MINISTERIO DE FOMENTO

SECRETARÍA DE ESTADO DE INFRAESTRUCTURAS, TRANSPORTE Y VIVIENDA

SECRETARÍA GENERAL DE INFRAESTRUCTURAS

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# ESTUDIO INFORMATIVO DEL PROYECTO DE CORREDOR FERROVIARIO CANTÁBRICO-MEDITERRÁNEO. TRAMO PAMPLONA-CONEXIÓN Y VASCA. FASE 1:5.000

## *ANEJO 4 TRAZADO Y MOVIMIENTO DE TIERRAS*

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## 1. INTRODUCCIÓN

El objetivo del presente anejo es la formulación de los criterios empleados en el diseño del trazado de las diferentes alternativas estudiadas en el *Estudio Informativo del proyecto de corredor ferroviario Cantábrico-Mediterráneo. Tramo: Pamplona-Conexión Y Vasca* definidos en esta fase de trabajo (escala 1:5.000) y la posterior descripción de los mismos.

Todos los trazados están incluidos en el seno de los pasillos ferroviarios que formaron parte del Documento de Inicio de Consultas Ambientales con el que se da cumplimiento al preceptivo proceso de consultas previas que establece la normativa vigente.

Estas alternativas completas han sido sometidas a un análisis multicriterio que permite identificar aquellas que obtienen una peor consideración respecto a los criterios empleados en su diseño, entre ellos el trazado.

El anejo se completa con un apartado dedicado a la descripción de los parámetros de diseño adoptados para la definición de la línea y el listado en planta y alzado de la definición geométrica de las alternativas consideradas.

## 2. PARÁMETROS DE DISEÑO

De acuerdo con el Pliego de Prescripciones Técnicas del presente Estudio Informativo, el principal objetivo del estudio es analizar y definir el trazado de una nueva línea ferroviaria de alta velocidad desde Pamplona hasta la conexión con la Nueva Red Ferroviaria en el País Vasco (Y Vasca).

Tras la primera fase del Estudio Informativo, se seleccionaron dos alternativas que son objeto de desarrollo en esta segunda fase. Estas constituyen líneas de nueva implantación, con doble vía ancho UIC para tráfico mixto (Alternativa H y Alternativa V) cuyas características geométricas permiten velocidades de circulación lo más altas posibles, sin penalizar en exceso la economía de la actuación.

También se ha tenido en cuenta a la hora de analizar el trazado la Resolución de la Secretaría de Planificación e Infraestructuras, sobre *Criterios de Diseño de Líneas Ferroviarias para el fomento de la Interoperabilidad y del Tráfico de Mercancías*, de 3 de Julio de 2011.

En la tabla adjunta se recogen los parámetros geométricos en planta y alzado, utilizados en el diseño de las alternativas contempladas en la fase 1:5.000 del presente Estudio Informativo:

| PARÁMETROS | NORMAL | EXCEPCIONAL |
|---|---|---|
| Velocidad máxima de proyecto ($V_{máx}$) | 250 km/h | 200 km/h |
| Velocidad mínima admisible en trenes lentos ($V_{min}$) | 135 km/h | 105 km/h |
| Radio mínimo ($R_{min}$) | 3.550 m | 3.100 m |
| Peralte máximo ($h_{máx}$) | 140 mm | 160 mm |
| Exceso máximo de peralte (he) | 80 mm | 100 mm |
| Insuficiencia de peralte (hi) | 80 mm | 100 mm |
| Variación máxima de peralte con tiempo | 30 mm/s | 50 mm/s |
| Rampa máxima de peralte | 0,5 mm/m | 1 mm/m |
| Aceleración sin compensar (anc) | 0,52 $m/s^2$ | 0,65 $m/s^2$ |
| Pendiente longitud máxima indefinida | 12,5 mm/m | 12,5 mm/m |
| Pendiente máxima limitada | 15 mm/m, (estudio justificativo de pendientes) | 20 mm/m, (Aprobación de la Dirección Gral. de Infraestructuras Ferroviarias) |
| Pendiente longitudinal en apartaderos | 2 mm/m | 2 mm/m |
| Pendiente longitudinal mínima en túneles | 5 mm/m | 2 mm/m |
| Parámetro mínimo de acuerdos verticales | 22.000 m | 12.600 m |
| Longitud mínima de acuerdos verticales | 166,66 m | 125 m |
| Longitud mínima de rasante entre acuerdos verticales | 166,66 m | 125 m |

Estos parámetros se han mantenido en las alternativas de nuevo trazado, salvo por condicionantes orográficos o de conexión con los tramos adyacentes.

## 2.1. SECCIÓN TRANSVERSAL

Para la definición de la sección transversal se han tenido en cuenta las siguientes características:

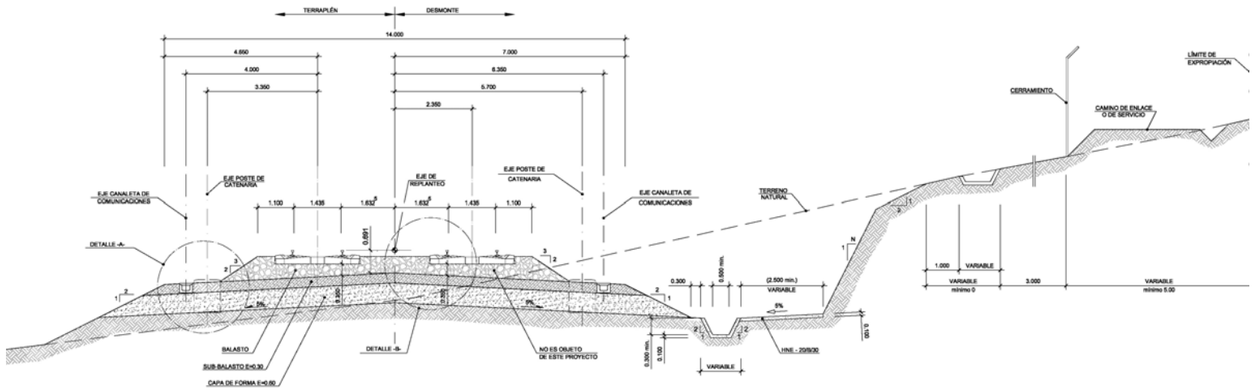
- Ancho de vía: UIC 1.435 mm.
- Distancia entre ejes de vías generales: 4,70 m
- Espesor mínimo de balasto bajo traviesa: 35 cm
- Espesor de subbalasto: 30 cm
- Espesor de capa de forma: dependerá de la unidad geológica que se atraviese. Consultar tablas de tramificación en el Anejo 6 - Geología y Geotecnia.
- Pendiente transversal en las capas de forma y subbalasto: 5 %

En los viaductos, la sección transversal tiene las siguientes características:

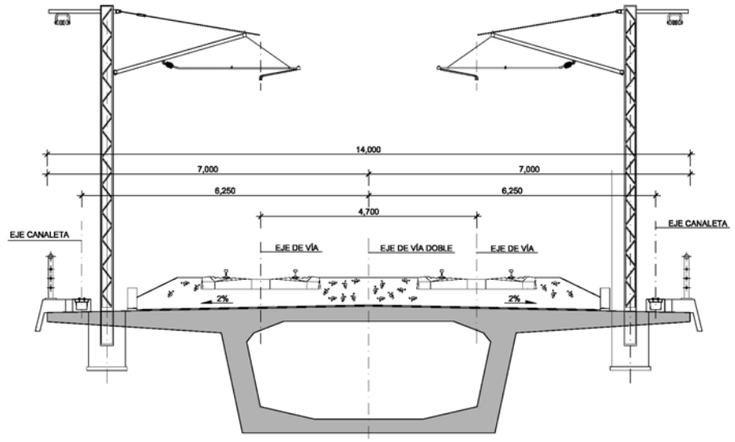
- Distancia entre ejes de vías generales: 4,70 m para las alternativas de nuevo trazado.
- Pendiente transversal en el tablero: 2 %
- Ancho de plataforma: 14,00 m

En los túneles las principales características de la sección transversal son:

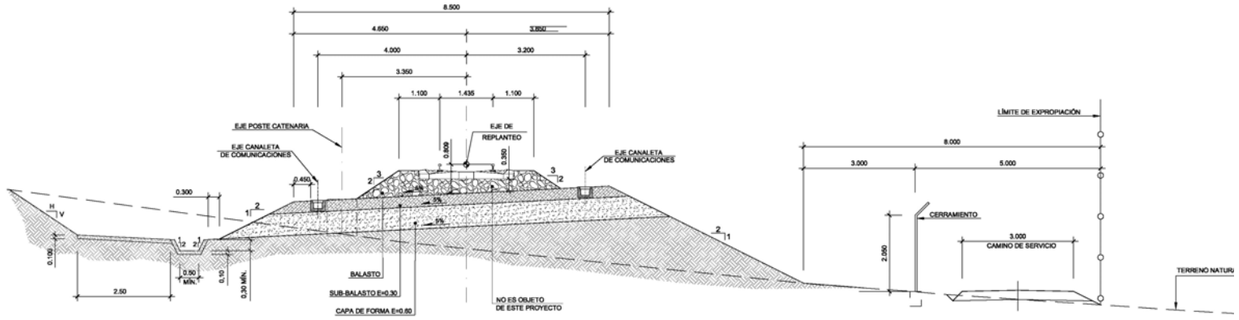
- Distancia entre ejes de vías generales: 4,70 m en los túneles de vía doble.
- Distancia entre ejes de vías en túneles con longitud mayor a 5.000 m: 30,00 m
- Pendiente transversal bajo el balasto: 2 %
- Sección interior del túnel bitubo vía única con tuneladora: 53,00 $m^2$
- Sección interior del túnel bitubo vía única: 71,00 $m^2$
- Sección interior del túnel vía doble: 95,00 $m^2$



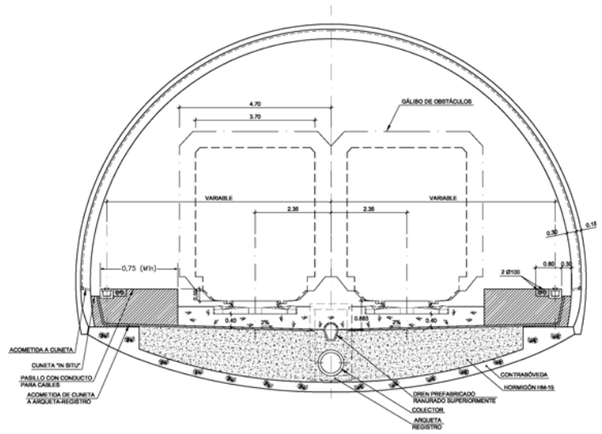

Sección tipo en vía doble de U.I.C.



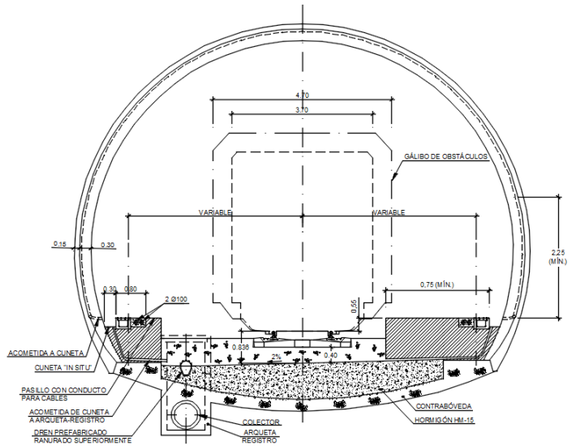

Sección tipo vía doble en viaducto.



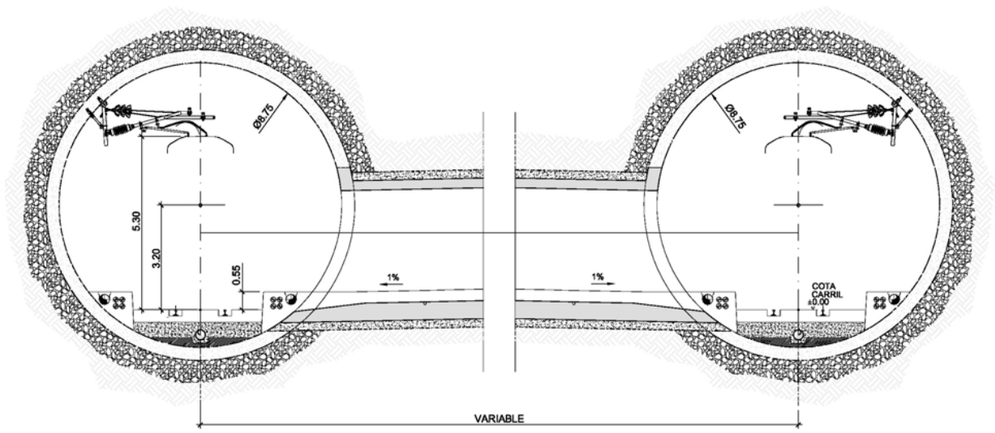

Sección tipo en vía única de U.I.C.




Sección tipo en túnel de vía doble




*Sección tipo en túnel de vía única.*




*Sección tipo túnel bitubo*

## 2.2. TÚNELES Y VIADUCTOS

Debido a la orografía de la zona por donde discurre el trazado, resulta necesario el diseño de túneles y viaductos de acuerdo con los condicionantes topográficos, de trazado, geológicos, geotécnicos y medio ambientales.

La ubicación de los viaductos y túneles en cada alternativa son las siguientes:

| | ALTERNATIVA H | | | | |
|---|---|---|---|---|---|
| | P.K. INICIO | P.K. FIN | LONGITUD (m) | TIPO DE VÍA O INFRAESTRUCTURA | ANCHO (m) |
| | VIADUCTOS | | | | |
| DOBLE VÍA | 7+890 | 8+150 | 260 | Arroyo | 14,00 |
| | 9+700 | 10+150 | 450 | F.C. Pamplona – Alsasua y N-706 | 14,00 |
| | 10+730 | 10+780 | 50 | Arroyo | 14,00 |
| | 13+195 | 13+880 | 685 | F.C. Pamplona – Alsasua | 14,00 |
| | 15+340 | 15+380 | 40 | Río Arakil | 14,00 |
| | 15+835 | 15+870 | 35 | Río Arakil | 14,00 |
| | 17+580 | 17+620 | 40 | Río Arakil | 14,00 |
| | 19+340 | 19+440 | 100 | Río Arakil | 14,00 |
| | 20+060 | 20+130 | 70 | Río Arakil | 14,00 |
| | 22+270 | 22+310 | 40 | Río Arakil | 14,00 |
| | 23+170 | 23+237 | 67 | Río Arakil | 14,00 |
| VÍA DERECHA | 48+115 | 48+512 | 397 | Autovía A-1 | 9,3 |
| | 50+586 | 50+866 | 280 | GI-632 | 9,3 |
| | 53+155 | 53+195 | 40 | Arroyo Telleriereka | 9,3 |
| | 53+810 | 54+000 | 190 | Caminos acceso GI-632 | 9,3 |
| | 54+450 | 54+720 | 270 | Accesos Santa Lutzi Núcleo Gunea | 9,3 |
| VÍA IZQUIERDA | 48+135 | 48+532 | 397 | Autovía A-1 | 9,3 |
| | 50+610 | 50+893 | 283 | GI-632 | 9,3 |
| | 53+066 | 53+210 | 144 | Arroyo Telleriereka | 9,3 |
| | 53+745 | 54+000 | 255 | Caminos acceso GI-632 | 9,3 |
| | 54+375 | 54+705 | 330 | Accesos Santa Lutzi Núcleo Gunea | 9,3 |

| | ALTERNATIVA H | | | |
|---|---|---|---|---|
| | P.K. INICIO | P.K. FIN | LONGITUD (m) | TIPO DE VÍA O INFRAESTRUCTURA |
| | TÚNELES | | | |
| DOBLE VÍA | 3+830 | 5+060 | 1.230 | Túnel vía doble |
| | 5+810 | 7+630 | 1.820 | Túnel vía doble |
| | 8+345 | 8+735 | 390 | Túnel vía doble |
| | 10+290 | 10+640 | 350 | Túnel vía doble |
| | 12+580 | 12+710 | 130 | Falso Túnel. Vía doble |
| VÍA DERECHA | 26820 | 47+960 | 21.140 | Túnel bitubo |
| | 48+690 | 50+509 | 1.819 | Túnel bitubo |
| | 50+910 | 53+100 | 2.190 | Túnel bitubo |
| | 53+219 | 53+777 | 558 | Túnel bitubo |
| VÍA IZQUIERDA | 26+780 | 47+935 | 21.155 | Túnel Bitubo |
| | 48+735 | 50+535 | 1.800 | Túnel Bitubo |
| | 50+930 | 52+985 | 2.055 | Túnel Bitubo |
| | 53+245 | 53+710 | 465 | Túnel Bitubo |

| ALTERNATIVA H | | | | |
|---|---|---|---|---|
| P.K. INICIO | VÍA | P.K. FIN | VIA | LONGITUD (m) |
| GALERÍAS DE CONEXIÓN DE EMERGENCIA | | | | |
| 51+400 | DERECHA | 51+423 | IZQUIERDA | 73,102 |
| 51+900 | DERECHA | 51+920 | IZQUIERDA | 176,92 |
| 52+400 | DERECHA | 52+396 | IZQUIERDA | 294,669 |
| 52+900 | DERECHA | 52+846 | IZQUIERDA | 359,9 |

| ALTERNATIVA "V" | | | | |
|---|---|---|---|---|
| P.K. INICIO | P.K. FIN | LONGITUD (m) | TIPO DE VÍA O INFRAESTRUCTURA | ANCHO (m) |
| VIADUCTOS | | | | |
| 7+890 | 8+150 | 260 | Arroyo | 14,00 |
| 9+700 | 10+150 | 450 | F.C. Pamplona – Alsasua y N-706 | 14,00 |
| 10+730 | 10+780 | 50 | Arroyo | 14,00 |
| 14+120 | 14+160 | 40 | Arroyo | 14,00 |
| 14+919 | 14+971 | 52 | Carretera | 14,00 |
| 22+010 | 22+040 | 30 | Arroyo | 14,00 |
| 27+450 | 27+510 | 60 | Arroyo | 14,00 |
| 32+970 | 33+000 | 30 | Río Arakil | 14,00 |
| 35+150 | 35+240 | 90 | Río Arakil | 14,00 |
| 35+330 | 35+370 | 40 | Río Arakil | 14,00 |
| 36+315 | 36+355 | 40 | Río Arakil | 14,00 |
| 37+520 | 37+660 | 140 | Autovía A-10 y N-240A | 14,00 |
| 41+580 | 42+009 | 429 | Caminos y Arroyo. Norte Olazti | 14,00 |
| 66+220 | 66+490 | 270 | Arroyo Regazubi | 14,00 |
| 71+790 | 72+120 | 330 | Río Alegría | 14,00 |

| ALTERNATIVA "V" | | | |
|---|---|---|---|
| P.K. INICIO | P.K. FIN | LONGITUD (m) | TIPO DE VÍA O INFRAESTRUCTURA |
| TÚNELES | | | |
| 3+830 | 5+060 | 1.230 | Túnel vía doble |
| 5+810 | 7+630 | 1.820 | Túnel vía doble |
| 8+345 | 8+735 | 390 | Túnel vía doble |
| 10+290 | 10+640 | 350 | Túnel vía doble |
| 22+410 | 22+730 | 320 | Túnel vía doble |
| 24+000 | 24+250 | 250 | Túnel vía doble |
| 26+320 | 27+200 | 880 | Túnel vía doble |
| 32+120 | 32+370 | 250 | Falso Túnel. Vía doble |
| 39+640 | 39+900 | 260 | Túnel vía doble |

Las tablas siguientes ofrecen los datos básicos de las alternativas proyectadas.

| LONGITUD Y PORCENTAJE POR TIPOS DE RECORRIDOS PARA LAS DIFERENTES SOLUCIONES | | | | | | | |
|---|---|---|---|---|---|---|---|
| ALTERNATIVA | TOTAL | TÚNELES | | VIADUCTOS | | A CIELO ABIERTO (1) | |
| | Longitud (m) | Longitud (m) | % | Longitud (m) | % | Longitud (m) | % |
| ALTERNATIVA H **(2)** | 55.090 | 29.511 | 53,57% | 3.130 | 5,68% | 22.449 | 40,75% |
| ALTERNATIVA V | 74.765 | 5.750 | 7,69% | 2.311 | 3,09% | 66.704 | 89,22% |

(1) Recorridos a cielo abierto que implican movimientos de tierras, con relleno o desmonte. Los viaductos, también al descubierto, se incluyen en otra columna específica.

(2) La longitud total y las longitus de túneles y viaductos se han calculado sumando al tramo de doble vía la media de las longitudes de los tramos en los que se separa el trazado en vía derecha y vía izquierda.

| TÚNELES Y VIADUCTOS – DISTRIBUCIÓN SEGÚN LONGITUDES | | | | | | | |
|---|---|---|---|---|---|---|---|
| ALTERNATIVA | TÚNELES (m) | VIADUCTOS (m) | TÚNELES > 5.000 m | TÚNELES L > 1.000 m y < 5.000 m | TÚNELES L < 1.000 m | VIADUCTOS L > 500 m | VIADUCTOS L < 500 m |
| ALTERNATIVA H | 29.511 | 3.130 | 2 (1) | 4 (1)<br>2 | 2 (1)<br>3 | 1 (2) | 5 (2)<br>10 |
| ALTERNATIVA V | 5.750 | 2.311 | - | 2 | 7 | | 15 |

(1) Túneles de vía única correspondientes a vía derecha y vía izquierda.

(2) viaductos de vía única correspondientes a vía derecha y vía izquierda.

### 2.3. UBICACIÓN DE LOS P.A.E.T.

En cada una de las alternativas estudiadas se ha previsto la implantación de un Puesto de Adelantamiento y Estacionamiento de Trenes (PAET). Se han ubicado en una alineación recta y con una pendiente longitudinal constante nunca superior a 2,50 ‰ en la zona entre los desvíos de la vía de apartado, es decir, en una longitud de 995,00 m teniendo en cuenta la Resolución de la Secretaría de Planificación e Infraestructuras de 3 de julio de 2011, sobre "*Criterios de diseño de líneas ferroviarias para el fomento de la Interoperabilidad y del tráfico de mercancías*" respecto a la longitud de las vías de apartado y recepción/expedición de trenes, las cuales deben permitir el cruce o estacionamiento de trenes de al menos, 750 metros de longitud. Se hace notar que los desvíos utilizados han sido de 200 km/h en vía directa y 100 km/h en vía desviada.

En lo que refiere a las vías mango, la rasante adoptada es a una contrapendiente media de 3,00 ‰ y excepcionalmente horizontal, pero nunca con caída hacia la vía de apartado. No tienen ningún tipo de impedimento físico y no están electrificadas, siendo el entreeje con la vía de bifurcación de 6,35 m. Se construirán dos andenes exteriores con una altura de 55 cm.

Los tramos donde se han dispuesto el sobreancho de la plataforma para alojar las vías de apartado del P.A.E.T. son los siguientes:

- Alternativa "H": del 24+275 al 25+450
- Alternativa "V": del 27+300 al 28+200

A su vez, en la alternativa V, se ha definido la rasante entre los PPKK 73+080 a 73+990 con una pendiente longitudinal del -2,00 ‰, en previsión de que resulte necesario situar un futuro PAET en esta zona.

## 3. DESCRIPCIÓN DE LOS TRAZADOS

### 3.1. CONCEPTOS GENERALES

Se han definido dos alternativas para su estudio a escala 1:5.000 basándose en los siguientes criterios:

- El origen de todos los trazados analizados es coincidente con el punto final del trazado aprobado en la Declaración de Impacto Ambiental con fecha 30 de junio de 2004 sobre el estudio Informativo del "*Proyecto de la nueva red ferroviaria en la comarca de Pamplona: Eliminación del bucle ferroviario y nueva estación intermodal*".

- Las alternativas estudiadas se encuentran incluidas en los pasillos ferroviarios de la *Documento Inicial de Impacto Ambiental* que iniciaron el preceptivo procedimiento administrativo de fase de consultas previas del proceso de Evaluación de Impacto Ambiental.

- Han sido definidas acorde a las directrices recogidas en la Resolución de la Secretaría de Estado de Planificación e Infraestructuras de 3 de julio de 2011 sobre "Criterios de diseño de líneas ferroviarias para el fomento de la Interoperabilidad y del tráfico de mercancías".

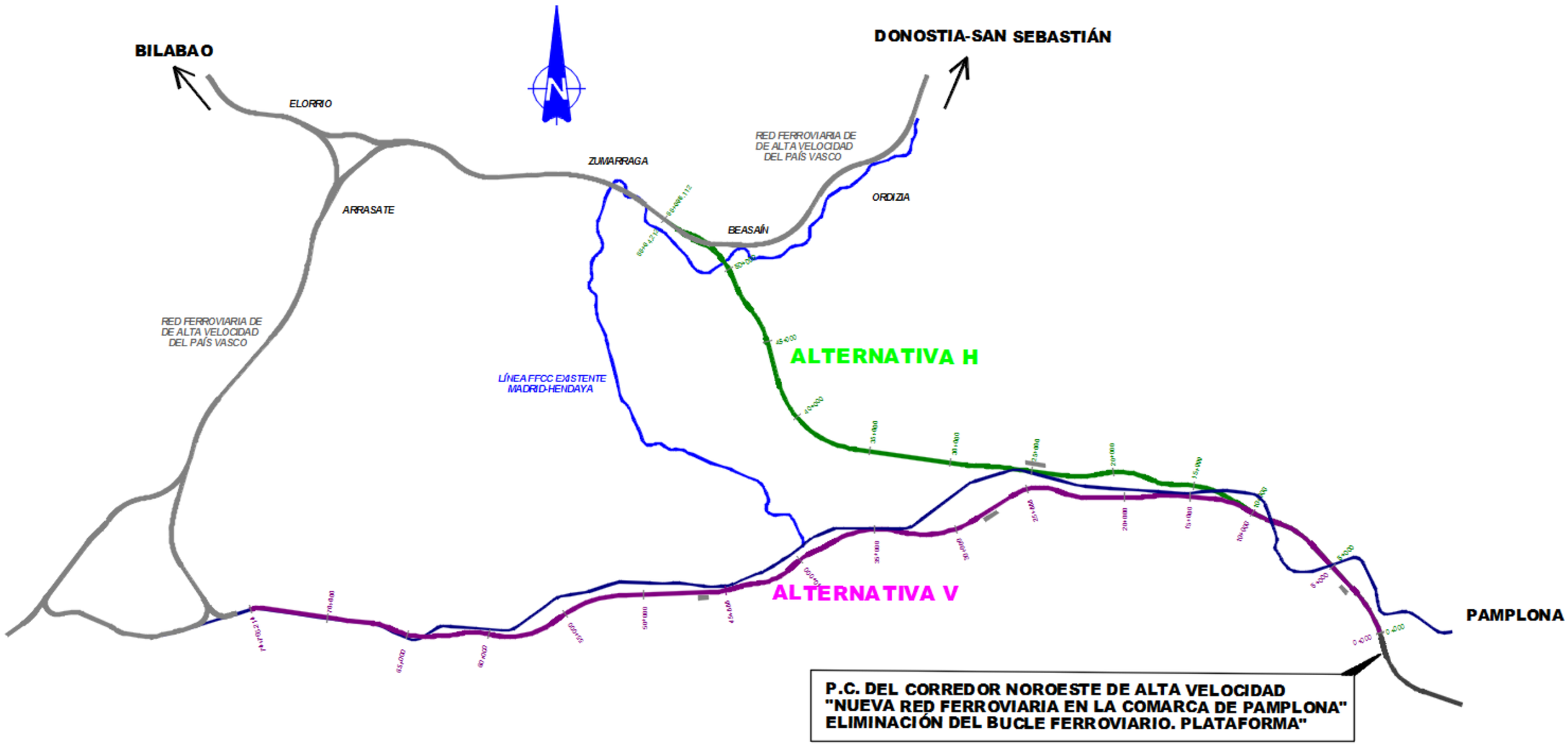
- Las Alternativas H y V, son el resultado de un nuevo análisis de los trazados ya estudiados en proyectos y estudios que anteceden al presente Estudio Informativo y de los cuales se ha hecho una reseña en el *Anejo 1 Antecedentes* del presente documento.

La circulación de trenes rápidos de viajeros y lentos de mercancías por la misma línea obliga a buscar un compromiso técnico que permita ambos tipos de circulaciones manteniendo velocidades adecuadas para ambos tráficos y al mismo tiempo produzca una mínima limitación en la capacidad de la línea. Por esta razón, los parámetros usados permiten la circulación de los trenes de viajeros a una velocidad máxima de 250 km/h y de los trenes de mercancías a una velocidad mínima de 120 km/h, aunque puntualmente puede haber curvas que sólo permitan velocidades menores debido a condicionantes urbanísticos u orográficos o de conexión con la Y Vasca.

Las alternativas se han diseñado con radio mínimo de 3.550 m que permite velocidades máximas de 250 km/h –excepcionalmente, $R_{min}$ = 3.100 m, siempre que las condiciones orográficas o urbanísticas lo permitieran, La diferentes alternativas se han diseñado con una pendiente máxima de 12,5 milésimas, llegándose en ocasiones puntuales hasta las 15,0 milésimas por motivos orográficos.

A continuación se detalla, para cada una de las alternativas analizadas a escala 1:5.000, su definición geométrica en planta y alzado.

Las dos alternativas comparten su trazado inicial, tanto en planta como en alzado, hasta el P.K. 10+589.145 cuya descripción se detalla más adelante y que denominaremos "Trazado Común".




*Esquema general de las alternativas del presente Estudio Informativo*

### 3.1.1. Trazado Común

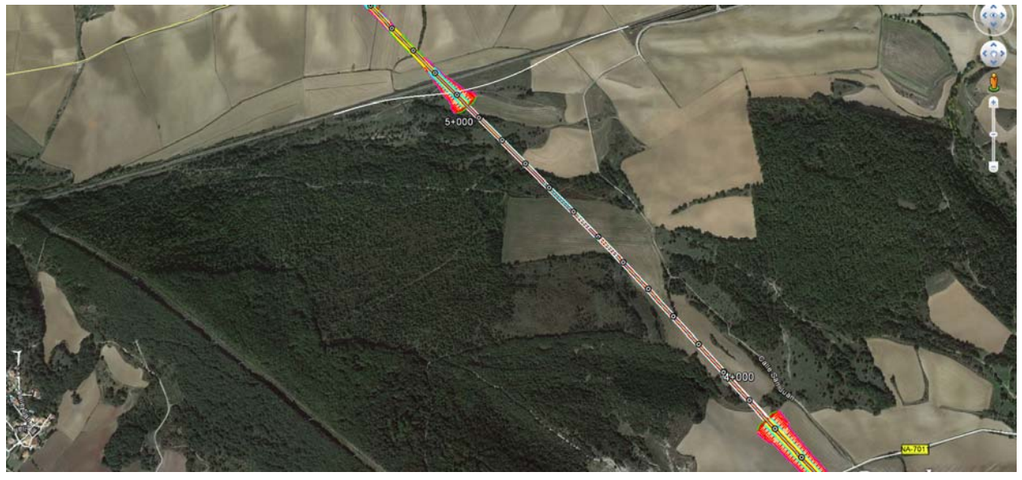
El tramo llamado “Trazado común” hace referencia a la parte inicial del trazado que comparten las dos alternativas analizadas entre el P.K. 0+000 y el P.K. 10+859,145.

El origen del trazado es coincidente con el punto final del estudio Informativo del “*Proyecto de la nueva red ferroviaria en la comarca de Pamplona: Eliminación del bucle ferroviario y nueva estación intermodal”* cuyas características son las siguientes:

*Alineación =Curva*
*Inclinación = 15,00 ‰ en rampa*
*X =602.377,622037*
*Y =4.743.426,897823*
*Radio =7.000 m (a izquierda)*
*Cota =432,971*
*Azimut =379,649514*

El trazado en su origen mantiene la alineación circular de radio 7.000 m y la pendiente descendente de 15,00 ‰ del tramo anterior y se ajusta al terreno hasta iniciar una rampa ascendente de 14,00 ‰ para atravesar la Sierra de Zabalgaña mediante un túnel de 1.230 m de largo. A la salida de dicho túnel cruza la vía ferroviaria actual Castejón de Ebro-Altsasu.

Es necesaria la reposición de dicha línea ferroviaria, aumentando la cota actual, para evitar la intersección con el trazado analizado.



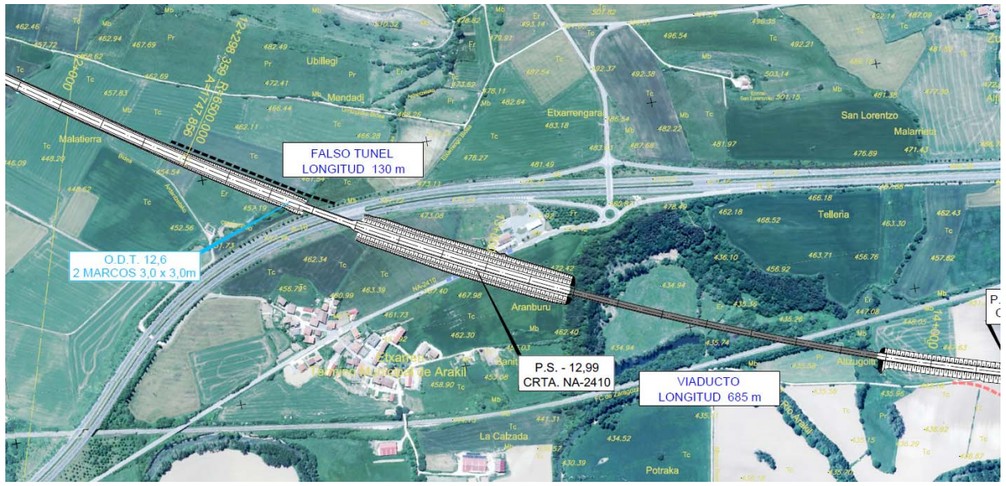

A continuación, el trazado atraviesa mediante una recta y una curva a izquierdas de radio 5.000 metros, las estribaciones de la Sierra de Satrústegui, con una pendiente descendente de 2,00 ‰, dos túneles de 1.820 y 390 metros de longitud separados por un viaducto de 260 metros.

El trazado avanza con una dirección sureste-noreste mediante una curva a derechas de radio 6.000 metros y una pendiente descendente de 12,00 ‰ seguida de otra pendiente descendente de 1,00 ‰. En este tramo, se proyecta un viaducto sobre el Río Arakil de 450 metros de longitud y altura de 34 metros, aproximadamente, así como, un túnel de 350 metros frente a Urritzola.

### 3.1.2. Alternativa H

#### 3.1.2.1. Tramo de vía doble

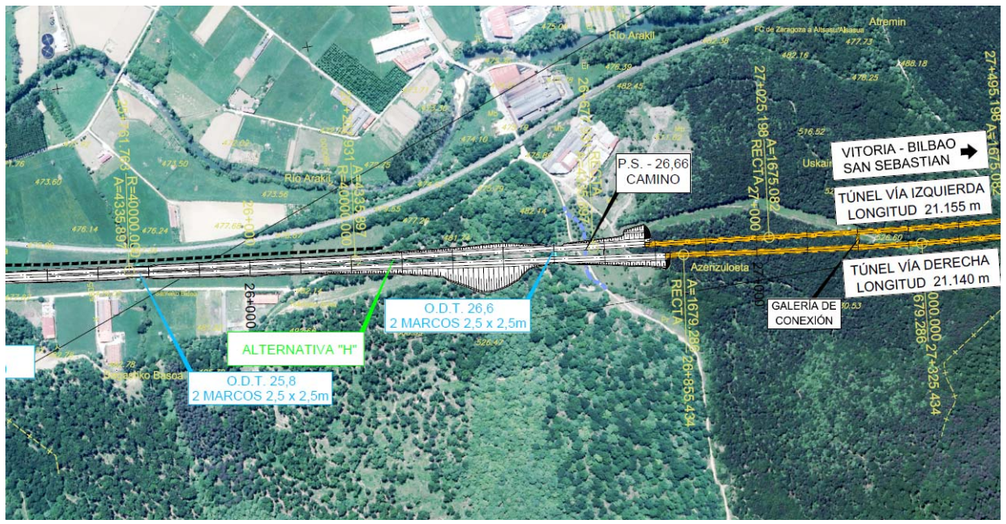
Aproximadamente en el entorno del P.K. 12+300 el trazado de la alternativa H se desvía para cruzar la autovía A-10 mediante un falso túnel de 130 m de longitud. A continuación, discurre en trinchera para salvar el desnivel existente mediante un viaducto de 685 metros. Este viaducto permite el cruce sobre la línea ferroviaria Pamplona – Altsasu en el P.K. 13+700.




Desde este punto, el trazado discurre por la vega del río Arakil a lo largo de aproximadamente 8 km, cruzando el río en varias ocasiones. Concretamente, en el entorno de los siguientes puntos kilométricos 15+350, 15+850, 17+600, 19+400, 20+100, 22+290 y 23+200. En toda esta zona, la rasante transcurre prácticamente próxima al terreno, hasta llegar al PAET, que se localiza entre los PP.KK. 24+275 y 25+450, con una longitud útil de 900 m dentro de una recta de 3.651,67 m.

Tras el PAET, la plataforma se bifurca para iniciar el tramo del trazado con sección de túnel bitubo. Esta bifurcación se realiza aproximadamente en 1.300 m desde el final del PAET hasta la boca de los túneles. Asimismo entre el P.K. 23+200 y el P.K. 24+500, en la margen izquierda del trazado, se ha previsto una zona de ocupación temporal para instalaciones de obra y acopio de materiales, que pueda dar servicio al largo túnel bitubo que arranca en el entorno del PK 26+800.

### 3.1.2.2. Tramos de vía única (vía derecha y vía izquierda)

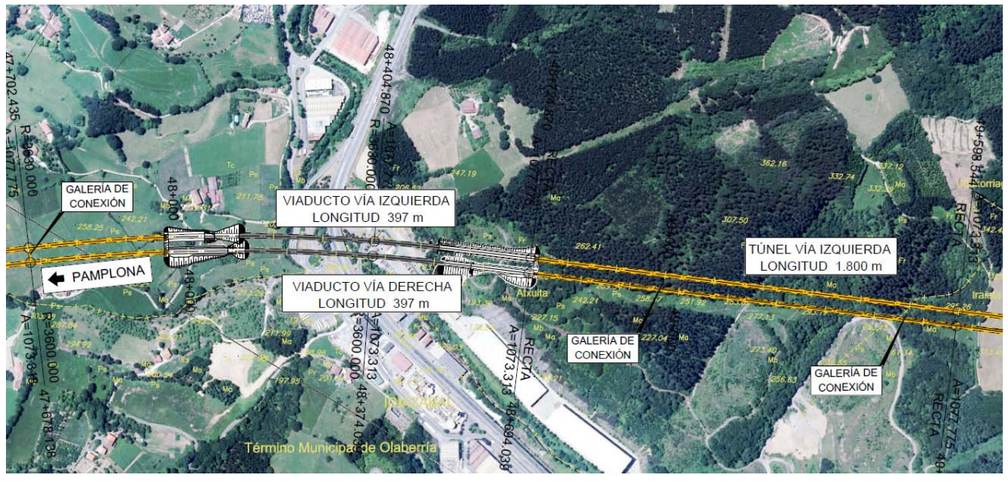



Debido a la longitud del tramo en túnel y para cumplir con las especificaciones técnicas de interoperabilidad relativa a la seguridad en los túneles ferroviarios (ETI) y los criterios de la ISTF, se han diseñado dos túneles independientes (21.155 m para la vía izquierda y 21.140 m para la via derecha) conectados entre sí mediante galerías cada 500 m para permitir la evacuación y rescate en caso de emergencia.

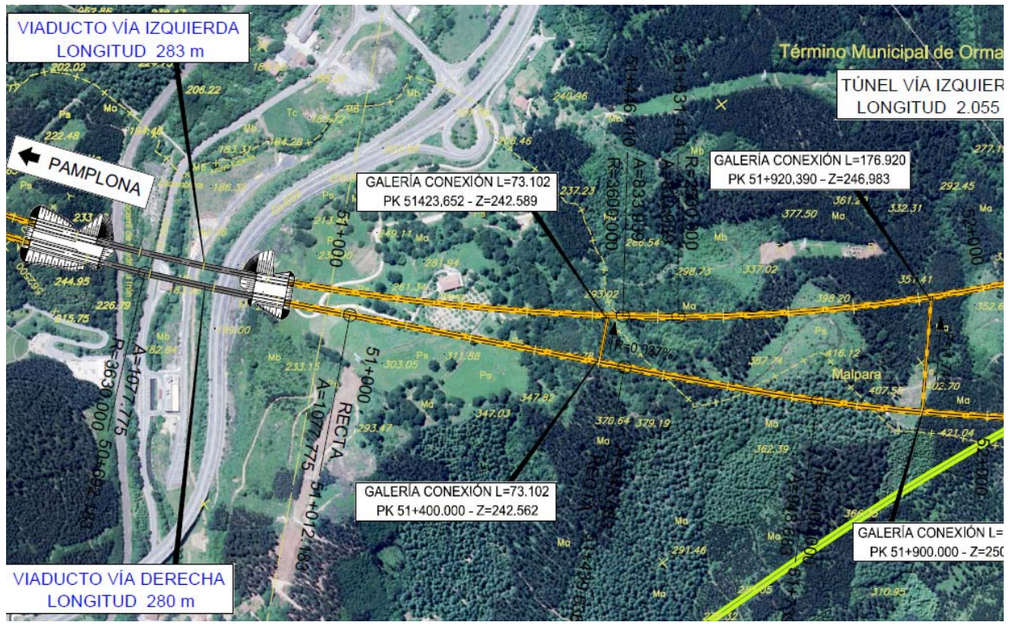
Se realiza una ampliación del entreeje de la plataforma desde 4,70 m hasta una distancia de 30,00 m entre ambos tubos. Para ello, se han trazado dos ejes independientes (eje 127 y 128) que permiten el diseño del túnel bitubo y la conexión mediante dos vías independientes con el PAET de Ezkio.

En este tramo de trazado con túneles bitubo la geometría en planta consta de una secuencia de radios 6.000 m en 2.415 m, una recta de 6.447 m, un radio de 5.500 m, con una longitud de 5.883 metros, un radio de 5.000 m con un desarrollo de 1.887 m y unos radios 5.000 m y 3.600 m antes de llegar al valle.

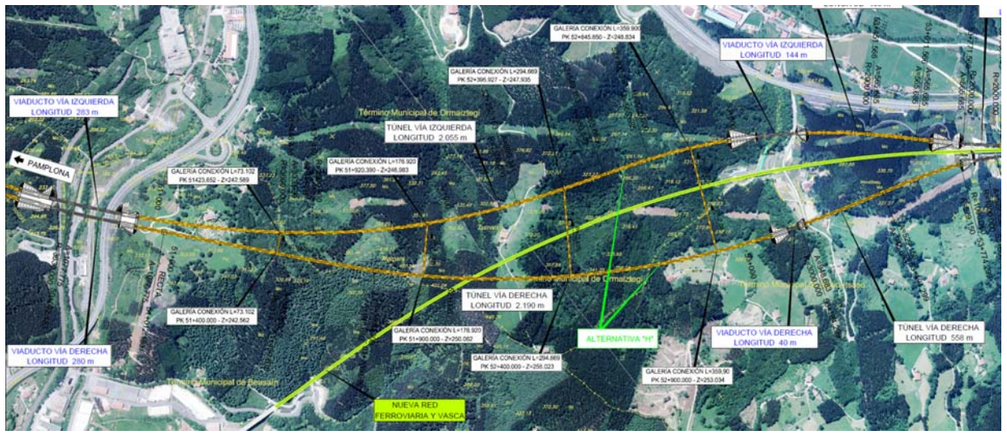
A continuación, se cruza mediante dos viaductos paralelos la autovía A-1 (carretera de Irún a Vitoria-Gasteiz) con una longitud de 397 m sobre el enlace de acceso al polígono industrial Iñausti, en las inmediaciones de la población de Beasain.




Este tramo es una sucesiónde túneles y vidaductos, debido tanto a la orografía del terreno, como a la gran cantidad de elementos a los que no se debe afectar. A continuación el trazado avanza a través de un túnel bitubo de 1.800 m y 1.819 m de longitud que desembocan en sendos viaductos de 283 m y 280 m para cruzar sobre la carretera GI-632.

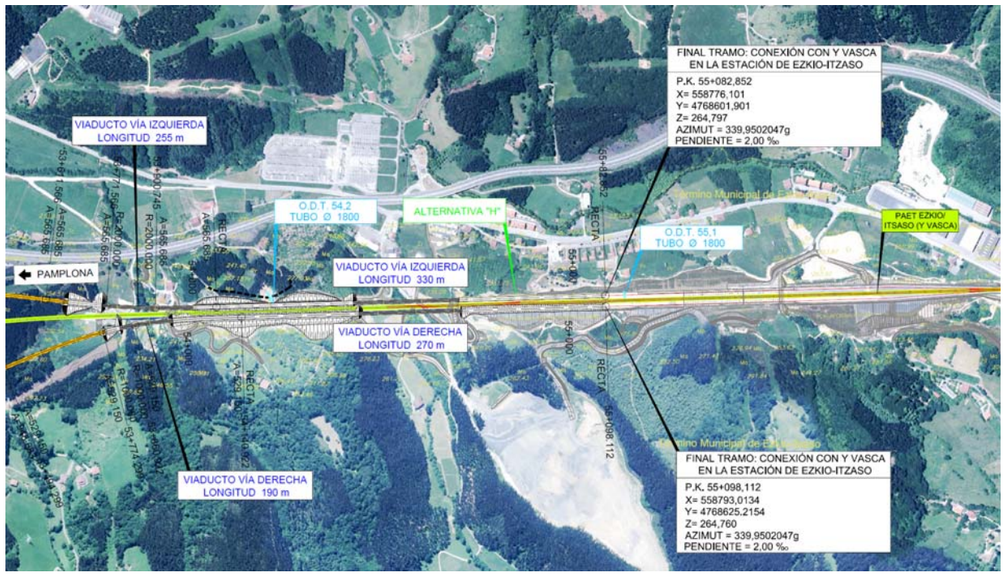



Una vez superados dichos viadictos, las dos vías se empiezan a separar para salvar el cruce con la Y Vasca en su tramo hacia San Sebastían. La vía derecha se abre para salvar dicho cruce situándose por encima del tramo de la Y Vasca hacia San Sebastián y la vía izquierda se abre en sentido contrario, para buscar la alineación de PAET de Ezkio-Itsaso. El cruce entre la vía derecha y la vía de San Sebastián se produce en el PK 52+063.465, y la diferencia de cota entre las rasantes de ambos túneles es de 24,051 metros.




La distancia que se genera entre los dos túnes de vía única obliga a plantear cuatro galerías de conexión para evacuación en caso de emergencia entre dichas vías de longitudes (73,1 m, 176,9 m, 294,6 m y 359,9 m). Dos de dichas gelerías deben cruzarse igualmente a desnivel con el tramo de la Y Vasca hacia San Sebastián. Los dos túnes de vía única sobre los que se proyectan estas galerías presentan longitudes de 2.190 m y 2.055 m, para la vía derecha e izquierda respectivamente.

Una vez cruzado el arroyo de Tellerierreka, mediante sendos viaductos de 144 m y 40 m las dos vías se van aproximando a la zona del PAET de Ezkio-Itsaso, cada una por un lado del mismo, mediante dos túneles de 558 m y 465 m y dos viaductos de 190 m y 255 m. Una vez alineadas ambas vías (derecha e izquierda) con las vías de apartado del PAET de Ezkio-Itsaso, se prevén do nuevos viaductos de 270 m y 330 m en paralelo al existente en el trazado de la Y Vasca.



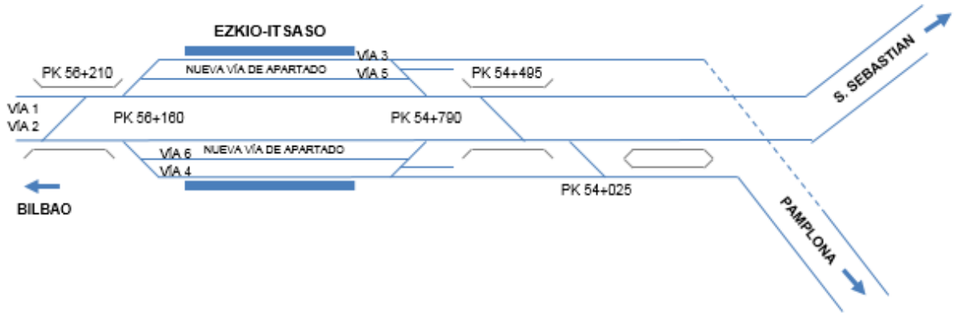

Las conexiones de la vía derecha e izquierda con el trazado de la Y Vasca, concretamente en el PAET de Ezkio-Itsaso se producen en las siguientes coordenadas y con las características siguientes:

***Vía Derecha***
*Alineación = Recta*
*Inclinación = 2,00 ‰*
*P.K. 55+098,112*
*X = 558.793,0134*
*Y = 4.768.625,2154*
*Z (cota) = 264,760*
*Azimut = 339,9502047 g*

***Vía Izquierda***
*Alineación = Recta*
*Inclinación = 2,00 ‰*
*P.K. 55+082,852*
*X = 558.776,101*
*Y = 4.768.601,901*
*Z (cota) = 264,797*
*Azimut = 339,9502047 g*

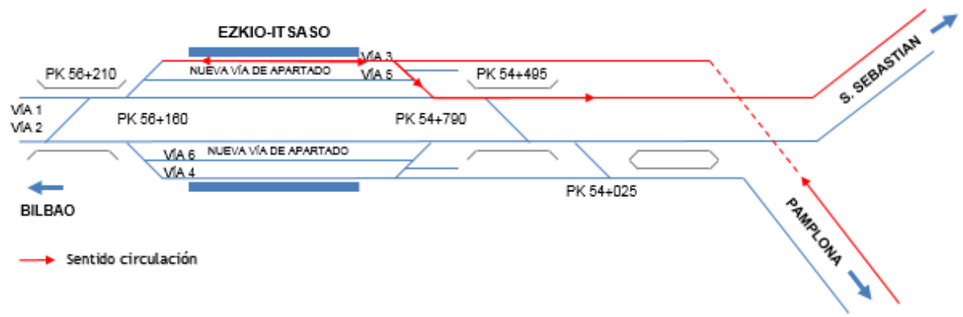
### 3.1.2.3. Conexión con el P.A.E.T. de Ezkio-Itzaso

La estación de Ezkio-Itsaso está compuesta por dos vías de apartado de una longitud útil de alrededor de 800 m, con una vía mango en cada una de ellas en la cabecera este.




Se ha diseñado la incorporación de dos vías adicionales (vías 5 y 6) a situar entre las vías generales (vías 1 y 2) y las existentes (vías 3 y 4) en la estación de Ezkio. Estas dos vías adicionales se utilizarán para el paso de los trenes de mercancías, dejando las vías generales para los trenes pasantes y las vías colindantes con los andenes para aquellas circulaciones que requieran parar en la estación o para las circulaciones Pamplona – San Sebastián que requieren parar en la estación para continuar su recorrido.

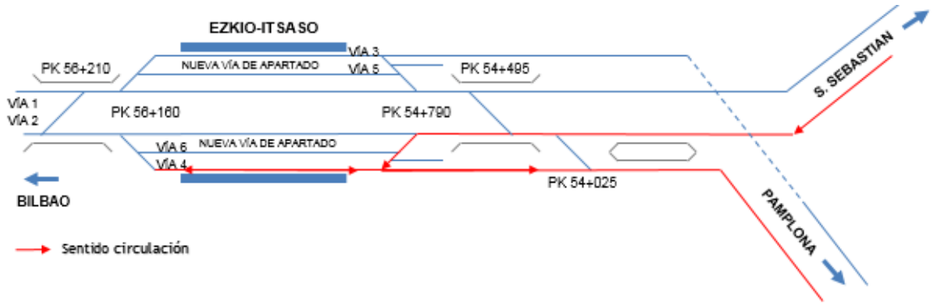
- **Movimientos Pamplona – San Sebastián**




*Movimiento de las circulaciones Pamplona – San Sebastián*

Los servicios con origen Pamplona y destino San Sebastián deben entrar en el PAET de Ezkio/Itsaso por la vía 3, realizar una inversión de marcha (cambio de maquinista de una cabeza tractora a otra) y continuar hacia San Sebastián por la vía 1.

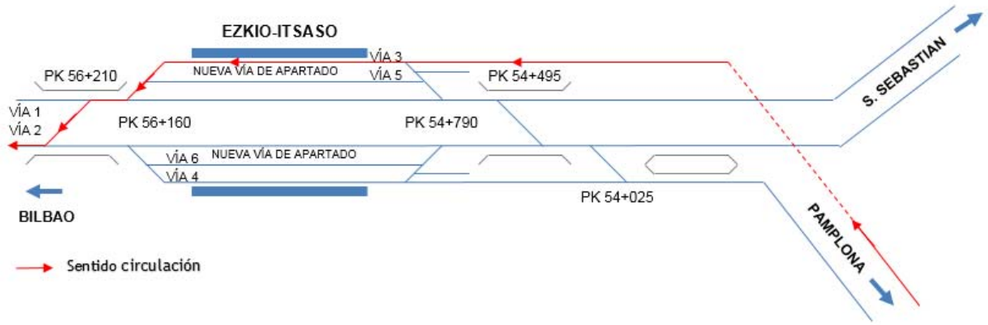
- **Movimientos San Sebastián – Pamplona**




*Movimiento de las circulaciones San Sebastián - Pamplona*

En este caso, las circulaciones que provienen de San Sebastián deben entrar en el PAET de Ezkio por la vía 2 y realizar la maniobra de inversión (cambio de maquinista de una cabeza tractora a otra) en la vía 4 y continuar su recorrido hacia Pamplona.

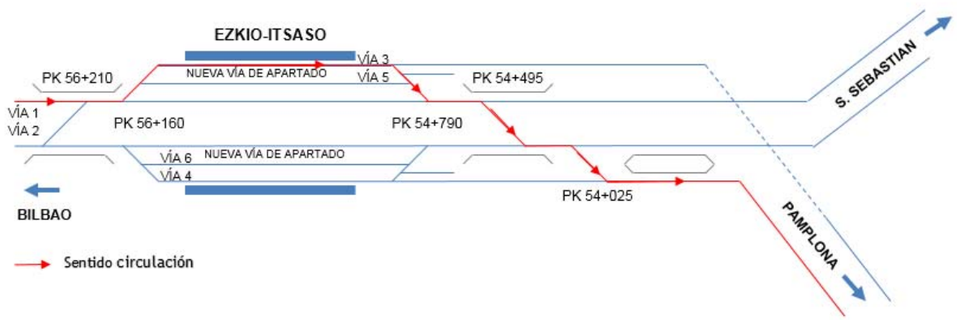
**Movimiento Pamplona – Bilbao**




*Movimiento de las circulaciones Pamplona – Bilbao*

Las circulaciones que provienen de Pamplona y tienen destino Bilbao, acceden al PAET de Ezkio por la vía 3 y cizallan con la vía 1 para continuar por su recorrido hacia Bilbao por la vía 2.

**Movimiento Bilbao – Pamplona**




*Movimiento de las circulaciones Bilbao - Pamplona*

El movimiento con origen Bilbao y destino Pamplona se accede al PAET de Ezkio en la vía 3, cizallándose la vía 1 para acceder a la vía 2 y continuar el recorrido haia Pamplona. Asimismo puede realizarse accediendo por la vía general 1 sin parar en el PAET.

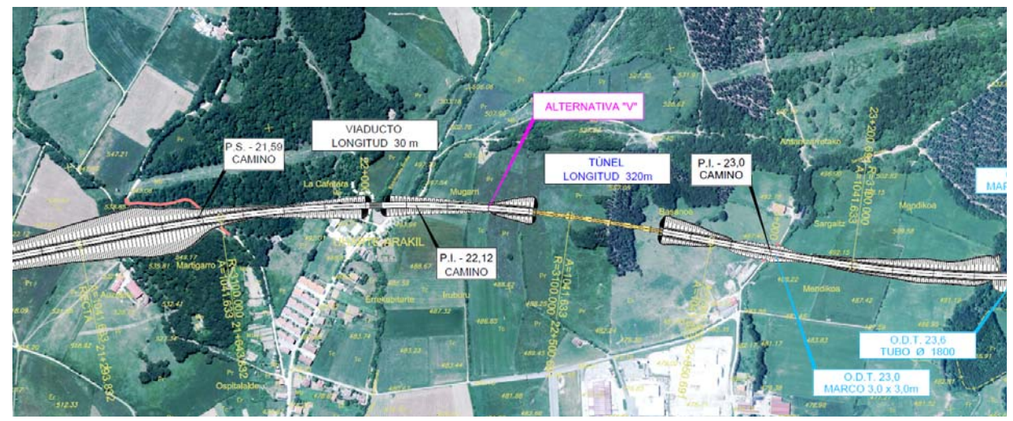
### 3.1.3. <u>Alternativa V</u>

El trazado de la alternativa V coincide, tanto en planta como en alzado, con el trazado de la alternativa H hasta el PK 10+859.145. La alternativa H se dirige hacia el norte y la alternativa V se dirige hacia el oeste (dirección Vitoria – Gasteiz).

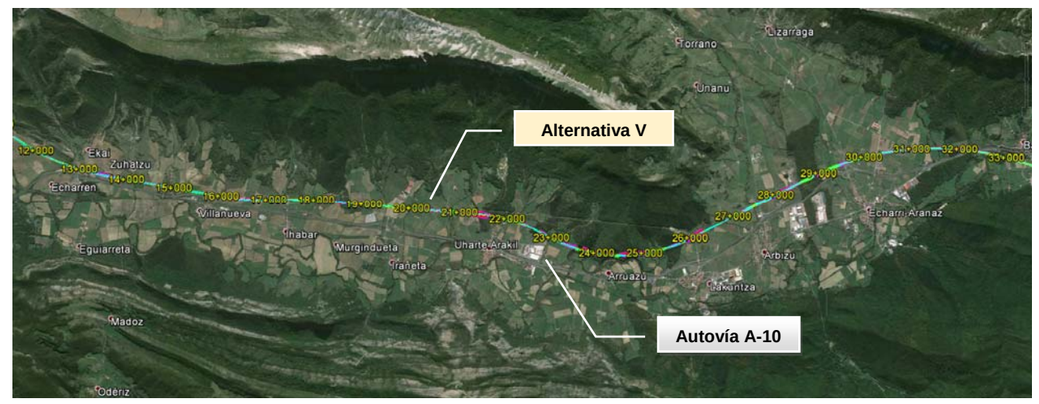
En el entorno del P.K. 12+300, el trazado toma dirección oeste discurriendo en paralelo a la autovía A-10 y a la línea ferroviaria actual Pamplona-Altsasu hasta aproximadamente el P.K. 32+000.

La orografía de la zona no presenta grandes movimientos de tierras y la rasante proyectada se adapta al terreno entre el P.K. 16+000 y el P.K. 21+000 donde la inclinación es del 9,50 ‰.

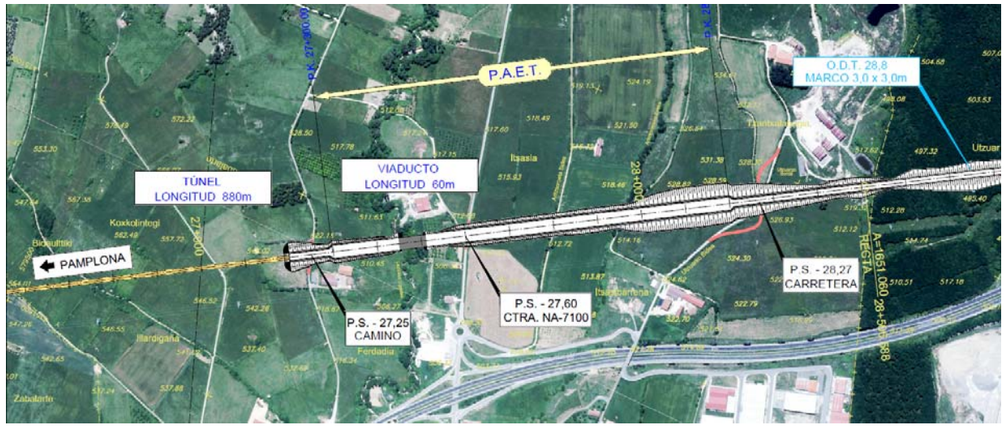
En este entorno el trazado discurre por una orografía bastante llana y el trazado se ha ajustado al terreno con el fin de minimizar la afección hasta el P.K. 21+000 donde la orografía cambia ligeramente y resulta necesario realizar desmontes y un pequeño túnel de 320 m en el entorno del P.K. 22+500.




A partir de este punto, el trazado en planta comienza a tener una orografía más accidentada siendo necesario realizar una sucesión de radios 3.100 m para evitar la afección a la montaña, con una inclinación de 10,00 ‰, 0,50 ‰ y 15,00 ‰.



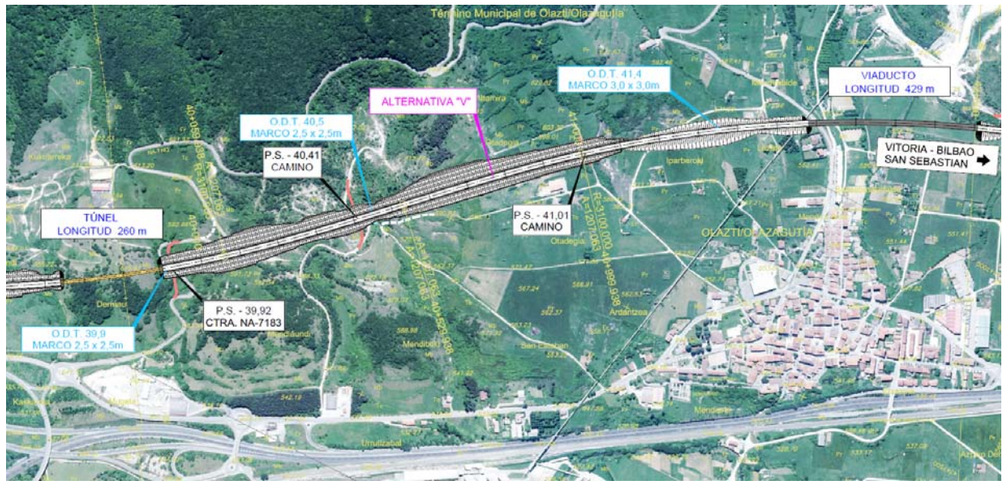
Desde el PP.KK. 26+320 al 27+200 es necesario construir un túnel con una longitud de 880 m debido a la altura de la montera de tierras, una vez superado el túnel se ubica el PAET . sobre una alineación recta, con inclinación de 2,00 ‰ y una longitud de 900 m.




El trazado cruza la autovía en dos ocasiones y se desplaza hacia el norte aproximándose a la línea del ferrocarril actual y evitando que los municipios de Bakaiku, Iturmendi y Urdiain queden limitados entre ambas infraestructuras (autovía y ferrocarril) obstaculizando sus crecimientos y los accesos hacía la zona de montaña próxima a los mismos. Para ello es necesario cruzar bajo la Autovía A-10 mediante un túnel de 250 m de longitud

A continuación, el trazado discurre por terrenos de cultivos hasta aproximarse al ferrocarril existente en el entorno del P.K. 34+600 mediante un radio de 5.600 m y vuelve a cruzar la autovía A-1 mediante un viaducto de 140 m para disponerse de nuevo en la margen sur de la autovía. Este tramo cruza el río Arakil en cuatro ocasiones para lo que se proyectan varios viaductos de pequeña longitud.

Entre los PP.KK. 39+000 y 41+100, al sur de la localidad de Alsasua, el trazado discurre en desmonte siendo necesario la construcción de un túnel de 260 m de longitud. En las proximidades de Olazagutía se proyecta un viaducto de 429 m para salvar la vaguada natural.




A partir de este punto, el trazado plantea unos radios 7.000 m y 4.000 m y unas inclinaciones del 6,00 ‰ y 2,00 ‰, respectivamente.

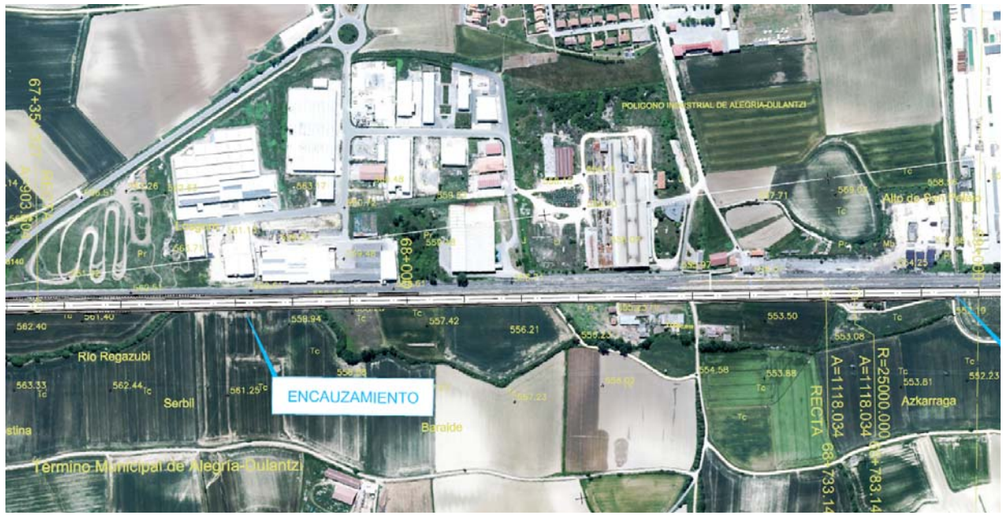
Desde el entorno del P.K. 44+500 y hasta llegar aproximadamente al P.K. 53+000, el trazado discurre sensiblemente paralelo al trazado de la autovía con una recta de 5.115 m de longitud y una inclinación constante de 12,00 ‰ por una orografía levemente accidentada.

En las proximidades de Eguilaz (P.K. 53+000), la traza gira hacia el suroeste siguiendo el recorrido de la Autovía, evitando la población de Salvatierra mediante un radio de 7.000 m con inclinación de 12,00 ‰, seguido de otro radio de 4.500 m e inclinaciones de 0,50 ‰ y 4,00 ‰.

A partir de este punto, el trazado gira con dos radios de signo contrario y valor 3.550 metros para salvar una Zona de Presunción Arqueológica y dos balsas de regadío, en el término Municipal de Salvatierra. El eje de trazado cruza por encima del túnel existente en el ferrocarril Madríd-Irún en el entorno del PK 64+050 para situarse al norte del dicho ferrocarril y en paralelo al mismo, posición que no se abandona hasta el final del estudio.

Para salvar el arroyo Regazubi ha sido necesario proyectar un viaducto de 270 metros de longitud entre los PPKK 66+220 a 66+490 y para cruzar sobre el río Alegría se ha proyectado un viaducto de 330 metros de longitud entre los PPKK 71+790 a 72+120. Ambos viaductos se proyectan en paralelo al ferrocarril existente con la mínima altura necesaria para salvar las correspondientes cotas de máxima avenida.

Entre el P.K 68+00 y el P.K. 69+000 el trazado se dispone en paralelo no sólo a las vías actuales de la línea Madrid-Irún, sino que además lo hace en paralelo a las vías de apartado de la Estación Ferroviaria de Alegría/Dulantzi. En esa zona (P.K. 68+780) se produce una afección a la subestación de tracción existente que es necesario reponer y así se ha proyectado y presupuestado en el presente Estudio.




Desde esta zona y hasta el final del trazado, la alternativa discurre en paralelo y por el norte del ferrocarril actual Madrid-Irún, en su tramo Vitoria-Alsasua. Entre el P.K. 73+083 y el P.K. 73+965 se ha proyectado el trazado en planta y alzado con una geometría que permitiría la implantación de un PAET para poder ayudar en las explotación y operación de la línea, ante la cercanía de la conexión con el nudo que se está proyectando en el marco del Estudio Informativo de Integración en Vitoria y que representa el punto final de la actuación correspondiente a la alternativa V.

El punto de conexión con dicho Estudio se plantea en las siguientes coordenadas y con las características siguientes:

*Alineación = Recta*
*Inclinación = 2,00 ‰*
*P.K. 74+765,214*
*X = 533.563,4474*
*Y = 4.744.869,3857*
*Z (cota) = 528,513*
*Azimut = 281,0920034 g*

## 4. MOVIMIENTO DE TIERRAS

Es necesario abordar el estudio de las tierras necesarias para realizar las obras proyectadas, tanto para la plataforma de la línea de alta velocidad, como de las demás reposiciones ferroviarias y viales.

Dentro de todo movimiento de tierras se pueden manejar dos conceptos:

- Compensación
- Aprovechamiento de los materiales

El concepto de compensación puede abordarse desde un punto de vista global, en el que los volúmenes de desmonte y terraplén generados en toda la obra quedan compensados totalmente o de forma parcial, realizándose esta compensación en los tramos de ejecución de la obra. Esta compensación se efectúa tanto de manera transversal, como longitudinal.

Ligado a la compensación de volúmenes se puede señalar el aprovechamiento de materiales procedentes de la excavación, a partir del cual se puede obtener la compensación real, ya sea global o parcial.

En el caso de que la compensación no sea posible, es necesario acudir a la utilización de préstamos para formar los terraplenes, o a vertederos, en el caso de que el volumen de material procedente de los desmontes sea mayor que el que se necesita para terraplenar, o el obtenido sea de mala calidad.

En cualquier caso siempre es necesario el estudio de préstamos y canteras, ya que los materiales más exigentes, como los necesarios para la formación de las plataformas ferroviarias, los materiales de coronación de terraplenes, no pueden ser obtenidos de la excavación, a pesar de que ésta pudiera ser de buena calidad, al ser necesaria su selección y clasificación.

Los objetivos que se persiguen en el presente Estudio Informativo, abarcan el estudio de todos los aspectos (espesores, coeficientes de paso, volúmenes, zona de procedencia y destino, etc.) de los materiales necesarios para la realización de las obras.

## 4.1. DATOS DE PARTIDA

Para realizar los cálculos correspondientes a los movimientos de tierras se ha tenido en consideración los siguientes datos de partida:

- Cartografía 1/5.000
- Datos geométricos del trazado, plataforma y secciones de las vías principales y de los viales proyectados.
- Datos geotécnicos correspondientes a espesores de tierra vegetal, taludes, saneo, tratamientos localizados y espesor de la capa de forma.
- Localización de préstamos, canteras y vertederos propuestos en el presente Estudio Informativo, así como las conclusiones obtenidas del estudio geotécnico.

## 4.2. COMPENSACIÓN DE TIERRAS

### 4.2.1. Coeficientes de paso

De acuerdo con el Estudio de Materiales que se incorpora en el *Anejo 6. Geología y geotecnia* del presente Estudio Informativo, se determinan y justifican los diferentes coeficientes de paso que se utilizarán en el estudio de la compensación de tierras, en función de la densidad en origen y en destino, incluyéndose los rellenos en formación de vertedero.

En el caso de los suelos, el cálculo de su *coeficiente de paso* será el resultado de considerar el factor de esponjamiento en la excavación y el factor de compactación. En consecuencia, el coeficiente de paso se obtendrá con la fórmula que relaciona la densidad seca natural con la densidad Proctor Modificado para un grado de compactación del 95% y humedad óptima.

C.P. = Densidad Seca Natural / Densidad Seca Compactada

Para el cálculo se toman muestras representativas de diferentes puntos de la traza y se obtienen la media de los coeficientes de paso resultantes.

### 4.2.2. Compensación de tierras

Se procede a continuación a realizar la compensación de tierras. La operación descrita a continuación da lugar al diagrama de masas y determina el volumen de material que será necesario transportar desde préstamos.

Se parte de las mediciones realizadas en cada progresiva relativos a la cubicación inicial de ISPOL. La compensación de explanaciones se lleva a cabo unificando, junto con la plataforma, los cálculos previos de reposición de viales.

Como excavación se consideran los siguientes conceptos:

- Material excavable por medios Mecánicos/Ripables
- Material excavable por voladura
- Aprovechabilidad (%)

Como rellenos se consideran los siguientes conceptos:

- Material procedente de la traza
- Material procedente de préstamo.

El material sobrante de excavación se transporta a vertedero.

Con todos ellos se configura el modelo definitivo de desmontes y terraplenes aptos para compensación.

| | FIRME | | EXCAVACIÓN | | | | TERRAPLÉN | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOMBRE | SUBBALASTO | CAPA DE FORMA | D RIPABLE | D VOLABLE | EX. TÚNEL | APROVECHABLE | DE LA TRAZA | DE PRÉSTAMO | VEGETAL | A DEPÓSITO | A VERTEDERO | DEPÓSITO+VERTEDERO |
| ALTERNATIVA H | 106 796.53 | 210 147.54 | 3 815 171.93 | 65 635.21 | 4 411 670.30 | 7 462 930.91 | 1 890 618.81 | 0 | 309 057.57 | 5 572 312.09 | 1 402 033.13 | 6 974 345.22 |
| GALERÍAS EVACUACIÓN ALT. H | | | 10 316.00 | | | | | | | | | |
| DESVÍO FERROVIARIO | 2 873.28 | 6 960.83 | 112 496.94 | 0 | 0 | 51 961.47 | 253.48 | 0 | 8 574.01 | 51 707.99 | 0 | 51 707.99 |
| ALTERNATIVA H | 109 669.81 | 217 108.37 | 3 937 984.87 | 65 635.21 | 4 411 670.30 | 7 514 892.37 | 1 890 872.29 | 0.00 | 317 631.58 | 5 624 020.08 | 1 402 033.13 | 7 026 053.20 |
| | | | | | | | | | | | | |
| ALTERNATIVA V | 278 273.63 | 547 550.18 | 12 490 694.58 | 679 506.99 | 785 067.03 | 11 310 433.88 | 3 536 403.41 | 0 | 1 027 915.52 | 7 095 766.18 | 2 538 031.98 | 9 633 798.15 |
| DESVÍO FERROVIARIO | 2 873.28 | 6 960.83 | 112 496.94 | 0 | 0 | 51 961.47 | 0.00 | 0 | 8 574.01 | 51 707.99 | 0 | 51 707.99 |
| ALTERNATIVA V | 281 146.91 | 554 511.01 | 12 603 191.52 | 679 506.99 | 785 067.03 | 11 362 395.34 | 3 536 403.41 | 0.00 | 1 036 489.53 | 7 147 474.16 | 2 538 031.98 | 9 685 506.14 |

Para la **Alternativa H** el volumen total de tierras ha resultado el siguiente:

- Volumen de desmonte: 8.415.290 $m^3$ de los cuales son aprovechables 7.462.930,91 $m^3$
- Volumen de terraplén: 1.890.872 $m^3$, todo él proveniente de la traza
- Volumen a Vertedero: 7.026.053 $m^3$

Para la **Alternativa V** el volumen total de tierras ha resultado el siguiente:

- Volumen de desmonte: 14.067.765 $m^3$ de los cuales son aprovechables 11.362.395 $m^3$
- Volumen de terraplén: 3.536.403 $m^3$, todo él proveniente de la traza
- Volumen a Vertedero: 9.685.506,14 $m^3$

# APÉNDICE 1

# LISTADOS DE TRAZADO

# ÍNDICE

**1. LISTADOS DE TRAZADO EN PLANTA**
1.1. ALTERNATIVA H
1.2. ALTERNATIVA V
1.3. ALTERNATIVA DUPLICACIÓN+VARIANTES
**2. LISTADOS DE TRAZADO EN ALZADO**
2.1. ALTERNATIVA H
2.2. ALTERNATIVA V
2.3. ALTERNATIVA DUPLICACIÓN+VARIANTES

# 1. LISTADOS DE TRAZADO EN PLANTA

## 1.1. ALTERNATIVA H.

PK 0+000 a PK 25+200. EJE DE ENTREVÍA.

| DATO | TIPO | LONGITUD | P.K. | X TANGENCIA | Y TANGENCIA | RADIO | PARAMETRO | AZIMUT | Cos/Xc/Xinf | Sen/Yc/Yinf |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CIRC. | 2793.039017 | 0.000000 | 602377.622037 | 4743426.897823 | -7000.000000 | | 379.6495143 | 595732.236124 | 4741227.160095 |
| | CLOT. | 450.000000 | 2793.039017 | 601001.009265 | 4745835.850754 | | 1774.823935 | 354.2480305 | 600697.560769 | 4746168.116330 |
| 2 | RECTA | 3386.900758 | 3243.039017 | 600697.560769 | 4746168.116330 | | | 352.2017527 | -0.6822334801 | 0.7311343779 |
| | CLOT. | 390.000000 | 6629.939775 | 598386.903678 | 4748644.395909 | | 1396.424004 | 352.2017527 | 598386.903678 | 4748644.395909 |
| 3 | CIRC. | 2168.431177 | 7019.939775 | 598117.166638 | 4748926.036401 | -5000.000000 | | 349.7189356 | 594597.276342 | 4745374.927800 |
| | CLOT. | 390.000000 | 9188.370953 | 596299.063408 | 4750076.408501 | | 1396.424004 | 322.1096123 | 595929.046015 | 4750199.561113 |
| | CLOT. | 470.000000 | 9578.370953 | 595929.046015 | 4750199.561113 | | 1679.285562 | 319.6267952 | 595929.046015 | 4750199.561113 |
| 4 | CIRC. | 1309.988212 | 10048.370953 | 595483.136121 | 4750348.000485 | 6000.000000 | | 322.1202227 | 597526.220869 | 4755989.436890 |
| | CLOT. | 470.000000 | 11358.359165 | 594309.698230 | 4750924.460867 | | 1679.285562 | 336.0196293 | 593919.681889 | 4751186.676682 |
| | CLOT. | 470.000000 | 11828.359165 | 593919.681889 | 4751186.676682 | | 1747.855829 | 338.5130567 | 593919.681889 | 4751186.676682 |
| 5 | CIRC. | 3420.271927 | 12298.359165 | 593529.925140 | 4751449.286682 | -6500.000000 | | 336.2114314 | 590028.843269 | 4745972.752584 |
| | CLOT. | 470.000000 | 15718.631091 | 590305.738451 | 4752466.852141 | | 1747.855829 | 302.7127739 | 589835.846259 | 4752475.550583 |
| | CLOT. | 250.000000 | 16188.631091 | 589835.846259 | 4752475.550583 | | 880.340843 | 300.4111486 | 589835.846259 | 4752475.550583 |
| 6 | CIRC. | 986.634018 | 16438.631091 | 589585.913815 | 4752480.524641 | 3100.000000 | | 302.9781638 | 589730.881678 | 4755577.133160 |
| | CLOT. | 250.000000 | 17425.265109 | 588624.194292 | 4752681.404749 | | 880.340843 | 323.2398001 | 588393.167768 | 4752776.891467 |
| | CLOT. | 470.000000 | 17675.265109 | 588393.167768 | 4752776.891467 | | 1454.303957 | 325.8068153 | 588393.167768 | 4752776.891467 |
| 7 | CIRC. | 2200.249350 | 18145.265109 | 587958.150600 | 4752954.673691 | -4500.000000 | | 322.4822454 | 586401.801334 | 4748732.378467 |
| | CLOT. | 470.000000 | 20345.514459 | 585792.604567 | 4753190.952151 | | 1454.303957 | 291.3550845 | 585329.484394 | 4753111.163922 |
| | CLOT. | 470.000000 | 20815.514459 | 585329.484394 | 4753111.163922 | | 1679.285562 | 288.0305146 | 585329.484394 | 4753111.163922 |
| 8 | CIRC. | 1448.252278 | 21285.514459 | 584866.691271 | 4753029.356794 | 6000.000000 | | 290.5239420 | 583976.888134 | 4758963.010843 |
| | CLOT. | 470.000000 | 22733.766737 | 583422.525059 | 4752988.675601 | | 1679.285562 | 305.8903759 | 582955.860568 | 4753044.300532 |
| 9 | RECTA | 1996.233261 | 23203.766737 | 582955.860568 | 4753044.300532 | | | 308.3838034 | -0.9913410711 | 0.1313121501 |
| | | | 25199.999997 | 580976.912549 | 4753306.430214 | | | 308.3838034 | | |

PK 25+200 a PK 55+098.112. VÍA DERECHA.

| DATO | TIPO | LONGITUD | P.K. | X TANGENCIA | Y TANGENCIA | RADIO | PARAMETRO | AZIMUT | Cos/Xc/Xinf | Sen/Yc/Yinf |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RECTA | 1655.434464 | 25200.000000 | 580977.221133 | 4753308.759866 | | | 308.3838040 | -0.9913410698 | 0.1313121600 |
| | CLOT. | 470.000000 | 26855.434464 | 579336.120960 | 4753526.138541 | | 1679.285562 | 308.3838040 | 579336.120960 | 4753526.138541 |
| 2 | CIRC. | 237.997885 | 27325.434464 | 578869.456470 | 4753581.763477 | -6000.000000 | | 305.8903766 | 578315.093336 | 4747607.428240 |
| | CLOT. | 470.000000 | 27563.432348 | 578632.102687 | 4753599.047810 | | 1679.285562 | 303.3651406 | 578162.302843 | 4753611.617119 |
| | CLOT. | 470.000000 | 28033.432348 | 578162.302843 | 4753611.617119 | | 1679.285562 | 300.8717131 | 578162.302843 | 4753611.617119 |
| 3 | CIRC. | 298.013154 | 28503.432348 | 577692.503000 | 4753624.186428 | 6000.000000 | | 303.3651406 | 578009.512351 | 4759615.805998 |
| | CLOT. | 470.000000 | 28801.445503 | 577395.419389 | 4753647.314578 | | 1679.285562 | 306.5271583 | 576929.334624 | 4753707.604486 |
| 4 | RECTA | 6447.618287 | 29271.445503 | 576929.334624 | 4753707.604486 | | | 309.0205858 | -0.9899780440 | 0.1412213593 |
| | CLOT. | 470.000000 | 35719.063790 | 570546.334084 | 4754618.145905 | | 1607.793519 | 309.0205858 | 570546.334084 | 4754618.145905 |
| 5 | CIRC. | 5882.912740 | 36189.063790 | 570082.074544 | 4754691.133817 | 5500.000000 | | 311.7406884 | 571090.657193 | 4760097.866753 |
| | CLOT. | 470.000000 | 42071.976530 | 565864.273139 | 4758384.708932 | | 1607.793519 | 379.8348443 | 565730.666478 | 4758835.279033 |
| 6 | RECTA | 2469.201656 | 42541.976530 | 565730.666478 | 4758835.279033 | | | 382.5549469 | -0.2706096498 | 0.9626891593 |
| | CLOT. | 230.000000 | 45011.178186 | 565062.476683 | 4761212.352700 | | 1072.380529 | 382.5549469 | 565062.476683 | 4761212.352700 |
| 7 | CIRC. | 1886.959437 | 45241.178186 | 564998.542278 | 4761433.282337 | -5000.000000 | | 381.0907214 | 560217.486948 | 4759969.892460 |
| | CLOT. | 230.000000 | 47128.137623 | 564122.839055 | 4763092.107206 | | 1072.380529 | 357.0652077 | 563976.483027 | 4763269.525993 |
| | CLOT. | 320.000000 | 47358.137623 | 563976.483027 | 4763269.525993 | | 1073.312629 | 355.6009822 | 563976.483027 | 4763269.525993 |
| 8 | CIRC. | 695.901331 | 47678.137623 | 563774.639834 | 4763517.802748 | 3600.000000 | | 358.4304034 | 566634.050141 | 4765704.986483 |
| | CLOT. | 320.000000 | 48374.038954 | 563407.730355 | 4764107.845088 | | 1073.312629 | 370.7366409 | 563274.332388 | 4764398.683539 |
| 9 | RECTA | 873.673089 | 48694.038954 | 563274.332388 | 4764398.683539 | | | 373.5660621 | -0.4033942897 | 0.9150262548 |
| | CLOT. | 320.000000 | 49567.712043 | 562921.897653 | 4765198.117353 | | 1077.775487 | 373.5660621 | 562921.897653 | 4765198.117353 |
| 10 | CIRC. | 804.471296 | 49887.712043 | 562788.535102 | 4765488.972553 | -3630.000000 | | 370.7600245 | 559534.738003 | 4763879.716689 |
| | CLOT. | 319.999846 | 50692.183340 | 562355.230663 | 4766164.825253 | | 1077.775227 | 356.6514203 | 562146.588481 | 4766407.416800 |
| 11 | RECTA | 427.452852 | 51012.183186 | 562146.588481 | 4766407.416800 | | | 353.8453841 | -0.6631317091 | 0.7485027297 |
| | CLOT. | 300.000000 | 51439.636038 | 561863.130940 | 4766727.366427 | | 948.683298 | 353.8453841 | 561863.130940 | 4766727.366427 |
| 12 | CIRC. | 1454.663394 | 51739.636038 | 561660.499311 | 4766948.546048 | -3000.000000 | | 350.6622852 | 559517.225739 | 4764849.408513 |
| | CLOT. | 300.000000 | 53194.299432 | 560435.011184 | 4767705.572002 | | 948.683298 | 319.7933692 | 560146.526805 | 4767787.771546 |
| | CLOT. | 280.000000 | 53494.299432 | 560146.526805 | 4767787.771546 | | 529.150262 | 316.6102704 | 560146.526805 | 4767787.771546 |
| 13 | CIRC. | 86.622833 | 53774.299432 | 559879.899230 | 4767872.466575 | 1000.000000 | | 325.5229472 | 560270.158814 | 4768793.171444 |
| | CLOT. | 280.000000 | 53860.922266 | 559801.708111 | 4767909.681807 | | 529.150262 | 331.0375280 | 559567.837140 | 4768063.200146 |
| 14 | RECTA | 957.189932 | 54140.922266 | 559567.837140 | 4768063.200146 | | | 339.9502048 | -0.8094765012 | 0.5871522749 |
| | | | 55098.112197 | 558793.014383 | 4768625.216392 | | | 339.9502048 | | |

PK 25+200 a PK 55+082.852. VÍA IZQUIERDA.

| DATO | TIPO | LONGITUD | P.K. | X TANGENCIA | Y TANGENCIA | RADIO | PARAMETRO | AZIMUT | Cos/Xc/Xinf | Sen/Yc/Yinf |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RECTA | 91.763237 | 25200.000000 | 580976.603965 | 4753304.100562 | | | 308.3838040 | -0.9913410698 | 0.1313121600 |
| | CLOT. | 470.000000 | 25291.763237 | 580885.635300 | 4753316.150191 | | 4335.896678 | 308.3838040 | 580885.635300 | 4753316.150191 |
| 2 | CIRC. | 446.168212 | 25761.763237 | 580419.585744 | 4753376.954249 | -40000.000000 | | 308.0097899 | 575400.153802 | 4713693.137611 |
| | CLOT. | 470.000000 | 26207.931449 | 579976.641238 | 4753430.472231 | | 4335.896678 | 307.2996911 | 579509.521241 | 4753482.416726 |
| 3 | RECTA | 347.266384 | 26677.931449 | 579509.521241 | 4753482.416726 | | | 306.9256770 | -0.9940883888 | 0.1085738239 |
| | CLOT. | 470.000000 | 27025.197833 | 579164.307761 | 4753520.120765 | | 1675.082088 | 306.9256770 | 579164.307761 | 4753520.120765 |
| 4 | CIRC. | 89.713328 | 27495.197833 | 578696.489113 | 4753565.012745 | -5970.000000 | | 304.4197198 | 578282.355943 | 4747609.394077 |
| | CLOT. | 470.000000 | 27584.911161 | 578606.948508 | 4753570.563397 | | 1675.082088 | 303.4630484 | 578137.167134 | 4753583.793561 |
| | CLOT. | 470.000000 | 28054.911161 | 578137.167134 | 4753583.793561 | | 1683.478542 | 300.9570912 | 578137.167134 | 4753583.793561 |
| 5 | CIRC. | 293.766299 | 28524.911161 | 577667.383396 | 4753596.962411 | 6030.000000 | | 303.4381135 | 577992.879857 | 4759618.170932 |
| | CLOT. | 470.000000 | 28818.677460 | 577374.547604 | 4753619.957429 | | 1683.478542 | 306.5395635 | 576908.466442 | 4753680.277651 |
| 6 | RECTA | 6430.824144 | 29288.677460 | 576908.466442 | 4753680.277651 | | | 309.0205859 | -0.9899780438 | 0.1412213606 |
| | CLOT. | 470.000000 | 35719.501604 | 570542.091735 | 4754588.447387 | | 1612.172447 | 309.0205859 | 570542.091735 | 4754588.447387 |
| 7 | CIRC. | 5917.564953 | 36189.501604 | 570077.826150 | 4754661.399494 | 5530.000000 | | 311.7259321 | 571090.650057 | 4760097.858611 |
| | CLOT. | 470.000000 | 42107.066557 | 565835.359339 | 4758376.574360 | | 1612.172447 | 379.8496003 | 565701.787371 | 4758827.155177 |
| 8 | RECTA | 2468.756904 | 42577.066557 | 565701.787371 | 4758827.155177 | | | 382.5549466 | -0.2706096551 | 0.9626891578 |
| | CLOT. | 230.000000 | 45045.823461 | 565033.717916 | 4761203.800682 | | 1069.158548 | 382.5549466 | 565033.717916 | 4761203.800682 |
| 9 | CIRC. | 1866.611245 | 45275.823461 | 564969.773305 | 4761424.727296 | -4970.000000 | | 381.0818827 | 560217.606308 | 4759969.457961 |
| | CLOT. | 240.000000 | 47142.434706 | 564104.726450 | 4763066.423735 | | 1092.153835 | 357.1719908 | 563952.176776 | 4763251.695460 |
| | CLOT. | 320.000000 | 47382.434706 | 563952.176776 | 4763251.695460 | | 1077.775487 | 355.6348807 | 563952.176776 | 4763251.695460 |
| 10 | CIRC. | 702.435777 | 47702.434706 | 563750.435113 | 4763500.055318 | 3630.000000 | | 358.4409183 | 566634.038061 | 4765704.989339 |
| | CLOT. | 320.000000 | 48404.870484 | 563380.240301 | 4764095.734810 | | 1077.775487 | 370.7600506 | 563246.877869 | 4764386.590065 |
| 11 | RECTA | 873.673837 | 48724.870484 | 563246.877869 | 4764386.590065 | | | 373.5660882 | -0.4033939140 | 0.9150264205 |
| | CLOT. | 320.000000 | 49598.544321 | 562894.443161 | 4765186.024709 | | 1073.312629 | 373.5660882 | 562894.443161 | 4765186.024709 |
| 12 | CIRC. | 1527.865913 | 49918.544321 | 562761.045313 | 4765476.863214 | -3600.000000 | | 370.7366670 | 559534.724871 | 4763879.723144 |
| | CLOT. | 85.000000 | 51446.410234 | 561817.144468 | 4766663.706043 | | 833.939174 | 343.7180656 | 561964.318197 | 4766538.579226 |
| 13 | CIRC. | 698.742609 | 51531.410234 | 561750.690370 | 4766716.699931 | -2500.000000 | | 341.8842470 | 560222.017003 | 4764738.529630 |
| | CLOT. | 310.000000 | 52230.152843 | 561145.646866 | 4767061.654223 | | 880.340843 | 324.0909126 | 560853.142801 | 4767164.165396 |
| | CLOT. | 160.000000 | 52540.152843 | 560853.142801 | 4767164.165396 | | 565.685425 | 320.1438700 | 560853.142801 | 4767164.165396 |
| 14 | CIRC. | 751.413263 | 52700.152843 | 560701.773954 | 4767215.971105 | 2000.000000 | | 322.6903491 | 561399.615343 | 4769090.275615 |
| | CLOT. | 160.000000 | 53451.566106 | 560062.710903 | 4767602.765440 | | 565.685425 | 346.6085761 | 559946.612399 | 4767712.844942 |
| | CLOT. | 160.000000 | 53611.566106 | 559946.612399 | 4767712.844942 | | 565.685425 | 349.1550552 | 559946.612399 | 4767712.844942 |
| 15 | CIRC. | 129.178904 | 53771.566106 | 559830.513895 | 4767822.924443 | -2000.000000 | | 346.6085761 | 558493.609456 | 4766335.414268 |
| | CLOT. | 160.000000 | 53900.745009 | 559731.715539 | 4767906.112625 | | 565.685425 | 342.4966839 | 559603.472468 | 4768001.768644 |
| 16 | RECTA | 1022.106839 | 54060.745009 | 559603.472468 | 4768001.768644 | | | 339.9502048 | -0.8094765015 | 0.5871522746 |
| | | | 55082.851849 | 558776.101000 | 4768601.901000 | | | 339.9502048 | | |

## 1.2. ALTERNATIVA V.

| DATO | TIPO | LONGITUD | P.K. | X TANGENCIA | Y TANGENCIA | RADIO | PARAMETRO | AZIMUT | Cos/Xc/Xinf | Sen/Yc/Yinf |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CIRC. | 2793.039017 | 0.000000 | 602377.622037 | 4743426.897823 | -7000.000000 | | 379.6495143 | 595732.236124 | 4741227.160095 |
| | CLOT. | 450.000000 | 2793.039017 | 601001.009265 | 4745835.850754 | | 1774.823935 | 354.2480305 | 600697.560769 | 4746168.116330 |
| 2 | RECTA | 3386.900758 | 3243.039017 | 600697.560769 | 4746168.116330 | | | 352.2017527 | -0.6822334801 | 0.7311343779 |
| | CLOT. | 390.000000 | 6629.939775 | 598386.903678 | 4748644.395909 | | 1396.424004 | 352.2017527 | 598386.903678 | 4748644.395909 |
| 3 | CIRC. | 2168.431177 | 7019.939775 | 598117.166638 | 4748926.036401 | -5000.000000 | | 349.7189356 | 594597.276342 | 4745374.927800 |
| | CLOT. | 390.000000 | 9188.370953 | 596299.063408 | 4750076.408501 | | 1396.424004 | 322.1096123 | 595929.046015 | 4750199.561113 |
| | CLOT. | 470.000000 | 9578.370953 | 595929.046015 | 4750199.561113 | | 1679.285562 | 319.6267952 | 595929.046015 | 4750199.561113 |
| 4 | CIRC. | 810.774338 | 10048.370953 | 595483.136121 | 4750348.000485 | 6000.000000 | | 322.1202227 | 597526.220869 | 4755989.436890 |
| | CLOT. | 400.000000 | 10859.145291 | 594741.756865 | 4750674.668766 | | 1549.193338 | 330.7228056 | 594391.668574 | 4750868.117433 |
| | CLOT. | 390.000000 | 11259.145291 | 594391.668574 | 4750868.117433 | | 1396.424004 | 332.8448715 | 594391.668574 | 4750868.117433 |
| 5 | CIRC. | 1767.866299 | 11649.145291 | 594049.983067 | 4751056.081398 | -5000.000000 | | 330.3620544 | 591754.731034 | 4746614.030283 |
| | CLOT. | 390.000000 | 13417.011590 | 592369.931995 | 4751576.038725 | | 1396.424004 | 307.8528816 | 591981.804893 | 4751613.943735 |
| 6 | RECTA | 1993.776981 | 13807.011590 | 591981.804893 | 4751613.943735 | | | 305.3700644 | -0.9964444137 | 0.0842527769 |
| | CLOT. | 390.000000 | 15800.788571 | 589995.116958 | 4751781.924982 | | 1444.472222 | 305.3700644 | 589995.116958 | 4751781.924982 |
| 7 | CIRC. | 690.121391 | 16190.788571 | 589606.156083 | 4751810.058178 | -5350.000000 | | 303.0496746 | 589349.966746 | 4746466.195621 |
| | CLOT. | 390.000000 | 16880.909961 | 588916.608004 | 4751798.615353 | | 1444.472222 | 294.8376200 | 588528.794761 | 4751757.591846 |
| | CLOT. | 390.000000 | 17270.909961 | 588528.794761 | 4751757.591846 | | 1444.472222 | 292.5172302 | 588528.794761 | 4751757.591846 |
| 8 | CIRC. | 222.561744 | 17660.909961 | 588140.981518 | 4751716.568338 | 5350.000000 | | 294.8376200 | 587707.622776 | 4757048.988070 |
| | CLOT. | 390.000000 | 17883.471705 | 587918.840168 | 4751703.159115 | | 1444.472222 | 297.4859790 | 587528.908190 | 4751697.235223 |
| 9 | RECTA | 3020.360409 | 18273.471705 | 587528.908190 | 4751697.235223 | | | 299.8063688 | -0.9999953745 | -0.0030415467 |
| | CLOT. | 350.000000 | 21293.832115 | 584508.561752 | 4751688.048656 | | 1041.633333 | 299.8063688 | 584508.561752 | 4751688.048656 |
| 10 | CIRC. | 856.858647 | 21643.832115 | 584158.654864 | 4751693.568946 | 3100.000000 | | 303.4001901 | 584324.147347 | 4754789.148413 |
| | CLOT. | 350.000000 | 22500.690762 | 583320.153373 | 4751856.232441 | | 1041.633333 | 320.9967436 | 582993.563507 | 4751981.947846 |
| | CLOT. | 350.000000 | 22850.690762 | 582993.563507 | 4751981.947846 | | 1041.633333 | 324.5905649 | 582993.563507 | 4751981.947846 |
| 11 | CIRC. | 2592.886502 | 23200.690762 | 582666.973641 | 4752107.663252 | -3100.000000 | | 320.9967436 | 581662.979668 | 4749174.747280 |
| | CLOT. | 350.000000 | 25793.577264 | 580158.840576 | 4751885.386612 | | 1041.633333 | 267.7489108 | 579859.449503 | 4751704.195306 |
| 12 | RECTA | 2363.010467 | 26143.577264 | 579859.449503 | 4751704.195306 | | | 264.1550895 | -0.8456307682 | -0.5337683053 |
| | CLOT. | 470.000000 | 28506.587731 | 577861.215147 | 4750442.895214 | | 1651.060265 | 264.1550895 | 577861.215147 | 4750442.895214 |
| 13 | CIRC. | 3945.637832 | 28976.587731 | 577460.446123 | 4750197.432474 | 5800.000000 | | 266.7344972 | 574565.799618 | 4755223.466856 |
| | CLOT. | 470.000000 | 32922.225563 | 573654.644881 | 4749495.483175 | | 1651.060265 | 310.0426189 | 573192.677881 | 4749581.821225 |
| | CLOT. | 470.000000 | 33392.225563 | 573192.677881 | 4749581.821225 | | 1622.343983 | 312.6220266 | 573192.677881 | 4749581.821225 |
| 14 | CIRC. | 3544.611542 | 33862.225563 | 572730.671743 | 4749667.935989 | -5600.000000 | | 309.9504972 | 571858.939884 | 4744136.201761 |
| | CLOT. | 470.000000 | 37406.837105 | 569289.559842 | 4749111.971671 | | 1622.343983 | 269.6546081 | 568878.178364 | 4748884.747765 |
| | CLOT. | 470.000000 | 37876.837105 | 568878.178364 | 4748884.747765 | | 1679.285562 | 266.9830787 | 568878.178364 | 4748884.747765 |
| 15 | CIRC. | 140.349172 | 38346.837105 | 568467.004803 | 4748657.138049 | 6000.000000 | | 269.4765061 | 565699.193792 | 4753980.597657 |
| | CLOT. | 470.000000 | 38487.186277 | 568341.735113 | 4748593.856957 | | 1679.285562 | 270.9656571 | 567914.542326 | 4748397.958505 |
| | CLOT. | 470.000000 | 38957.186277 | 567914.542326 | 4748397.958505 | | 1207.062550 | 273.4590845 | 567914.542326 | 4748397.958505 |
| 16 | CIRC. | 632.752011 | 39427.186277 | 567489.853211 | 4748196.895476 | -3100.000000 | | 268.6330959 | 568956.201060 | 4745465.627641 |
| | CLOT. | 470.000000 | 40059.938287 | 566966.667264 | 4747842.969701 | | 1207.062550 | 255.6388236 | 566622.017785 | 4747523.589170 |

| DATO | TIPO | LONGITUD | P.K. | X TANGENCIA | Y TANGENCIA | RADIO | PARAMETRO | AZIMUT | Cos/Xc/Xinf | Sen/Yc/Yinf |
|---|---|---|---|---|---|---|---|---|---|---|
| | CLOT. | 470.000000 | 40529.938287 | 566622.017785 | 4747523.589170 | | 1207.062550 | 250.8128350 | 566622.017785 | 4747523.589170 |
| 17 | CIRC. | 1564.741812 | 40999.938287 | 566277.368307 | 4747204.208639 | 3100.000000 | | 255.6388236 | 564287.834511 | 4749581.550699 |
| | CLOT. | 350.000000 | 42564.680099 | 564879.592192 | 4746538.554997 | | 1041.633333 | 287.7725519 | 564533.806576 | 4746484.725532 |
| | CLOT. | 470.000000 | 42914.680099 | 564533.806576 | 4746484.725532 | | 1813.835715 | 291.3663732 | 564533.806576 | 4746484.725532 |
| 18 | CIRC. | 586.560312 | 43384.680099 | 564068.885569 | 4746415.977238 | -7000.000000 | | 289.2291497 | 565247.560398 | 4739515.924655 |
| | CLOT. | 470.000000 | 43971.240411 | 563495.512272 | 4746293.116357 | | 1813.835715 | 283.8946369 | 563043.241509 | 4746165.331276 |
| | CLOT. | 470.000000 | 44441.240411 | 563043.241509 | 4746165.331276 | | 1371.130920 | 281.7574134 | 563043.241509 | 4746165.331276 |
| 19 | CIRC. | 523.313115 | 44911.240411 | 562589.961095 | 4746041.359092 | 4000.000000 | | 285.4975545 | 561686.606344 | 4749938.017942 |
| | CLOT. | 470.000000 | 45434.553526 | 562073.901048 | 4745956.811742 | | 1371.130920 | 293.8263414 | 561604.758128 | 4745929.661107 |
| 20 | RECTA | 5114.990607 | 45904.553526 | 561604.758128 | 4745929.661107 | | | 297.5664826 | -0.9992694906 | -0.0382162933 |
| | CLOT. | 470.000000 | 51019.544133 | 556493.504070 | 4745734.185126 | | 1813.835715 | 297.5664826 | 556493.504070 | 4745734.185126 |
| 21 | CIRC. | 3732.771435 | 51489.544133 | 556024.101322 | 4745710.970233 | -7000.000000 | | 295.4292591 | 556526.248862 | 4738729.004332 |
| | CLOT. | 470.000000 | 55222.315568 | 552544.625925 | 4744486.319573 | | 1813.835715 | 261.4813148 | 552164.161999 | 4744210.411850 |
| | CLOT. | 370.000000 | 55692.315568 | 552164.161999 | 4744210.411850 | | 1290.348790 | 259.3440913 | 552164.161999 | 4744210.411850 |
| 22 | CIRC. | 3615.855106 | 56062.315568 | 551864.110437 | 4743993.966719 | 4500.000000 | | 261.9613059 | 549332.473534 | 4747714.291247 |
| | CLOT. | 260.000000 | 59678.170674 | 548411.958970 | 4743309.446990 | | 1081.665383 | 313.1151915 | 548158.537705 | 4743367.521494 |
| | CLOT. | 330.000000 | 59938.170674 | 548158.537705 | 4743367.521494 | | 1082.358536 | 314.9543153 | 548158.537705 | 4743367.521494 |
| 23 | CIRC. | 1214.753289 | 60268.170674 | 547836.479977 | 4743439.340084 | -3550.000000 | | 311.9953784 | 547171.529465 | 4739952.172062 |
| | CLOT. | 330.000000 | 61482.923963 | 546627.826032 | 4743460.289303 | | 1082.358536 | 290.2112667 | 546303.472882 | 4743399.674749 |
| | CLOT. | 330.000000 | 61812.923963 | 546303.472882 | 4743399.674749 | | 1082.358536 | 287.2523298 | 546303.472882 | 4743399.674749 |
| 24 | CIRC. | 296.409430 | 62142.923963 | 545979.119732 | 4743339.060196 | 3550.000000 | | 290.2112667 | 545435.416299 | 4746847.177437 |
| | CLOT. | 330.000000 | 62439.333393 | 545684.653432 | 4743305.937421 | | 1082.358536 | 295.5267626 | 545354.939630 | 4743292.979846 |
| | CLOT. | 160.000000 | 62769.333393 | 545354.939630 | 4743292.979846 | | 894.427191 | 298.4856996 | 545354.939630 | 4743292.979846 |
| 25 | CIRC. | 191.686977 | 62929.333393 | 545195.009283 | 4743288.321374 | -5000.000000 | | 297.4671080 | 545393.889679 | 4738292.278281 |
| | CLOT. | 230.000000 | 63121.020370 | 545003.667053 | 4743277.027653 | | 1072.380529 | 295.0264736 | 544774.676148 | 4743255.564247 |
| | CLOT. | 260.000000 | 63351.020370 | 544774.676148 | 4743255.564247 | | 1081.665383 | 293.5622481 | 544774.676148 | 4743255.564247 |
| 26 | CIRC. | 2103.238425 | 63611.020370 | 544515.773252 | 4743231.809757 | 4500.000000 | | 295.4013719 | 544190.997997 | 4747720.074571 |
| | CLOT. | 260.000000 | 65714.258794 | 542458.733016 | 4743566.851962 | | 1081.665383 | 325.1561089 | 542220.749851 | 4743671.537198 |
| | CLOT. | 330.000000 | 65974.258794 | 542220.749851 | 4743671.537198 | | 1082.358536 | 326.9952327 | 542220.749851 | 4743671.537198 |
| 27 | CIRC. | 820.068389 | 66304.258794 | 541917.938304 | 4743802.625936 | -3550.000000 | | 324.0362957 | 540609.214516 | 4740502.665021 |
| | CLOT. | 230.000000 | 67124.327183 | 541127.628098 | 4744014.608551 | | 903.603896 | 309.3300492 | 540899.432124 | 4744043.273212 |
| 28 | RECTA | 1378.812956 | 67354.327183 | 540899.432124 | 4744043.273212 | | | 307.2677598 | -0.9934906269 | 0.1139138896 |
| | CLOT. | 50.000000 | 68733.140140 | 539529.594375 | 4744200.339159 | | 1118.033989 | 307.2677598 | 539529.594375 | 4744200.339159 |
| 29 | CIRC. | 678.638851 | 68783.140140 | 539479.921748 | 4744206.051412 | 25000.000000 | | 307.3314218 | 542352.604826 | 4769040.456819 |
| | CLOT. | 50.000000 | 69461.778991 | 538806.919192 | 4744293.171849 | | 1118.033989 | 309.0595614 | 538757.429363 | 4744300.296214 |
| 30 | RECTA | 4478.669178 | 69511.778991 | 538757.429363 | 4744300.296214 | | | 309.1232234 | -0.9897490765 | 0.1428172457 |
| | CLOT. | 280.000000 | 73990.448168 | 534324.670681 | 4744939.927411 | | 529.150262 | 309.1232234 | 534324.670681 | 4744939.927411 |
| 31 | CIRC. | 160.313374 | 74270.448168 | 534046.220087 | 4744966.923306 | -1000.000000 | | 300.2105466 | 534042.912834 | 4743966.928775 |
| | CLOT. | 280.000000 | 74430.761542 | 533886.550982 | 4744954.628613 | | 529.150262 | 290.0046802 | 533615.515805 | 4744885.321724 |
| 32 | RECTA | 54.452551 | 74710.761542 | 533615.515805 | 4744885.321724 | | | 281.0920034 | -0.9562169596 | -0.2926587195 |
| | | | 74765.214094 | 533563.447352 | 4744869.385710 | | | 281.0920034 | | |

## 1.3. REPOSICIONES

### Desvío Ferroviario 5+150

| DATO | TIPO | LONGITUD | P.K. | X TANGENCIA | Y TANGENCIA | RADIO | PARAMETRO | AZIMUT | Cos/Xc/Xinf | Sen/Yc/Yinf |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RECTA | 21.667980 | 0.000000 | 599941.194111 | 4747757.988668 | | | 279.5048132 | -0.9486241192 | -0.3164052473 |
| | CLOT. | 70.000000 | 21.667980 | 599920.639343 | 4747751.132806 | | 187.082869 | 279.5048132 | 599920.639343 | 4747751.132806 |
| 2 | CIRC. | 147.865960 | 91.667980 | 599854.784799 | 4747727.446411 | -500.000000 | | 275.0484748 | 600045.774721 | 4747265.361084 |
| | CLOT. | 70.000000 | 239.533939 | 599728.405664 | 4747651.724749 | | 187.082869 | 256.2215960 | 599676.457724 | 4747604.828291 |
| | CLOT. | 70.000000 | 309.533939 | 599676.457724 | 4747604.828291 | | 187.082869 | 251.7652576 | 599676.457724 | 4747604.828291 |
| 3 | CIRC. | 366.376737 | 379.533939 | 599624.509785 | 4747557.931833 | 500.000000 | | 256.2215960 | 599307.140728 | 4747944.295498 |
| | CLOT. | 70.000000 | 745.910677 | 599284.606407 | 4747444.803552 | | 187.082869 | 302.8701311 | 599214.916022 | 4747451.215756 |
| | CLOT. | 70.000000 | 815.910677 | 599214.916022 | 4747451.215756 | | 187.082869 | 307.3264695 | 599214.916022 | 4747451.215756 |
| 4 | CIRC. | 148.439770 | 885.910677 | 599145.225636 | 4747457.627960 | -500.000000 | | 302.8701311 | 599122.691315 | 4746958.136014 |
| | CLOT. | 70.000000 | 1034.350447 | 598998.119633 | 4747442.369321 | | 187.082869 | 283.9701926 | 598931.228938 | 4747421.790181 |
| 5 | RECTA | 8.570621 | 1104.350447 | 598931.228938 | 4747421.790181 | | | 279.5138542 | -0.9486690441 | -0.3162705245 |
| | | | 1112.921067 | 598923.098255 | 4747419.079546 | | | 279.5138542 | | |

## 2. LISTADOS DE TRAZADO EN ALZADO

### 2.1. ALTERNATIVA H.

PK 0+000 a PK 25+200. EJE DE ENTREVÍA.

| PENDIENTE | LONGITUD | PARAMETRO | VÉRTICE | | ENTRADA AL ACUERDO | | SALIDA DEL ACUERDO | | BISECT. | DIF.PEN | Ve |
|---|---|---|---|---|---|---|---|---|---|---|---|
| (o/oo) | (m.) | ( kv ) | PK | Z | PK | Z | PK | Z | (m.) | (%) | (Km/h) |
| | | | | | | 0.000000 | 432.971000 | | | | |
| 15.00000000 | 600.000000 | 25000.000000 | 323.453625 | 437.822804 | 23.453625 | 433.322804 | 623.453625 | 435.122804 | 1.800000 | -2.400000 | 0.000 |
| -9.00000000 | 805.000000 | 35000.000000 | 1982.169000 | 422.894366 | 1579.669000 | 426.516866 | 2384.669000 | 428.529366 | 2.314375 | 2.300000 | 0.000 |
| 14.00000000 | 320.000000 | 20000.000000 | 5616.000000 | 473.768000 | 5456.000000 | 471.528000 | 5776.000000 | 473.448000 | 0.640000 | -1.600000 | 0.000 |
| -2.00000000 | 350.000000 | 35000.000000 | 8856.696109 | 467.286608 | 8681.696109 | 467.636608 | 9031.696109 | 465.186608 | 0.437500 | -1.000000 | 0.000 |
| -12.00000000 | 385.000000 | 35000.000000 | 9856.874736 | 455.284464 | 9664.374736 | 457.594464 | 10049.374736 | 455.091964 | 0.529375 | 1.100000 | 0.000 |
| -1.00000000 | 210.000000 | 35000.000000 | 13444.439971 | 451.696899 | 13339.439971 | 451.801899 | 13549.439971 | 452.221899 | 0.157500 | 0.600000 | 0.000 |
| 5.00000000 | 375.000000 | 25000.000000 | 13984.888347 | 454.399141 | 13797.388347 | 453.461641 | 14172.388347 | 452.524141 | 0.703125 | -1.500000 | 0.000 |
| -10.00000000 | 375.000000 | 25000.000000 | 14920.330845 | 445.044716 | 14732.830845 | 446.919716 | 15107.830845 | 445.982216 | 0.703125 | 1.500000 | 0.000 |
| 5.00000000 | 150.000000 | 50000.000000 | 15941.899482 | 450.152559 | 15866.899482 | 449.777559 | 16016.899482 | 450.302559 | 0.056250 | -0.300000 | 0.000 |
| 2.00000000 | 300.000000 | 200000.000000 | 18831.737413 | 455.932235 | 18681.737413 | 455.632235 | 18981.737413 | 456.457235 | 0.056250 | 0.150000 | 0.000 |
| 3.50000000 | 315.000000 | 35000.000000 | 20218.921165 | 460.787378 | 20061.421165 | 460.236128 | 20376.421165 | 462.756128 | 0.354375 | 0.900000 | 0.000 |
| 12.50000000 | 360.000000 | 25000.000000 | 21036.609180 | 471.008478 | 20856.609180 | 468.758478 | 21216.609180 | 470.666478 | 0.648000 | -1.440000 | 0.000 |
| -1.90000000 | 297.500000 | 25000.000000 | 22866.866514 | 467.530989 | 22718.116514 | 467.813614 | 23015.616514 | 469.018489 | 0.442531 | 1.190000 | 0.000 |
| 10.00000000 | 200.000000 | 25000.000000 | 23592.209473 | 474.784419 | 23492.209473 | 473.784419 | 23692.209473 | 474.984419 | 0.200000 | -0.800000 | 0.000 |
| 2.00000000 | | | | | | | 25200.000000 | 478.000000 | | | |

## 2.2. ALTERNATIVA V.

PK 25+200 a PK 55+098.112. VÍA DERECHA.

| PENDIENTE | LONGITUD | PARAMETRO | VÉRTICE | | ENTRADA AL ACUERDO | | SALIDA DEL ACUERDO | | BISECT. | DIF.PEN | Ve |
|---|---|---|---|---|---|---|---|---|---|---|---|
| (o/oo) | (m.) | ( kv ) | PK | Z | PK | Z | PK | Z | (m.) | (%) | (Km/h) |
| | | | | | 25200.000000 | 478.000000 | | | | | |
| 2.00000000 | 175.000000 | 35000.000000 | 26189.800000 | 479.979600 | 26102.300000 | 479.804600 | 26277.300000 | 480.592100 | 0.109375 | 0.500000 | 0.000 |
| 7.00000000 | 420.000000 | 20000.000000 | 26811.828546 | 484.333800 | 26601.828546 | 482.863800 | 27021.828546 | 481.393800 | 1.102500 | -2.100000 | 0.000 |
| -14.00000000 | 300.000000 | 25000.000000 | 45473.455705 | 223.071020 | 45323.455705 | 225.171020 | 45623.455705 | 222.771020 | 0.450000 | 1.200000 | 0.000 |
| -2.00000000 | 170.000000 | 42500.000000 | 48185.949775 | 217.646031 | 48100.949775 | 217.816031 | 48270.949775 | 217.816031 | 0.085000 | 0.400000 | 0.000 |
| 2.00000000 | 170.000000 | 13076.923077 | 49977.839561 | 221.229811 | 49892.839561 | 221.059811 | 50062.839561 | 222.504811 | 0.276250 | 1.300000 | 0.000 |
| 15.00000000 | 296.000000 | 16000.000000 | 52324.563512 | 256.430670 | 52176.563512 | 254.210670 | 52472.563512 | 255.912670 | 0.684500 | -1.850000 | 0.000 |
| -3.50000000 | 117.606250 | 15175.000000 | 53174.675157 | 253.455280 | 53115.872032 | 253.661090 | 53233.478282 | 253.705193 | 0.113931 | 0.775000 | 0.000 |
| 4.25000000 | 132.909725 | 12600.000000 | 53936.241023 | 256.691934 | 53869.786160 | 256.409501 | 54002.695885 | 257.675359 | 0.175248 | 1.054839 | 0.000 |
| 14.79839091 | 325.564600 | 22000.000000 | 54481.439862 | 264.760000 | 54318.657562 | 262.351084 | 54644.222162 | 264.760000 | 0.602229 | -1.479839 | 0.000 |
| 0.00000000 | | | | | | | 55098.113000 | 264.760000 | | | |

PK 25+200 a PK 55+082.852. VÍA IZQUIERDA.

| PENDIENTE | LONGITUD | PARAMETRO | VÉRTICE | | ENTRADA AL ACUERDO | | SALIDA DEL ACUERDO | | BISECT. | DIF.PEN | Ve |
|---|---|---|---|---|---|---|---|---|---|---|---|
| (o/oo) | (m.) | ( kv ) | PK | Z | PK | Z | PK | Z | (m.) | (%) | (Km/h) |
| | | | | | 25200.000000 | 478.000000 | | | | | |
| 2.00000000 | 175.000000 | 35000.000000 | 26189.886000 | 479.979772 | 26102.386000 | 479.804772 | 26277.386000 | 480.592272 | 0.109375 | 0.500000 | 0.000 |
| 7.00000000 | 420.000000 | 20000.000000 | 26811.823857 | 484.333337 | 26601.823857 | 482.863337 | 27021.823857 | 481.393337 | 1.102500 | -2.100000 | 0.000 |
| -14.00000000 | 270.000000 | 22500.000000 | 45469.150448 | 223.130765 | 45334.150448 | 225.020765 | 45604.150448 | 222.860765 | 0.405000 | 1.200000 | 0.000 |
| -2.00000000 | 125.000000 | 31250.000000 | 48214.265905 | 217.640534 | 48151.765905 | 217.765534 | 48276.765905 | 217.765534 | 0.062500 | 0.400000 | 0.000 |
| 2.00000000 | 325.000000 | 25000.000000 | 49998.308077 | 221.208618 | 49835.808077 | 220.883618 | 50160.808077 | 223.646118 | 0.528125 | 1.300000 | 0.000 |
| 15.00000000 | 286.000000 | 22000.000000 | 51685.254622 | 246.512816 | 51542.254622 | 244.367816 | 51828.254622 | 246.798816 | 0.464750 | -1.300000 | 0.000 |
| 2.00000000 | 195.000000 | 15000.000000 | 53460.173468 | 250.062654 | 53362.673468 | 249.867654 | 53557.673468 | 251.525154 | 0.316875 | 1.300000 | 0.000 |
| 15.00000000 | 325.000000 | 25000.000000 | 54343.941846 | 263.319180 | 54181.441846 | 260.881680 | 54506.441846 | 263.644180 | 0.528125 | -1.300000 | 0.000 |
| 2.00000000 | | | | | | | 55082.852000 | 264.797000 | | | |

## 2.3. ALTERNATIVA V

| PENDIENTE | LONGITUD | PARAMETRO | VÉRTICE | | ENTRADA AL ACUERDO | | SALIDA DEL ACUERDO | | BISECT. | DIF.PEN | Ve |
|---|---|---|---|---|---|---|---|---|---|---|---|
| (o/oo) | (m.) | ( kv ) | PK | Z | PK | Z | PK | Z | (m.) | (%) | (Km/h) |
| | | | | | -0.000002 | 432.971000 | | | | | |
| 15.00044828 | 600.019436 | 24999.994677 | 323.456998 | 437.823000 | 23.447280 | 433.322720 | 623.466716 | 435.122812 | 1.800117 | -2.400078 | 0.000 |
| -9.00033426 | 805.011577 | 34999.994676 | 1982.154718 | 422.894166 | 1579.648930 | 426.516853 | 2384.660506 | 428.529247 | 2.314442 | 2.300033 | 0.000 |
| 14.00000000 | 320.000000 | 20000.000000 | 5615.999998 | 473.768000 | 5455.999998 | 471.528000 | 5775.999998 | 473.448000 | 0.640000 | -1.600000 | 0.000 |
| -2.00000000 | 350.000160 | 35000.016000 | 8856.697398 | 467.286605 | 8681.697318 | 467.636605 | 9031.697478 | 465.186604 | 0.437500 | -1.000000 | 0.000 |
| -12.00000000 | 385.000000 | 35000.000000 | 9856.876998 | 455.284450 | 9664.376998 | 457.594450 | 10049.376998 | 455.091950 | 0.529375 | 1.100000 | 0.000 |
| -1.00000000 | 455.000057 | 35000.004355 | 11127.775090 | 454.013552 | 10900.275062 | 454.241052 | 11355.275118 | 456.743552 | 0.739375 | 1.300000 | 0.000 |
| 12.00000000 | 770.000156 | 35000.007091 | 13366.819050 | 480.882079 | 12981.818972 | 476.262078 | 13751.819128 | 477.032079 | 2.117500 | -2.200000 | 0.000 |
| -10.00000000 | 682.499954 | 34999.997644 | 15578.511657 | 458.765153 | 15237.261680 | 462.177653 | 15919.761634 | 462.007028 | 1.663594 | 1.950000 | 0.000 |
| 9.50000000 | 682.500186 | 35000.009562 | 21225.566588 | 512.412175 | 20884.316494 | 509.170299 | 21566.816681 | 508.999674 | 1.663594 | -1.950000 | 0.000 |
| -10.00000000 | 332.499672 | 34999.965518 | 23468.961044 | 489.978231 | 23302.711208 | 491.640729 | 23635.210880 | 489.895106 | 0.394843 | 0.950000 | 0.000 |
| -0.50000000 | 387.500128 | 25000.008258 | 24736.291312 | 489.344566 | 24542.541248 | 489.441441 | 24930.041376 | 492.250816 | 0.750781 | 1.550000 | 0.000 |
| 15.00000000 | 325.000094 | 25000.007243 | 25964.256622 | 507.764045 | 25801.756575 | 505.326544 | 26126.756670 | 508.089045 | 0.528125 | -1.300000 | 0.000 |
| 2.00000000 | 385.000217 | 35000.019769 | 31061.895693 | 517.959323 | 30869.395584 | 517.574323 | 31254.395801 | 516.226822 | 0.529375 | -1.100000 | 0.000 |
| -9.00000000 | 274.999676 | 24999.970512 | 33166.084454 | 499.021624 | 33028.584616 | 500.259123 | 33303.584291 | 499.296624 | 0.378125 | 1.100000 | 0.000 |
| 2.00000000 | 249.999518 | 49999.903680 | 34290.338381 | 501.270132 | 34165.338622 | 501.020133 | 34415.338141 | 502.145131 | 0.156250 | 0.500000 | 0.000 |
| 7.00000000 | 209.998854 | 59999.672653 | 35262.867695 | 508.077838 | 35157.868268 | 507.342842 | 35367.867123 | 508.445335 | 0.091874 | -0.350000 | 0.000 |
| 3.50000000 | 402.499788 | 34999.981595 | 36504.197139 | 512.422491 | 36302.947245 | 511.718116 | 36705.447033 | 515.441239 | 0.578593 | 1.150000 | 0.000 |
| 15.00000000 | 840.000022 | 40000.001034 | 41305.520906 | 584.442347 | 40885.520895 | 578.142347 | 41725.520917 | 581.922347 | 2.205000 | -2.100000 | 0.000 |
| -6.00000000 | 279.999731 | 34999.966375 | 44146.717537 | 567.395167 | 44006.717671 | 568.235166 | 44286.717402 | 567.675167 | 0.280000 | 0.800000 | 0.000 |
| 2.00000000 | 350.000019 | 35000.001920 | 45995.273890 | 571.092280 | 45820.273880 | 570.742280 | 46170.273900 | 573.192280 | 0.437500 | 1.000000 | 0.000 |
| 12.00000000 | 314.999777 | 44999.968082 | 49839.205959 | 617.219465 | 49681.706071 | 615.329466 | 49996.705847 | 618.006964 | 0.275625 | -0.700000 | 0.000 |
| 5.00000000 | 612.499782 | 34999.987527 | 51271.729652 | 624.382083 | 50965.479761 | 622.850834 | 51577.979543 | 620.553960 | 1.339843 | -1.750000 | 0.000 |
| -12.50000000 | 857.500154 | 35000.006271 | 52502.813292 | 608.993538 | 52074.063215 | 614.352914 | 52931.563368 | 614.138539 | 2.626094 | 2.450000 | 0.000 |
| 12.00000000 | 840.000043 | 35000.001778 | 54210.092571 | 629.480889 | 53790.092549 | 624.440889 | 54630.092592 | 624.440889 | 2.520000 | -2.400000 | 0.000 |
| -12.00000000 | 437.499834 | 34999.986688 | 56230.808539 | 605.232298 | 56012.058622 | 607.857297 | 56449.558455 | 605.341672 | 0.683593 | 1.250000 | 0.000 |
| 0.50000000 | 145.599923 | 32355.538533 | 57518.630387 | 605.876208 | 57445.830425 | 605.839808 | 57591.430349 | 605.585009 | 0.081900 | -0.450000 | 0.000 |
| -4.00000000 | 150.000000 | 25000.000000 | 60399.112144 | 594.354281 | 60324.112144 | 594.654281 | 60474.112144 | 594.504281 | 0.112500 | 0.600000 | 0.000 |
| 2.00000000 | 163.800000 | 12600.000000 | 63021.860359 | 599.599778 | 62939.960359 | 599.435978 | 63103.760359 | 600.828278 | 0.266175 | 1.300000 | 0.000 |
| 15.00000000 | 378.000000 | 12600.000000 | 63958.846705 | 613.654573 | 63769.846705 | 610.819573 | 64147.846705 | 610.819573 | 1.417500 | -3.000000 | 0.000 |
| -15.00000000 | 151.200000 | 12600.000000 | 67431.314057 | 561.567563 | 67355.714057 | 562.701563 | 67506.914057 | 561.340763 | 0.226800 | 1.200000 | 0.000 |
| -3.00000000 | 44.100000 | 12600.000000 | 67938.262546 | 560.046717 | 67916.212546 | 560.112867 | 67960.312546 | 559.903392 | 0.019294 | -0.350000 | 0.000 |
| -6.50000000 | 125.455305 | 87000.000000 | 69503.961347 | 549.869675 | 69441.233695 | 550.277405 | 69566.689000 | 549.552400 | 0.022614 | 0.144202 | 0.000 |
| -5.05798500 | 189.730611 | 12600.000000 | 71326.984527 | 540.648851 | 71232.119222 | 541.128678 | 71421.849833 | 541.597504 | 0.357120 | 1.505798 | 0.000 |
| 10.00000000 | 151.200000 | 12600.000000 | 71708.991339 | 544.468919 | 71633.391339 | 543.712919 | 71784.591339 | 544.317719 | 0.226800 | -1.200000 | 0.000 |
| -2.00000000 | 132.300000 | 12600.000000 | 72077.350165 | 543.732202 | 72011.200165 | 543.864502 | 72143.500165 | 542.905327 | 0.173644 | -1.050000 | 0.000 |
| -12.50000000 | 132.300000 | 12600.000000 | 73014.867315 | 532.013237 | 72948.717315 | 532.840112 | 73081.017315 | 531.880937 | 0.173644 | 1.050000 | 0.000 |
| -2.00000000 | | | | | | | 74971.485942 | 528.100000 | | | |

## 2.4. REPOSICIONES

### Desvío Ferroviario 5+150

| PENDIENTE (%) | LONGITUD (m.) | PARAMETRO ( kv ) | VERTICE PK | VERTICE Z | ENTRADA AL ACUERDO PK | ENTRADA AL ACUERDO Z | SALIDA DEL ACUERDO PK | SALIDA DEL ACUERDO Z | BISECT. (m.) | DIF.PEN (%) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.000000 | 480.416321 | | | | |
| -15.00000000 | 150.000000 | 15000.000000 | 204.653929 | 477.346512 | 129.653929 | 478.471512 | 279.653929 | 476.971512 | 0.187500 | 1.000000 |
| -5.00000000 | 104.000000 | 8000.000000 | 601.182410 | 475.363870 | 549.182410 | 475.623870 | 653.182410 | 474.427870 | 0.169000 | -1.300000 |
| -18.00000000 | 75.000000 | 25000.000000 | 1071.191910 | 466.903699 | 1033.691910 | 467.578699 | 1108.691910 | 466.341199 | 0.028125 | 0.300000 |
| -15.00000000 | | | | | | | 1112.921021 | 466.277762 | | |

## 3. LISTADOS DE TRAZADO EN ALZADO (CADA 100 M)

### 3.1. ALTERNATIVA H

PK 0+000 a PK 25+200

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 0.000000 | Rampa | 432.971000 | 15.00000000 o/oo |
| 23.453625 | tg. entrada | 433.322804 | 15.00000000 o/oo |
| 100.000000 | KV -25000 | 434.353813 | 11.93814500 o/oo |
| 200.000000 | KV -25000 | 435.347628 | 7.93814500 o/oo |
| 300.000000 | KV -25000 | 435.941442 | 3.93814500 o/oo |
| 398.453625 | Punto alto | 436.135304 | 0.00000000 o/oo |
| 400.000000 | KV -25000 | 436.135257 | -0.06185500 o/oo |
| 500.000000 | KV -25000 | 435.929071 | -4.06185500 o/oo |
| 600.000000 | KV -25000 | 435.322886 | -8.06185500 o/oo |
| 623.453625 | tg. salida | 435.122804 | -9.00000000 o/oo |
| 700.000000 | Pendiente | 434.433887 | -9.00000000 o/oo |
| 800.000000 | Pendiente | 433.533887 | -9.00000000 o/oo |
| 900.000000 | Pendiente | 432.633887 | -9.00000000 o/oo |
| 1000.000000 | Pendiente | 431.733887 | -9.00000000 o/oo |
| 1100.000000 | Pendiente | 430.833887 | -9.00000000 o/oo |
| 1200.000000 | Pendiente | 429.933887 | -9.00000000 o/oo |
| 1300.000000 | Pendiente | 429.033887 | -9.00000000 o/oo |
| 1400.000000 | Pendiente | 428.133887 | -9.00000000 o/oo |
| 1500.000000 | Pendiente | 427.233887 | -9.00000000 o/oo |
| 1579.669000 | tg. entrada | 426.516866 | -9.00000000 o/oo |
| 1600.000000 | KV 35000 | 426.339792 | -8.41911429 o/oo |
| 1700.000000 | KV 35000 | 425.640738 | -5.56197143 o/oo |
| 1800.000000 | KV 35000 | 425.227398 | -2.70482857 o/oo |
| 1894.669000 | Punto bajo | 425.099366 | 0.00000000 o/oo |
| 1900.000000 | KV 35000 | 425.099772 | 0.15231429 o/oo |
| 2000.000000 | KV 35000 | 425.257861 | 3.00945714 o/oo |
| 2100.000000 | KV 35000 | 425.701663 | 5.86660000 o/oo |
| 2200.000000 | KV 35000 | 426.431181 | 8.72374286 o/oo |
| 2300.000000 | KV 35000 | 427.446412 | 11.58088571 o/oo |
| 2384.669000 | tg. salida | 428.529366 | 14.00000000 o/oo |
| 2400.000000 | Rampa | 428.744000 | 14.00000000 o/oo |
| 2500.000000 | Rampa | 430.144000 | 14.00000000 o/oo |
| 2600.000000 | Rampa | 431.544000 | 14.00000000 o/oo |
| 2700.000000 | Rampa | 432.944000 | 14.00000000 o/oo |
| 2800.000000 | Rampa | 434.344000 | 14.00000000 o/oo |
| 2900.000000 | Rampa | 435.744000 | 14.00000000 o/oo |
| 3000.000000 | Rampa | 437.144000 | 14.00000000 o/oo |
| 3100.000000 | Rampa | 438.544000 | 14.00000000 o/oo |
| 3200.000000 | Rampa | 439.944000 | 14.00000000 o/oo |
| 3300.000000 | Rampa | 441.344000 | 14.00000000 o/oo |
| 3400.000000 | Rampa | 442.744000 | 14.00000000 o/oo |
| 3500.000000 | Rampa | 444.144000 | 14.00000000 o/oo |
| 3600.000000 | Rampa | 445.544000 | 14.00000000 o/oo |
| 3700.000000 | Rampa | 446.944000 | 14.00000000 o/oo |
| 3800.000000 | Rampa | 448.344000 | 14.00000000 o/oo |
| 3900.000000 | Rampa | 449.744000 | 14.00000000 o/oo |
| 4000.000000 | Rampa | 451.144000 | 14.00000000 o/oo |
| 4100.000000 | Rampa | 452.544000 | 14.00000000 o/oo |
| 4200.000000 | Rampa | 453.944000 | 14.00000000 o/oo |
| 4300.000000 | Rampa | 455.344000 | 14.00000000 o/oo |
| 4400.000000 | Rampa | 456.744000 | 14.00000000 o/oo |
| 4500.000000 | Rampa | 458.144000 | 14.00000000 o/oo |
| 4600.000000 | Rampa | 459.544000 | 14.00000000 o/oo |
| 4700.000000 | Rampa | 460.944000 | 14.00000000 o/oo |
| 4800.000000 | Rampa | 462.344000 | 14.00000000 o/oo |
| 4900.000000 | Rampa | 463.744000 | 14.00000000 o/oo |
| 5000.000000 | Rampa | 465.144000 | 14.00000000 o/oo |
| 5100.000000 | Rampa | 466.544000 | 14.00000000 o/oo |
| 5200.000000 | Rampa | 467.944000 | 14.00000000 o/oo |
| 5300.000000 | Rampa | 469.344000 | 14.00000000 o/oo |
| 5400.000000 | Rampa | 470.744000 | 14.00000000 o/oo |
| 5456.000000 | tg. entrada | 471.528000 | 14.00000000 o/oo |
| 5500.000000 | KV -20000 | 472.095600 | 11.80000000 o/oo |
| 5600.000000 | KV -20000 | 473.025600 | 6.80000000 o/oo |
| 5700.000000 | KV -20000 | 473.455600 | 1.80000000 o/oo |
| 5736.000000 | Punto alto | 473.488000 | 0.00000000 o/oo |
| 5776.000000 | tg. salida | 473.448000 | -2.00000000 o/oo |
| 5800.000000 | Pendiente | 473.400000 | -2.00000000 o/oo |
| 5900.000000 | Pendiente | 473.200000 | -2.00000000 o/oo |
| 6000.000000 | Pendiente | 473.000000 | -2.00000000 o/oo |
| 6100.000000 | Pendiente | 472.800000 | -2.00000000 o/oo |
| 6200.000000 | Pendiente | 472.600000 | -2.00000000 o/oo |
| 6300.000000 | Pendiente | 472.400000 | -2.00000000 o/oo |
| 6400.000000 | Pendiente | 472.200000 | -2.00000000 o/oo |
| 6500.000000 | Pendiente | 472.000000 | -2.00000000 o/oo |
| 6600.000000 | Pendiente | 471.800000 | -2.00000000 o/oo |
| 6700.000000 | Pendiente | 471.600000 | -2.00000000 o/oo |
| 6800.000000 | Pendiente | 471.400000 | -2.00000000 o/oo |
| 6900.000000 | Pendiente | 471.200000 | -2.00000000 o/oo |
| 7000.000000 | Pendiente | 471.000000 | -2.00000000 o/oo |
| 7100.000000 | Pendiente | 470.800000 | -2.00000000 o/oo |
| 7200.000000 | Pendiente | 470.600000 | -2.00000000 o/oo |
| 7300.000000 | Pendiente | 470.400000 | -2.00000000 o/oo |
| 7400.000000 | Pendiente | 470.200000 | -2.00000000 o/oo |
| 7500.000000 | Pendiente | 470.000000 | -2.00000000 o/oo |
| 7600.000000 | Pendiente | 469.800000 | -2.00000000 o/oo |
| 7700.000000 | Pendiente | 469.600000 | -2.00000000 o/oo |
| 7800.000000 | Pendiente | 469.400000 | -2.00000000 o/oo |
| 7900.000000 | Pendiente | 469.200000 | -2.00000000 o/oo |
| 8000.000000 | Pendiente | 469.000000 | -2.00000000 o/oo |
| 8100.000000 | Pendiente | 468.800000 | -2.00000000 o/oo |
| 8200.000000 | Pendiente | 468.600000 | -2.00000000 o/oo |
| 8300.000000 | Pendiente | 468.400000 | -2.00000000 o/oo |
| 8400.000000 | Pendiente | 468.200000 | -2.00000000 o/oo |
| 8500.000000 | Pendiente | 468.000000 | -2.00000000 o/oo |
| 8600.000000 | Pendiente | 467.800000 | -2.00000000 o/oo |
| 8681.696109 | tg. entrada | 467.636608 | -2.00000000 o/oo |
| 8700.000000 | KV -35000 | 467.595214 | -2.52296831 o/oo |
| 8800.000000 | KV -35000 | 467.200060 | -5.38011117 o/oo |
| 8900.000000 | KV -35000 | 466.519192 | -8.23725402 o/oo |
| 9000.000000 | KV -35000 | 465.552609 | -11.09439688 o/oo |
| 9031.696109 | tg. salida | 465.186608 | -12.00000000 o/oo |
| 9100.000000 | Pendiente | 464.366961 | -12.00000000 o/oo |
| 9200.000000 | Pendiente | 463.166961 | -12.00000000 o/oo |
| 9300.000000 | Pendiente | 461.966961 | -12.00000000 o/oo |
| 9400.000000 | Pendiente | 460.766961 | -12.00000000 o/oo |
| 9500.000000 | Pendiente | 459.566961 | -12.00000000 o/oo |
| 9600.000000 | Pendiente | 458.366961 | -12.00000000 o/oo |
| 9664.374736 | tg. entrada | 457.594464 | -12.00000000 o/oo |
| 9700.000000 | KV 35000 | 457.185092 | -10.98213530 o/oo |
| 9800.000000 | KV 35000 | 456.229736 | -8.12499245 o/oo |
| 9900.000000 | KV 35000 | 455.560093 | -5.26784959 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 10000.000000 | KV 35000 | 455.176166 | -2.41070673 o/oo |
| 10049.374736 | tg. salida | 455.091964 | -1.00000000 o/oo |
| 10100.000000 | Pendiente | 455.041339 | -1.00000000 o/oo |
| 10200.000000 | Pendiente | 454.941339 | -1.00000000 o/oo |
| 10300.000000 | Pendiente | 454.841339 | -1.00000000 o/oo |
| 10400.000000 | Pendiente | 454.741339 | -1.00000000 o/oo |
| 10500.000000 | Pendiente | 454.641339 | -1.00000000 o/oo |
| 10600.000000 | Pendiente | 454.541339 | -1.00000000 o/oo |
| 10700.000000 | Pendiente | 454.441339 | -1.00000000 o/oo |
| 10800.000000 | Pendiente | 454.341339 | -1.00000000 o/oo |
| 10900.000000 | Pendiente | 454.241339 | -1.00000000 o/oo |
| 11000.000000 | Pendiente | 454.141339 | -1.00000000 o/oo |
| 11100.000000 | Pendiente | 454.041339 | -1.00000000 o/oo |
| 11200.000000 | Pendiente | 453.941339 | -1.00000000 o/oo |
| 11300.000000 | Pendiente | 453.841339 | -1.00000000 o/oo |
| 11400.000000 | Pendiente | 453.741339 | -1.00000000 o/oo |
| 11500.000000 | Pendiente | 453.641339 | -1.00000000 o/oo |
| 11600.000000 | Pendiente | 453.541339 | -1.00000000 o/oo |
| 11700.000000 | Pendiente | 453.441339 | -1.00000000 o/oo |
| 11800.000000 | Pendiente | 453.341339 | -1.00000000 o/oo |
| 11900.000000 | Pendiente | 453.241339 | -1.00000000 o/oo |
| 12000.000000 | Pendiente | 453.141339 | -1.00000000 o/oo |
| 12100.000000 | Pendiente | 453.041339 | -1.00000000 o/oo |
| 12200.000000 | Pendiente | 452.941339 | -1.00000000 o/oo |
| 12300.000000 | Pendiente | 452.841339 | -1.00000000 o/oo |
| 12400.000000 | Pendiente | 452.741339 | -1.00000000 o/oo |
| 12500.000000 | Pendiente | 452.641339 | -1.00000000 o/oo |
| 12600.000000 | Pendiente | 452.541339 | -1.00000000 o/oo |
| 12700.000000 | Pendiente | 452.441339 | -1.00000000 o/oo |
| 12800.000000 | Pendiente | 452.341339 | -1.00000000 o/oo |
| 12900.000000 | Pendiente | 452.241339 | -1.00000000 o/oo |
| 13000.000000 | Pendiente | 452.141339 | -1.00000000 o/oo |
| 13100.000000 | Pendiente | 452.041339 | -1.00000000 o/oo |
| 13200.000000 | Pendiente | 451.941339 | -1.00000000 o/oo |
| 13300.000000 | Pendiente | 451.841339 | -1.00000000 o/oo |
| 13339.439971 | tg. entrada | 451.801899 | -1.00000000 o/oo |
| 13374.439971 | Punto bajo | 451.784399 | 0.00000000 o/oo |
| 13400.000000 | KV 35000 | 451.793732 | 0.73028655 o/oo |
| 13500.000000 | KV 35000 | 452.009618 | 3.58742940 o/oo |
| 13549.439971 | tg. salida | 452.221899 | 5.00000000 o/oo |
| 13600.000000 | Rampa | 452.474699 | 5.00000000 o/oo |
| 13700.000000 | Rampa | 452.974699 | 5.00000000 o/oo |
| 13797.388347 | tg. entrada | 453.461641 | 5.00000000 o/oo |
| 13800.000000 | KV -25000 | 453.474563 | 4.89553388 o/oo |
| 13900.000000 | KV -25000 | 453.764116 | 0.89553388 o/oo |
| 13922.388347 | Punto alto | 453.774141 | 0.00000000 o/oo |
| 14000.000000 | KV -25000 | 453.653670 | -3.10446612 o/oo |
| 14100.000000 | KV -25000 | 453.143223 | -7.10446612 o/oo |
| 14172.388347 | tg. salida | 452.524141 | -10.00000000 o/oo |
| 14200.000000 | Pendiente | 452.248024 | -10.00000000 o/oo |
| 14300.000000 | Pendiente | 451.248024 | -10.00000000 o/oo |
| 14400.000000 | Pendiente | 450.248024 | -10.00000000 o/oo |
| 14500.000000 | Pendiente | 449.248024 | -10.00000000 o/oo |
| 14600.000000 | Pendiente | 448.248024 | -10.00000000 o/oo |
| 14700.000000 | Pendiente | 447.248024 | -10.00000000 o/oo |
| 14732.830845 | tg. entrada | 446.919716 | -10.00000000 o/oo |
| 14800.000000 | KV 25000 | 446.338258 | -7.31323380 o/oo |
| 14900.000000 | KV 25000 | 445.806935 | -3.31323380 o/oo |
| 14982.830845 | Punto bajo | 445.669716 | 0.00000000 o/oo |
| 15000.000000 | KV 25000 | 445.675612 | 0.68676620 o/oo |
| 15100.000000 | KV 25000 | 445.944288 | 4.68676620 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 15107.830845 | tg. salida | 445.982216 | 5.00000000 o/oo |
| 15200.000000 | Rampa | 446.443062 | 5.00000000 o/oo |
| 15300.000000 | Rampa | 446.943062 | 5.00000000 o/oo |
| 15400.000000 | Rampa | 447.443062 | 5.00000000 o/oo |
| 15500.000000 | Rampa | 447.943062 | 5.00000000 o/oo |
| 15600.000000 | Rampa | 448.443062 | 5.00000000 o/oo |
| 15700.000000 | Rampa | 448.943062 | 5.00000000 o/oo |
| 15800.000000 | Rampa | 449.443062 | 5.00000000 o/oo |
| 15866.899482 | tg. entrada | 449.777559 | 5.00000000 o/oo |
| 15900.000000 | KV -50000 | 449.932105 | 4.33798963 o/oo |
| 16000.000000 | KV -50000 | 450.265904 | 2.33798963 o/oo |
| 16016.899482 | tg. salida | 450.302559 | 2.00000000 o/oo |
| 16100.000000 | Rampa | 450.468760 | 2.00000000 o/oo |
| 16200.000000 | Rampa | 450.668760 | 2.00000000 o/oo |
| 16300.000000 | Rampa | 450.868760 | 2.00000000 o/oo |
| 16400.000000 | Rampa | 451.068760 | 2.00000000 o/oo |
| 16500.000000 | Rampa | 451.268760 | 2.00000000 o/oo |
| 16600.000000 | Rampa | 451.468760 | 2.00000000 o/oo |
| 16700.000000 | Rampa | 451.668760 | 2.00000000 o/oo |
| 16800.000000 | Rampa | 451.868760 | 2.00000000 o/oo |
| 16900.000000 | Rampa | 452.068760 | 2.00000000 o/oo |
| 17000.000000 | Rampa | 452.268760 | 2.00000000 o/oo |
| 17100.000000 | Rampa | 452.468760 | 2.00000000 o/oo |
| 17200.000000 | Rampa | 452.668760 | 2.00000000 o/oo |
| 17300.000000 | Rampa | 452.868760 | 2.00000000 o/oo |
| 17400.000000 | Rampa | 453.068760 | 2.00000000 o/oo |
| 17500.000000 | Rampa | 453.268760 | 2.00000000 o/oo |
| 17600.000000 | Rampa | 453.468760 | 2.00000000 o/oo |
| 17700.000000 | Rampa | 453.668760 | 2.00000000 o/oo |
| 17800.000000 | Rampa | 453.868760 | 2.00000000 o/oo |
| 17900.000000 | Rampa | 454.068760 | 2.00000000 o/oo |
| 18000.000000 | Rampa | 454.268760 | 2.00000000 o/oo |
| 18100.000000 | Rampa | 454.468760 | 2.00000000 o/oo |
| 18200.000000 | Rampa | 454.668760 | 2.00000000 o/oo |
| 18300.000000 | Rampa | 454.868760 | 2.00000000 o/oo |
| 18400.000000 | Rampa | 455.068760 | 2.00000000 o/oo |
| 18500.000000 | Rampa | 455.268760 | 2.00000000 o/oo |
| 18600.000000 | Rampa | 455.468760 | 2.00000000 o/oo |
| 18681.737413 | tg. entrada | 455.632235 | 2.00000000 o/oo |
| 18700.000000 | KV 200000 | 455.669594 | 2.09131293 o/oo |
| 18800.000000 | KV 200000 | 455.903725 | 2.59131293 o/oo |
| 18900.000000 | KV 200000 | 456.187857 | 3.09131293 o/oo |
| 18981.737413 | tg. salida | 456.457235 | 3.50000000 o/oo |
| 19000.000000 | Rampa | 456.521154 | 3.50000000 o/oo |
| 19100.000000 | Rampa | 456.871154 | 3.50000000 o/oo |
| 19200.000000 | Rampa | 457.221154 | 3.50000000 o/oo |
| 19300.000000 | Rampa | 457.571154 | 3.50000000 o/oo |
| 19400.000000 | Rampa | 457.921154 | 3.50000000 o/oo |
| 19500.000000 | Rampa | 458.271154 | 3.50000000 o/oo |
| 19600.000000 | Rampa | 458.621154 | 3.50000000 o/oo |
| 19700.000000 | Rampa | 458.971154 | 3.50000000 o/oo |
| 19800.000000 | Rampa | 459.321154 | 3.50000000 o/oo |
| 19900.000000 | Rampa | 459.671154 | 3.50000000 o/oo |
| 20000.000000 | Rampa | 460.021154 | 3.50000000 o/oo |
| 20061.421165 | tg. entrada | 460.236128 | 3.50000000 o/oo |
| 20100.000000 | KV 35000 | 460.392416 | 4.60225244 o/oo |
| 20200.000000 | KV 35000 | 460.995498 | 7.45939530 o/oo |
| 20300.000000 | KV 35000 | 461.884295 | 10.31653816 o/oo |
| 20376.421165 | tg. salida | 462.756128 | 12.50000000 o/oo |
| 20400.000000 | Rampa | 463.050864 | 12.50000000 o/oo |
| 20500.000000 | Rampa | 464.300864 | 12.50000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 20600.000000 | Rampa | 465.550864 | 12.50000000 o/oo |
| 20700.000000 | Rampa | 466.800864 | 12.50000000 o/oo |
| 20800.000000 | Rampa | 468.050864 | 12.50000000 o/oo |
| 20856.609180 | tg. entrada | 468.758478 | 12.50000000 o/oo |
| 20900.000000 | KV -25000 | 469.263208 | 10.76436718 o/oo |
| 21000.000000 | KV -25000 | 470.139645 | 6.76436718 o/oo |
| 21100.000000 | KV -25000 | 470.616082 | 2.76436718 o/oo |
| 21169.109180 | Punto alto | 470.711603 | 0.00000000 o/oo |
| 21200.000000 | KV -25000 | 470.692518 | -1.23563282 o/oo |
| 21216.609180 | tg. salida | 470.666478 | -1.90000000 o/oo |
| 21300.000000 | Pendiente | 470.508036 | -1.90000000 o/oo |
| 21400.000000 | Pendiente | 470.318036 | -1.90000000 o/oo |
| 21500.000000 | Pendiente | 470.128036 | -1.90000000 o/oo |
| 21600.000000 | Pendiente | 469.938036 | -1.90000000 o/oo |
| 21700.000000 | Pendiente | 469.748036 | -1.90000000 o/oo |
| 21800.000000 | Pendiente | 469.558036 | -1.90000000 o/oo |
| 21900.000000 | Pendiente | 469.368036 | -1.90000000 o/oo |
| 22000.000000 | Pendiente | 469.178036 | -1.90000000 o/oo |
| 22100.000000 | Pendiente | 468.988036 | -1.90000000 o/oo |
| 22200.000000 | Pendiente | 468.798036 | -1.90000000 o/oo |
| 22300.000000 | Pendiente | 468.608036 | -1.90000000 o/oo |
| 22400.000000 | Pendiente | 468.418036 | -1.90000000 o/oo |
| 22500.000000 | Pendiente | 468.228036 | -1.90000000 o/oo |
| 22600.000000 | Pendiente | 468.038036 | -1.90000000 o/oo |
| 22700.000000 | Pendiente | 467.848036 | -1.90000000 o/oo |
| 22718.116514 | tg. entrada | 467.813614 | -1.90000000 o/oo |
| 22765.616514 | Punto bajo | 467.768489 | 0.00000000 o/oo |
| 22800.000000 | KV 25000 | 467.792134 | 1.37533944 o/oo |
| 22900.000000 | KV 25000 | 468.129668 | 5.37533944 o/oo |
| 23000.000000 | KV 25000 | 468.867202 | 9.37533944 o/oo |
| 23015.616514 | tg. salida | 469.018489 | 10.00000000 o/oo |
| 23100.000000 | Rampa | 469.862324 | 10.00000000 o/oo |
| 23200.000000 | Rampa | 470.862324 | 10.00000000 o/oo |
| 23300.000000 | Rampa | 471.862324 | 10.00000000 o/oo |
| 23400.000000 | Rampa | 472.862324 | 10.00000000 o/oo |
| 23492.209473 | tg. entrada | 473.784419 | 10.00000000 o/oo |
| 23500.000000 | KV -25000 | 473.861110 | 9.68837890 o/oo |
| 23600.000000 | KV -25000 | 474.629948 | 5.68837890 o/oo |
| 23692.209473 | tg. salida | 474.984419 | 2.00000000 o/oo |
| 23700.000000 | Rampa | 475.000000 | 2.00000000 o/oo |
| 23800.000000 | Rampa | 475.200000 | 2.00000000 o/oo |
| 23900.000000 | Rampa | 475.400000 | 2.00000000 o/oo |
| 24000.000000 | Rampa | 475.600000 | 2.00000000 o/oo |
| 24100.000000 | Rampa | 475.800000 | 2.00000000 o/oo |
| 24200.000000 | Rampa | 476.000000 | 2.00000000 o/oo |
| 24300.000000 | Rampa | 476.200000 | 2.00000000 o/oo |
| 24400.000000 | Rampa | 476.400000 | 2.00000000 o/oo |
| 24500.000000 | Rampa | 476.600000 | 2.00000000 o/oo |
| 24600.000000 | Rampa | 476.800000 | 2.00000000 o/oo |
| 24700.000000 | Rampa | 477.000000 | 2.00000000 o/oo |
| 24800.000000 | Rampa | 477.200000 | 2.00000000 o/oo |
| 24900.000000 | Rampa | 477.400000 | 2.00000000 o/oo |
| 25000.000000 | Rampa | 477.600000 | 2.00000000 o/oo |
| 25100.000000 | Rampa | 477.800000 | 2.00000000 o/oo |
| 25199.999997 | Rampa | 478.000000 | 2.00000000 o/oo |

PK 25+200 a PK 55+098.112. VÍA DERECHA.

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 25200.000000 | Rampa | 478.000000 | 2.00000000 o/oo |
| 25300.000000 | Rampa | 478.200000 | 2.00000000 o/oo |
| 25400.000000 | Rampa | 478.400000 | 2.00000000 o/oo |
| 25500.000000 | Rampa | 478.600000 | 2.00000000 o/oo |
| 25600.000000 | Rampa | 478.800000 | 2.00000000 o/oo |
| 25700.000000 | Rampa | 479.000000 | 2.00000000 o/oo |
| 25800.000000 | Rampa | 479.200000 | 2.00000000 o/oo |
| 25900.000000 | Rampa | 479.400000 | 2.00000000 o/oo |
| 26000.000000 | Rampa | 479.600000 | 2.00000000 o/oo |
| 26100.000000 | Rampa | 479.800000 | 2.00000000 o/oo |
| 26102.300000 | tg. entrada | 479.804600 | 2.00000000 o/oo |
| 26200.000000 | KV 35000 | 480.136361 | 4.79142857 o/oo |
| 26277.300000 | tg. salida | 480.592100 | 7.00000000 o/oo |
| 26300.000000 | Rampa | 480.751000 | 7.00000000 o/oo |
| 26400.000000 | Rampa | 481.451000 | 7.00000000 o/oo |
| 26500.000000 | Rampa | 482.151000 | 7.00000000 o/oo |
| 26600.000000 | Rampa | 482.851000 | 7.00000000 o/oo |
| 26601.828546 | tg. entrada | 482.863800 | 7.00000000 o/oo |
| 26700.000000 | KV -20000 | 483.310059 | 2.09142730 o/oo |
| 26741.828546 | Punto alto | 483.353800 | 0.00000000 o/oo |
| 26800.000000 | KV -20000 | 483.269202 | -2.90857270 o/oo |
| 26900.000000 | KV -20000 | 482.728345 | -7.90857270 o/oo |
| 27000.000000 | KV -20000 | 481.687487 | -12.90857270 o/oo |
| 27021.828546 | tg. salida | 481.393800 | -14.00000000 o/oo |
| 27100.000000 | Pendiente | 480.299399 | -14.00000000 o/oo |
| 27200.000000 | Pendiente | 478.899399 | -14.00000000 o/oo |
| 27300.000000 | Pendiente | 477.499399 | -14.00000000 o/oo |
| 27400.000000 | Pendiente | 476.099399 | -14.00000000 o/oo |
| 27500.000000 | Pendiente | 474.699399 | -14.00000000 o/oo |
| 27600.000000 | Pendiente | 473.299399 | -14.00000000 o/oo |
| 27700.000000 | Pendiente | 471.899399 | -14.00000000 o/oo |
| 27800.000000 | Pendiente | 470.499399 | -14.00000000 o/oo |
| 27900.000000 | Pendiente | 469.099399 | -14.00000000 o/oo |
| 28000.000000 | Pendiente | 467.699399 | -14.00000000 o/oo |
| 28100.000000 | Pendiente | 466.299399 | -14.00000000 o/oo |
| 28200.000000 | Pendiente | 464.899399 | -14.00000000 o/oo |
| 28300.000000 | Pendiente | 463.499399 | -14.00000000 o/oo |
| 28400.000000 | Pendiente | 462.099399 | -14.00000000 o/oo |
| 28500.000000 | Pendiente | 460.699399 | -14.00000000 o/oo |
| 28600.000000 | Pendiente | 459.299399 | -14.00000000 o/oo |
| 28700.000000 | Pendiente | 457.899399 | -14.00000000 o/oo |
| 28800.000000 | Pendiente | 456.499399 | -14.00000000 o/oo |
| 28900.000000 | Pendiente | 455.099399 | -14.00000000 o/oo |
| 29000.000000 | Pendiente | 453.699399 | -14.00000000 o/oo |
| 29100.000000 | Pendiente | 452.299399 | -14.00000000 o/oo |
| 29200.000000 | Pendiente | 450.899399 | -14.00000000 o/oo |
| 29300.000000 | Pendiente | 449.499399 | -14.00000000 o/oo |
| 29400.000000 | Pendiente | 448.099399 | -14.00000000 o/oo |
| 29500.000000 | Pendiente | 446.699399 | -14.00000000 o/oo |
| 29600.000000 | Pendiente | 445.299399 | -14.00000000 o/oo |
| 29700.000000 | Pendiente | 443.899399 | -14.00000000 o/oo |
| 29800.000000 | Pendiente | 442.499399 | -14.00000000 o/oo |
| 29900.000000 | Pendiente | 441.099399 | -14.00000000 o/oo |
| 30000.000000 | Pendiente | 439.699399 | -14.00000000 o/oo |
| 30100.000000 | Pendiente | 438.299399 | -14.00000000 o/oo |
| 30200.000000 | Pendiente | 436.899399 | -14.00000000 o/oo |
| 30300.000000 | Pendiente | 435.499399 | -14.00000000 o/oo |
| 30400.000000 | Pendiente | 434.099399 | -14.00000000 o/oo |
| 30500.000000 | Pendiente | 432.699399 | -14.00000000 o/oo |
| 30600.000000 | Pendiente | 431.299399 | -14.00000000 o/oo |
| 30700.000000 | Pendiente | 429.899399 | -14.00000000 o/oo |
| 30800.000000 | Pendiente | 428.499399 | -14.00000000 o/oo |
| 30900.000000 | Pendiente | 427.099399 | -14.00000000 o/oo |
| 31000.000000 | Pendiente | 425.699399 | -14.00000000 o/oo |
| 31100.000000 | Pendiente | 424.299399 | -14.00000000 o/oo |
| 31200.000000 | Pendiente | 422.899399 | -14.00000000 o/oo |
| 31300.000000 | Pendiente | 421.499399 | -14.00000000 o/oo |
| 31400.000000 | Pendiente | 420.099399 | -14.00000000 o/oo |
| 31500.000000 | Pendiente | 418.699399 | -14.00000000 o/oo |
| 31600.000000 | Pendiente | 417.299399 | -14.00000000 o/oo |
| 31700.000000 | Pendiente | 415.899399 | -14.00000000 o/oo |
| 31800.000000 | Pendiente | 414.499399 | -14.00000000 o/oo |
| 31900.000000 | Pendiente | 413.099399 | -14.00000000 o/oo |
| 32000.000000 | Pendiente | 411.699399 | -14.00000000 o/oo |
| 32100.000000 | Pendiente | 410.299399 | -14.00000000 o/oo |
| 32200.000000 | Pendiente | 408.899399 | -14.00000000 o/oo |
| 32300.000000 | Pendiente | 407.499399 | -14.00000000 o/oo |
| 32400.000000 | Pendiente | 406.099399 | -14.00000000 o/oo |
| 32500.000000 | Pendiente | 404.699399 | -14.00000000 o/oo |
| 32600.000000 | Pendiente | 403.299399 | -14.00000000 o/oo |
| 32700.000000 | Pendiente | 401.899399 | -14.00000000 o/oo |
| 32800.000000 | Pendiente | 400.499399 | -14.00000000 o/oo |
| 32900.000000 | Pendiente | 399.099399 | -14.00000000 o/oo |
| 33000.000000 | Pendiente | 397.699399 | -14.00000000 o/oo |
| 33100.000000 | Pendiente | 396.299399 | -14.00000000 o/oo |
| 33200.000000 | Pendiente | 394.899399 | -14.00000000 o/oo |
| 33300.000000 | Pendiente | 393.499399 | -14.00000000 o/oo |
| 33400.000000 | Pendiente | 392.099399 | -14.00000000 o/oo |
| 33500.000000 | Pendiente | 390.699399 | -14.00000000 o/oo |
| 33600.000000 | Pendiente | 389.299399 | -14.00000000 o/oo |
| 33700.000000 | Pendiente | 387.899399 | -14.00000000 o/oo |
| 33800.000000 | Pendiente | 386.499399 | -14.00000000 o/oo |
| 33900.000000 | Pendiente | 385.099399 | -14.00000000 o/oo |
| 34000.000000 | Pendiente | 383.699399 | -14.00000000 o/oo |
| 34100.000000 | Pendiente | 382.299399 | -14.00000000 o/oo |
| 34200.000000 | Pendiente | 380.899399 | -14.00000000 o/oo |
| 34300.000000 | Pendiente | 379.499399 | -14.00000000 o/oo |
| 34400.000000 | Pendiente | 378.099399 | -14.00000000 o/oo |
| 34500.000000 | Pendiente | 376.699399 | -14.00000000 o/oo |
| 34600.000000 | Pendiente | 375.299399 | -14.00000000 o/oo |
| 34700.000000 | Pendiente | 373.899399 | -14.00000000 o/oo |
| 34800.000000 | Pendiente | 372.499399 | -14.00000000 o/oo |
| 34900.000000 | Pendiente | 371.099399 | -14.00000000 o/oo |
| 35000.000000 | Pendiente | 369.699399 | -14.00000000 o/oo |
| 35100.000000 | Pendiente | 368.299399 | -14.00000000 o/oo |
| 35200.000000 | Pendiente | 366.899399 | -14.00000000 o/oo |
| 35300.000000 | Pendiente | 365.499399 | -14.00000000 o/oo |
| 35400.000000 | Pendiente | 364.099399 | -14.00000000 o/oo |
| 35500.000000 | Pendiente | 362.699399 | -14.00000000 o/oo |
| 35600.000000 | Pendiente | 361.299399 | -14.00000000 o/oo |
| 35700.000000 | Pendiente | 359.899399 | -14.00000000 o/oo |
| 35800.000000 | Pendiente | 358.499399 | -14.00000000 o/oo |
| 35900.000000 | Pendiente | 357.099399 | -14.00000000 o/oo |
| 36000.000000 | Pendiente | 355.699399 | -14.00000000 o/oo |
| 36100.000000 | Pendiente | 354.299399 | -14.00000000 o/oo |
| 36200.000000 | Pendiente | 352.899399 | -14.00000000 o/oo |
| 36300.000000 | Pendiente | 351.499399 | -14.00000000 o/oo |
| 36400.000000 | Pendiente | 350.099399 | -14.00000000 o/oo |
| 36500.000000 | Pendiente | 348.699399 | -14.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 36600.000000 | Pendiente | 347.299399 | -14.00000000 o/oo |
| 36700.000000 | Pendiente | 345.899399 | -14.00000000 o/oo |
| 36800.000000 | Pendiente | 344.499399 | -14.00000000 o/oo |
| 36900.000000 | Pendiente | 343.099399 | -14.00000000 o/oo |
| 37000.000000 | Pendiente | 341.699399 | -14.00000000 o/oo |
| 37100.000000 | Pendiente | 340.299399 | -14.00000000 o/oo |
| 37200.000000 | Pendiente | 338.899399 | -14.00000000 o/oo |
| 37300.000000 | Pendiente | 337.499399 | -14.00000000 o/oo |
| 37400.000000 | Pendiente | 336.099399 | -14.00000000 o/oo |
| 37500.000000 | Pendiente | 334.699399 | -14.00000000 o/oo |
| 37600.000000 | Pendiente | 333.299399 | -14.00000000 o/oo |
| 37700.000000 | Pendiente | 331.899399 | -14.00000000 o/oo |
| 37800.000000 | Pendiente | 330.499399 | -14.00000000 o/oo |
| 37900.000000 | Pendiente | 329.099399 | -14.00000000 o/oo |
| 38000.000000 | Pendiente | 327.699399 | -14.00000000 o/oo |
| 38100.000000 | Pendiente | 326.299399 | -14.00000000 o/oo |
| 38200.000000 | Pendiente | 324.899399 | -14.00000000 o/oo |
| 38300.000000 | Pendiente | 323.499399 | -14.00000000 o/oo |
| 38400.000000 | Pendiente | 322.099399 | -14.00000000 o/oo |
| 38500.000000 | Pendiente | 320.699399 | -14.00000000 o/oo |
| 38600.000000 | Pendiente | 319.299399 | -14.00000000 o/oo |
| 38700.000000 | Pendiente | 317.899399 | -14.00000000 o/oo |
| 38800.000000 | Pendiente | 316.499399 | -14.00000000 o/oo |
| 38900.000000 | Pendiente | 315.099399 | -14.00000000 o/oo |
| 39000.000000 | Pendiente | 313.699399 | -14.00000000 o/oo |
| 39100.000000 | Pendiente | 312.299399 | -14.00000000 o/oo |
| 39200.000000 | Pendiente | 310.899399 | -14.00000000 o/oo |
| 39300.000000 | Pendiente | 309.499399 | -14.00000000 o/oo |
| 39400.000000 | Pendiente | 308.099399 | -14.00000000 o/oo |
| 39500.000000 | Pendiente | 306.699399 | -14.00000000 o/oo |
| 39600.000000 | Pendiente | 305.299399 | -14.00000000 o/oo |
| 39700.000000 | Pendiente | 303.899399 | -14.00000000 o/oo |
| 39800.000000 | Pendiente | 302.499399 | -14.00000000 o/oo |
| 39900.000000 | Pendiente | 301.099399 | -14.00000000 o/oo |
| 40000.000000 | Pendiente | 299.699399 | -14.00000000 o/oo |
| 40100.000000 | Pendiente | 298.299399 | -14.00000000 o/oo |
| 40200.000000 | Pendiente | 296.899399 | -14.00000000 o/oo |
| 40300.000000 | Pendiente | 295.499399 | -14.00000000 o/oo |
| 40400.000000 | Pendiente | 294.099399 | -14.00000000 o/oo |
| 40500.000000 | Pendiente | 292.699399 | -14.00000000 o/oo |
| 40600.000000 | Pendiente | 291.299399 | -14.00000000 o/oo |
| 40700.000000 | Pendiente | 289.899399 | -14.00000000 o/oo |
| 40800.000000 | Pendiente | 288.499399 | -14.00000000 o/oo |
| 40900.000000 | Pendiente | 287.099399 | -14.00000000 o/oo |
| 41000.000000 | Pendiente | 285.699399 | -14.00000000 o/oo |
| 41100.000000 | Pendiente | 284.299399 | -14.00000000 o/oo |
| 41200.000000 | Pendiente | 282.899399 | -14.00000000 o/oo |
| 41300.000000 | Pendiente | 281.499399 | -14.00000000 o/oo |
| 41400.000000 | Pendiente | 280.099399 | -14.00000000 o/oo |
| 41500.000000 | Pendiente | 278.699399 | -14.00000000 o/oo |
| 41600.000000 | Pendiente | 277.299399 | -14.00000000 o/oo |
| 41700.000000 | Pendiente | 275.899399 | -14.00000000 o/oo |
| 41800.000000 | Pendiente | 274.499399 | -14.00000000 o/oo |
| 41900.000000 | Pendiente | 273.099399 | -14.00000000 o/oo |
| 42000.000000 | Pendiente | 271.699399 | -14.00000000 o/oo |
| 42100.000000 | Pendiente | 270.299399 | -14.00000000 o/oo |
| 42200.000000 | Pendiente | 268.899399 | -14.00000000 o/oo |
| 42300.000000 | Pendiente | 267.499399 | -14.00000000 o/oo |
| 42400.000000 | Pendiente | 266.099399 | -14.00000000 o/oo |
| 42500.000000 | Pendiente | 264.699399 | -14.00000000 o/oo |
| 42600.000000 | Pendiente | 263.299399 | -14.00000000 o/oo |
| 42700.000000 | Pendiente | 261.899399 | -14.00000000 o/oo |
| 42800.000000 | Pendiente | 260.499399 | -14.00000000 o/oo |
| 42900.000000 | Pendiente | 259.099399 | -14.00000000 o/oo |
| 43000.000000 | Pendiente | 257.699399 | -14.00000000 o/oo |
| 43100.000000 | Pendiente | 256.299399 | -14.00000000 o/oo |
| 43200.000000 | Pendiente | 254.899399 | -14.00000000 o/oo |
| 43300.000000 | Pendiente | 253.499399 | -14.00000000 o/oo |
| 43400.000000 | Pendiente | 252.099399 | -14.00000000 o/oo |
| 43500.000000 | Pendiente | 250.699399 | -14.00000000 o/oo |
| 43600.000000 | Pendiente | 249.299399 | -14.00000000 o/oo |
| 43700.000000 | Pendiente | 247.899399 | -14.00000000 o/oo |
| 43800.000000 | Pendiente | 246.499399 | -14.00000000 o/oo |
| 43900.000000 | Pendiente | 245.099399 | -14.00000000 o/oo |
| 44000.000000 | Pendiente | 243.699399 | -14.00000000 o/oo |
| 44100.000000 | Pendiente | 242.299399 | -14.00000000 o/oo |
| 44200.000000 | Pendiente | 240.899399 | -14.00000000 o/oo |
| 44300.000000 | Pendiente | 239.499399 | -14.00000000 o/oo |
| 44400.000000 | Pendiente | 238.099399 | -14.00000000 o/oo |
| 44500.000000 | Pendiente | 236.699399 | -14.00000000 o/oo |
| 44600.000000 | Pendiente | 235.299399 | -14.00000000 o/oo |
| 44700.000000 | Pendiente | 233.899399 | -14.00000000 o/oo |
| 44800.000000 | Pendiente | 232.499399 | -14.00000000 o/oo |
| 44900.000000 | Pendiente | 231.099399 | -14.00000000 o/oo |
| 45000.000000 | Pendiente | 229.699399 | -14.00000000 o/oo |
| 45100.000000 | Pendiente | 228.299399 | -14.00000000 o/oo |
| 45200.000000 | Pendiente | 226.899399 | -14.00000000 o/oo |
| 45300.000000 | Pendiente | 225.499399 | -14.00000000 o/oo |
| 45323.455705 | tg. entrada | 225.171020 | -14.00000000 o/oo |
| 45400.000000 | KV 25000 | 224.216580 | -10.93822821 o/oo |
| 45500.000000 | KV 25000 | 223.322757 | -6.93822821 o/oo |
| 45600.000000 | KV 25000 | 222.828934 | -2.93822821 o/oo |
| 45623.455705 | tg. salida | 222.771020 | -2.00000000 o/oo |
| 45700.000000 | Pendiente | 222.617931 | -2.00000000 o/oo |
| 45800.000000 | Pendiente | 222.417931 | -2.00000000 o/oo |
| 45900.000000 | Pendiente | 222.217931 | -2.00000000 o/oo |
| 46000.000000 | Pendiente | 222.017931 | -2.00000000 o/oo |
| 46100.000000 | Pendiente | 221.817931 | -2.00000000 o/oo |
| 46200.000000 | Pendiente | 221.617931 | -2.00000000 o/oo |
| 46300.000000 | Pendiente | 221.417931 | -2.00000000 o/oo |
| 46400.000000 | Pendiente | 221.217931 | -2.00000000 o/oo |
| 46500.000000 | Pendiente | 221.017931 | -2.00000000 o/oo |
| 46600.000000 | Pendiente | 220.817931 | -2.00000000 o/oo |
| 46700.000000 | Pendiente | 220.617931 | -2.00000000 o/oo |
| 46800.000000 | Pendiente | 220.417931 | -2.00000000 o/oo |
| 46900.000000 | Pendiente | 220.217931 | -2.00000000 o/oo |
| 47000.000000 | Pendiente | 220.017931 | -2.00000000 o/oo |
| 47100.000000 | Pendiente | 219.817931 | -2.00000000 o/oo |
| 47200.000000 | Pendiente | 219.617931 | -2.00000000 o/oo |
| 47300.000000 | Pendiente | 219.417931 | -2.00000000 o/oo |
| 47400.000000 | Pendiente | 219.217931 | -2.00000000 o/oo |
| 47500.000000 | Pendiente | 219.017931 | -2.00000000 o/oo |
| 47600.000000 | Pendiente | 218.817931 | -2.00000000 o/oo |
| 47700.000000 | Pendiente | 218.617931 | -2.00000000 o/oo |
| 47800.000000 | Pendiente | 218.417931 | -2.00000000 o/oo |
| 47900.000000 | Pendiente | 218.217931 | -2.00000000 o/oo |
| 48000.000000 | Pendiente | 218.017931 | -2.00000000 o/oo |
| 48100.000000 | Pendiente | 217.817931 | -2.00000000 o/oo |
| 48100.949775 | tg. entrada | 217.816031 | -2.00000000 o/oo |
| 48185.949775 | Punto bajo | 217.731031 | 0.00000000 o/oo |
| 48200.000000 | KV 42500 | 217.733354 | 0.33059352 o/oo |
| 48270.949775 | tg. salida | 217.816031 | 2.00000000 o/oo |
| 48300.000000 | Rampa | 217.874132 | 2.00000000 o/oo |
| 48400.000000 | Rampa | 218.074132 | 2.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 48500.000000 | Rampa | 218.274132 | 2.00000000 o/oo |
| 48600.000000 | Rampa | 218.474132 | 2.00000000 o/oo |
| 48700.000000 | Rampa | 218.674132 | 2.00000000 o/oo |
| 48800.000000 | Rampa | 218.874132 | 2.00000000 o/oo |
| 48900.000000 | Rampa | 219.074132 | 2.00000000 o/oo |
| 49000.000000 | Rampa | 219.274132 | 2.00000000 o/oo |
| 49100.000000 | Rampa | 219.474132 | 2.00000000 o/oo |
| 49200.000000 | Rampa | 219.674132 | 2.00000000 o/oo |
| 49300.000000 | Rampa | 219.874132 | 2.00000000 o/oo |
| 49400.000000 | Rampa | 220.074132 | 2.00000000 o/oo |
| 49500.000000 | Rampa | 220.274132 | 2.00000000 o/oo |
| 49600.000000 | Rampa | 220.474132 | 2.00000000 o/oo |
| 49700.000000 | Rampa | 220.674132 | 2.00000000 o/oo |
| 49800.000000 | Rampa | 220.874132 | 2.00000000 o/oo |
| 49892.839561 | tg. entrada | 221.059811 | 2.00000000 o/oo |
| 49900.000000 | KV 13077 | 221.076092 | 2.54756295 o/oo |
| 50000.000000 | KV 13077 | 221.713202 | 10.19462178 o/oo |
| 50062.839561 | tg. salida | 222.504811 | 15.00000000 o/oo |
| 50100.000000 | Rampa | 223.062218 | 15.00000000 o/oo |
| 50200.000000 | Rampa | 224.562218 | 15.00000000 o/oo |
| 50300.000000 | Rampa | 226.062218 | 15.00000000 o/oo |
| 50400.000000 | Rampa | 227.562218 | 15.00000000 o/oo |
| 50500.000000 | Rampa | 229.062218 | 15.00000000 o/oo |
| 50600.000000 | Rampa | 230.562218 | 15.00000000 o/oo |
| 50700.000000 | Rampa | 232.062218 | 15.00000000 o/oo |
| 50800.000000 | Rampa | 233.562218 | 15.00000000 o/oo |
| 50900.000000 | Rampa | 235.062218 | 15.00000000 o/oo |
| 51000.000000 | Rampa | 236.562218 | 15.00000000 o/oo |
| 51100.000000 | Rampa | 238.062218 | 15.00000000 o/oo |
| 51200.000000 | Rampa | 239.562218 | 15.00000000 o/oo |
| 51300.000000 | Rampa | 241.062218 | 15.00000000 o/oo |
| 51400.000000 | Rampa | 242.562218 | 15.00000000 o/oo |
| 51500.000000 | Rampa | 244.062218 | 15.00000000 o/oo |
| 51600.000000 | Rampa | 245.562218 | 15.00000000 o/oo |
| 51700.000000 | Rampa | 247.062218 | 15.00000000 o/oo |
| 51800.000000 | Rampa | 248.562218 | 15.00000000 o/oo |
| 51900.000000 | Rampa | 250.062218 | 15.00000000 o/oo |
| 52000.000000 | Rampa | 251.562218 | 15.00000000 o/oo |
| 52100.000000 | Rampa | 253.062218 | 15.00000000 o/oo |
| 52176.563512 | tg. entrada | 254.210670 | 15.00000000 o/oo |
| 52200.000000 | KV -16000 | 254.545053 | 13.53521952 o/oo |
| 52300.000000 | KV -16000 | 255.586075 | 7.28521952 o/oo |
| 52400.000000 | KV -16000 | 256.002097 | 1.03521952 o/oo |
| 52416.563512 | Punto alto | 256.010670 | 0.00000000 o/oo |
| 52472.563512 | tg. salida | 255.912670 | -3.50000000 o/oo |
| 52500.000000 | Pendiente | 255.816643 | -3.50000000 o/oo |
| 52600.000000 | Pendiente | 255.466643 | -3.50000000 o/oo |
| 52700.000000 | Pendiente | 255.116643 | -3.50000000 o/oo |
| 52800.000000 | Pendiente | 254.766643 | -3.50000000 o/oo |
| 52900.000000 | Pendiente | 254.416643 | -3.50000000 o/oo |
| 53000.000000 | Pendiente | 254.066643 | -3.50000000 o/oo |
| 53100.000000 | Pendiente | 253.716643 | -3.50000000 o/oo |
| 53115.872032 | tg. entrada | 253.661090 | -3.50000000 o/oo |
| 53168.984532 | Punto bajo | 253.568144 | 0.00000000 o/oo |
| 53200.000000 | KV 15175 | 253.599839 | 2.04385292 o/oo |
| 53233.478282 | tg. salida | 253.705193 | 4.25000000 o/oo |
| 53300.000000 | Rampa | 253.987910 | 4.25000000 o/oo |
| 53400.000000 | Rampa | 254.412910 | 4.25000000 o/oo |
| 53500.000000 | Rampa | 254.837910 | 4.25000000 o/oo |
| 53600.000000 | Rampa | 255.262910 | 4.25000000 o/oo |
| 53700.000000 | Rampa | 255.687910 | 4.25000000 o/oo |
| 53800.000000 | Rampa | 256.112910 | 4.25000000 o/oo |
| 53869.786160 | tg. entrada | 256.409501 | 4.25000000 o/oo |
| 53900.000000 | KV 12600 | 256.574135 | 6.64792381 o/oo |
| 54000.000000 | KV 12600 | 257.635753 | 14.58443175 o/oo |
| 54002.695885 | tg. salida | 257.675359 | 14.79839091 o/oo |
| 54100.000000 | Rampa | 259.115304 | 14.79839091 o/oo |
| 54200.000000 | Rampa | 260.595143 | 14.79839091 o/oo |
| 54300.000000 | Rampa | 262.074982 | 14.79839091 o/oo |
| 54318.657562 | tg. entrada | 262.351084 | 14.79839091 o/oo |
| 54400.000000 | KV -22000 | 263.404444 | 11.10100735 o/oo |
| 54500.000000 | KV -22000 | 264.287272 | 6.55555280 o/oo |
| 54600.000000 | KV -22000 | 264.715555 | 2.01009826 o/oo |
| 54644.222162 | tg. salida | 264.760000 | 0.00000000 o/oo |
| 54700.000000 | Horizontal | 264.760000 | 0.00000000 o/oo |
| 54800.000000 | Horizontal | 264.760000 | 0.00000000 o/oo |
| 54900.000000 | Horizontal | 264.760000 | 0.00000000 o/oo |
| 55000.000000 | Horizontal | 264.760000 | 0.00000000 o/oo |
| 55098.112000 | Horizontal | 264.760000 | 0.00000000 o/oo |

PK 25+200 a PK 55+082.852. VÍA IZQUIERDA.

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 25200.000000 | Rampa | 478.000000 | 2.00000000 o/oo |
| 25300.000000 | Rampa | 478.200000 | 2.00000000 o/oo |
| 25400.000000 | Rampa | 478.400000 | 2.00000000 o/oo |
| 25500.000000 | Rampa | 478.600000 | 2.00000000 o/oo |
| 25600.000000 | Rampa | 478.800000 | 2.00000000 o/oo |
| 25700.000000 | Rampa | 479.000000 | 2.00000000 o/oo |
| 25800.000000 | Rampa | 479.200000 | 2.00000000 o/oo |
| 25900.000000 | Rampa | 479.400000 | 2.00000000 o/oo |
| 26000.000000 | Rampa | 479.600000 | 2.00000000 o/oo |
| 26100.000000 | Rampa | 479.800000 | 2.00000000 o/oo |
| 26102.386000 | tg. entrada | 479.804772 | 2.00000000 o/oo |
| 26200.000000 | KV 35000 | 480.136121 | 4.78897143 o/oo |
| 26277.386000 | tg. salida | 480.592272 | 7.00000000 o/oo |
| 26300.000000 | Rampa | 480.750570 | 7.00000000 o/oo |
| 26400.000000 | Rampa | 481.450570 | 7.00000000 o/oo |
| 26500.000000 | Rampa | 482.150570 | 7.00000000 o/oo |
| 26600.000000 | Rampa | 482.850570 | 7.00000000 o/oo |
| 26601.823857 | tg. entrada | 482.863337 | 7.00000000 o/oo |
| 26700.000000 | KV -20000 | 483.309606 | 2.09119286 o/oo |
| 26741.823857 | Punto alto | 483.353337 | 0.00000000 o/oo |
| 26800.000000 | KV -20000 | 483.268725 | -2.90880714 o/oo |
| 26900.000000 | KV -20000 | 482.727845 | -7.90880714 o/oo |
| 27000.000000 | KV -20000 | 481.686964 | -12.90880714 o/oo |
| 27021.823857 | tg. salida | 481.393337 | -14.00000000 o/oo |
| 27100.000000 | Pendiente | 480.298871 | -14.00000000 o/oo |
| 27200.000000 | Pendiente | 478.898871 | -14.00000000 o/oo |
| 27300.000000 | Pendiente | 477.498871 | -14.00000000 o/oo |
| 27400.000000 | Pendiente | 476.098871 | -14.00000000 o/oo |
| 27500.000000 | Pendiente | 474.698871 | -14.00000000 o/oo |
| 27600.000000 | Pendiente | 473.298871 | -14.00000000 o/oo |
| 27700.000000 | Pendiente | 471.898871 | -14.00000000 o/oo |
| 27800.000000 | Pendiente | 470.498871 | -14.00000000 o/oo |
| 27900.000000 | Pendiente | 469.098871 | -14.00000000 o/oo |
| 28000.000000 | Pendiente | 467.698871 | -14.00000000 o/oo |
| 28100.000000 | Pendiente | 466.298871 | -14.00000000 o/oo |
| 28200.000000 | Pendiente | 464.898871 | -14.00000000 o/oo |
| 28300.000000 | Pendiente | 463.498871 | -14.00000000 o/oo |
| 28400.000000 | Pendiente | 462.098871 | -14.00000000 o/oo |
| 28500.000000 | Pendiente | 460.698871 | -14.00000000 o/oo |
| 28600.000000 | Pendiente | 459.298871 | -14.00000000 o/oo |
| 28700.000000 | Pendiente | 457.898871 | -14.00000000 o/oo |
| 28800.000000 | Pendiente | 456.498871 | -14.00000000 o/oo |
| 28900.000000 | Pendiente | 455.098871 | -14.00000000 o/oo |
| 29000.000000 | Pendiente | 453.698871 | -14.00000000 o/oo |
| 29100.000000 | Pendiente | 452.298871 | -14.00000000 o/oo |
| 29200.000000 | Pendiente | 450.898871 | -14.00000000 o/oo |
| 29300.000000 | Pendiente | 449.498871 | -14.00000000 o/oo |
| 29400.000000 | Pendiente | 448.098871 | -14.00000000 o/oo |
| 29500.000000 | Pendiente | 446.698871 | -14.00000000 o/oo |
| 29600.000000 | Pendiente | 445.298871 | -14.00000000 o/oo |
| 29700.000000 | Pendiente | 443.898871 | -14.00000000 o/oo |
| 29800.000000 | Pendiente | 442.498871 | -14.00000000 o/oo |
| 29900.000000 | Pendiente | 441.098871 | -14.00000000 o/oo |
| 30000.000000 | Pendiente | 439.698871 | -14.00000000 o/oo |
| 30100.000000 | Pendiente | 438.298871 | -14.00000000 o/oo |
| 30200.000000 | Pendiente | 436.898871 | -14.00000000 o/oo |
| 30300.000000 | Pendiente | 435.498871 | -14.00000000 o/oo |
| 30400.000000 | Pendiente | 434.098871 | -14.00000000 o/oo |
| 30500.000000 | Pendiente | 432.698871 | -14.00000000 o/oo |
| 30600.000000 | Pendiente | 431.298871 | -14.00000000 o/oo |
| 30700.000000 | Pendiente | 429.898871 | -14.00000000 o/oo |
| 30800.000000 | Pendiente | 428.498871 | -14.00000000 o/oo |
| 30900.000000 | Pendiente | 427.098871 | -14.00000000 o/oo |
| 31000.000000 | Pendiente | 425.698871 | -14.00000000 o/oo |
| 31100.000000 | Pendiente | 424.298871 | -14.00000000 o/oo |
| 31200.000000 | Pendiente | 422.898871 | -14.00000000 o/oo |
| 31300.000000 | Pendiente | 421.498871 | -14.00000000 o/oo |
| 31400.000000 | Pendiente | 420.098871 | -14.00000000 o/oo |
| 31500.000000 | Pendiente | 418.698871 | -14.00000000 o/oo |
| 31600.000000 | Pendiente | 417.298871 | -14.00000000 o/oo |
| 31700.000000 | Pendiente | 415.898871 | -14.00000000 o/oo |
| 31800.000000 | Pendiente | 414.498871 | -14.00000000 o/oo |
| 31900.000000 | Pendiente | 413.098871 | -14.00000000 o/oo |
| 32000.000000 | Pendiente | 411.698871 | -14.00000000 o/oo |
| 32100.000000 | Pendiente | 410.298871 | -14.00000000 o/oo |
| 32200.000000 | Pendiente | 408.898871 | -14.00000000 o/oo |
| 32300.000000 | Pendiente | 407.498871 | -14.00000000 o/oo |
| 32400.000000 | Pendiente | 406.098871 | -14.00000000 o/oo |
| 32500.000000 | Pendiente | 404.698871 | -14.00000000 o/oo |
| 32600.000000 | Pendiente | 403.298871 | -14.00000000 o/oo |
| 32700.000000 | Pendiente | 401.898871 | -14.00000000 o/oo |
| 32800.000000 | Pendiente | 400.498871 | -14.00000000 o/oo |
| 32900.000000 | Pendiente | 399.098871 | -14.00000000 o/oo |
| 33000.000000 | Pendiente | 397.698871 | -14.00000000 o/oo |
| 33100.000000 | Pendiente | 396.298871 | -14.00000000 o/oo |
| 33200.000000 | Pendiente | 394.898871 | -14.00000000 o/oo |
| 33300.000000 | Pendiente | 393.498871 | -14.00000000 o/oo |
| 33400.000000 | Pendiente | 392.098871 | -14.00000000 o/oo |
| 33500.000000 | Pendiente | 390.698871 | -14.00000000 o/oo |
| 33600.000000 | Pendiente | 389.298871 | -14.00000000 o/oo |
| 33700.000000 | Pendiente | 387.898871 | -14.00000000 o/oo |
| 33800.000000 | Pendiente | 386.498871 | -14.00000000 o/oo |
| 33900.000000 | Pendiente | 385.098871 | -14.00000000 o/oo |
| 34000.000000 | Pendiente | 383.698871 | -14.00000000 o/oo |
| 34100.000000 | Pendiente | 382.298871 | -14.00000000 o/oo |
| 34200.000000 | Pendiente | 380.898871 | -14.00000000 o/oo |
| 34300.000000 | Pendiente | 379.498871 | -14.00000000 o/oo |
| 34400.000000 | Pendiente | 378.098871 | -14.00000000 o/oo |
| 34500.000000 | Pendiente | 376.698871 | -14.00000000 o/oo |
| 34600.000000 | Pendiente | 375.298871 | -14.00000000 o/oo |
| 34700.000000 | Pendiente | 373.898871 | -14.00000000 o/oo |
| 34800.000000 | Pendiente | 372.498871 | -14.00000000 o/oo |
| 34900.000000 | Pendiente | 371.098871 | -14.00000000 o/oo |
| 35000.000000 | Pendiente | 369.698871 | -14.00000000 o/oo |
| 35100.000000 | Pendiente | 368.298871 | -14.00000000 o/oo |
| 35200.000000 | Pendiente | 366.898871 | -14.00000000 o/oo |
| 35300.000000 | Pendiente | 365.498871 | -14.00000000 o/oo |
| 35400.000000 | Pendiente | 364.098871 | -14.00000000 o/oo |
| 35500.000000 | Pendiente | 362.698871 | -14.00000000 o/oo |
| 35600.000000 | Pendiente | 361.298871 | -14.00000000 o/oo |
| 35700.000000 | Pendiente | 359.898871 | -14.00000000 o/oo |
| 35800.000000 | Pendiente | 358.498871 | -14.00000000 o/oo |
| 35900.000000 | Pendiente | 357.098871 | -14.00000000 o/oo |
| 36000.000000 | Pendiente | 355.698871 | -14.00000000 o/oo |
| 36100.000000 | Pendiente | 354.298871 | -14.00000000 o/oo |
| 36200.000000 | Pendiente | 352.898871 | -14.00000000 o/oo |
| 36300.000000 | Pendiente | 351.498871 | -14.00000000 o/oo |
| 36400.000000 | Pendiente | 350.098871 | -14.00000000 o/oo |
| 36500.000000 | Pendiente | 348.698871 | -14.00000000 o/oo |
| 36600.000000 | Pendiente | 347.298871 | -14.00000000 o/oo |
| 36700.000000 | Pendiente | 345.898871 | -14.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 36800.000000 | Pendiente | 344.498871 | -14.00000000 o/oo |
| 36900.000000 | Pendiente | 343.098871 | -14.00000000 o/oo |
| 37000.000000 | Pendiente | 341.698871 | -14.00000000 o/oo |
| 37100.000000 | Pendiente | 340.298871 | -14.00000000 o/oo |
| 37200.000000 | Pendiente | 338.898871 | -14.00000000 o/oo |
| 37300.000000 | Pendiente | 337.498871 | -14.00000000 o/oo |
| 37400.000000 | Pendiente | 336.098871 | -14.00000000 o/oo |
| 37500.000000 | Pendiente | 334.698871 | -14.00000000 o/oo |
| 37600.000000 | Pendiente | 333.298871 | -14.00000000 o/oo |
| 37700.000000 | Pendiente | 331.898871 | -14.00000000 o/oo |
| 37800.000000 | Pendiente | 330.498871 | -14.00000000 o/oo |
| 37900.000000 | Pendiente | 329.098871 | -14.00000000 o/oo |
| 38000.000000 | Pendiente | 327.698871 | -14.00000000 o/oo |
| 38100.000000 | Pendiente | 326.298871 | -14.00000000 o/oo |
| 38200.000000 | Pendiente | 324.898871 | -14.00000000 o/oo |
| 38300.000000 | Pendiente | 323.498871 | -14.00000000 o/oo |
| 38400.000000 | Pendiente | 322.098871 | -14.00000000 o/oo |
| 38500.000000 | Pendiente | 320.698871 | -14.00000000 o/oo |
| 38600.000000 | Pendiente | 319.298871 | -14.00000000 o/oo |
| 38700.000000 | Pendiente | 317.898871 | -14.00000000 o/oo |
| 38800.000000 | Pendiente | 316.498871 | -14.00000000 o/oo |
| 38900.000000 | Pendiente | 315.098871 | -14.00000000 o/oo |
| 39000.000000 | Pendiente | 313.698871 | -14.00000000 o/oo |
| 39100.000000 | Pendiente | 312.298871 | -14.00000000 o/oo |
| 39200.000000 | Pendiente | 310.898871 | -14.00000000 o/oo |
| 39300.000000 | Pendiente | 309.498871 | -14.00000000 o/oo |
| 39400.000000 | Pendiente | 308.098871 | -14.00000000 o/oo |
| 39500.000000 | Pendiente | 306.698871 | -14.00000000 o/oo |
| 39600.000000 | Pendiente | 305.298871 | -14.00000000 o/oo |
| 39700.000000 | Pendiente | 303.898871 | -14.00000000 o/oo |
| 39800.000000 | Pendiente | 302.498871 | -14.00000000 o/oo |
| 39900.000000 | Pendiente | 301.098871 | -14.00000000 o/oo |
| 40000.000000 | Pendiente | 299.698871 | -14.00000000 o/oo |
| 40100.000000 | Pendiente | 298.298871 | -14.00000000 o/oo |
| 40200.000000 | Pendiente | 296.898871 | -14.00000000 o/oo |
| 40300.000000 | Pendiente | 295.498871 | -14.00000000 o/oo |
| 40400.000000 | Pendiente | 294.098871 | -14.00000000 o/oo |
| 40500.000000 | Pendiente | 292.698871 | -14.00000000 o/oo |
| 40600.000000 | Pendiente | 291.298871 | -14.00000000 o/oo |
| 40700.000000 | Pendiente | 289.898871 | -14.00000000 o/oo |
| 40800.000000 | Pendiente | 288.498871 | -14.00000000 o/oo |
| 40900.000000 | Pendiente | 287.098871 | -14.00000000 o/oo |
| 41000.000000 | Pendiente | 285.698871 | -14.00000000 o/oo |
| 41100.000000 | Pendiente | 284.298871 | -14.00000000 o/oo |
| 41200.000000 | Pendiente | 282.898871 | -14.00000000 o/oo |
| 41300.000000 | Pendiente | 281.498871 | -14.00000000 o/oo |
| 41400.000000 | Pendiente | 280.098871 | -14.00000000 o/oo |
| 41500.000000 | Pendiente | 278.698871 | -14.00000000 o/oo |
| 41600.000000 | Pendiente | 277.298871 | -14.00000000 o/oo |
| 41700.000000 | Pendiente | 275.898871 | -14.00000000 o/oo |
| 41800.000000 | Pendiente | 274.498871 | -14.00000000 o/oo |
| 41900.000000 | Pendiente | 273.098871 | -14.00000000 o/oo |
| 42000.000000 | Pendiente | 271.698871 | -14.00000000 o/oo |
| 42100.000000 | Pendiente | 270.298871 | -14.00000000 o/oo |
| 42200.000000 | Pendiente | 268.898871 | -14.00000000 o/oo |
| 42300.000000 | Pendiente | 267.498871 | -14.00000000 o/oo |
| 42400.000000 | Pendiente | 266.098871 | -14.00000000 o/oo |
| 42500.000000 | Pendiente | 264.698871 | -14.00000000 o/oo |
| 42600.000000 | Pendiente | 263.298871 | -14.00000000 o/oo |
| 42700.000000 | Pendiente | 261.898871 | -14.00000000 o/oo |
| 42800.000000 | Pendiente | 260.498871 | -14.00000000 o/oo |
| 42900.000000 | Pendiente | 259.098871 | -14.00000000 o/oo |
| 43000.000000 | Pendiente | 257.698871 | -14.00000000 o/oo |
| 43100.000000 | Pendiente | 256.298871 | -14.00000000 o/oo |
| 43200.000000 | Pendiente | 254.898871 | -14.00000000 o/oo |
| 43300.000000 | Pendiente | 253.498871 | -14.00000000 o/oo |
| 43400.000000 | Pendiente | 252.098871 | -14.00000000 o/oo |
| 43500.000000 | Pendiente | 250.698871 | -14.00000000 o/oo |
| 43600.000000 | Pendiente | 249.298871 | -14.00000000 o/oo |
| 43700.000000 | Pendiente | 247.898871 | -14.00000000 o/oo |
| 43800.000000 | Pendiente | 246.498871 | -14.00000000 o/oo |
| 43900.000000 | Pendiente | 245.098871 | -14.00000000 o/oo |
| 44000.000000 | Pendiente | 243.698871 | -14.00000000 o/oo |
| 44100.000000 | Pendiente | 242.298871 | -14.00000000 o/oo |
| 44200.000000 | Pendiente | 240.898871 | -14.00000000 o/oo |
| 44300.000000 | Pendiente | 239.498871 | -14.00000000 o/oo |
| 44400.000000 | Pendiente | 238.098871 | -14.00000000 o/oo |
| 44500.000000 | Pendiente | 236.698871 | -14.00000000 o/oo |
| 44600.000000 | Pendiente | 235.298871 | -14.00000000 o/oo |
| 44700.000000 | Pendiente | 233.898871 | -14.00000000 o/oo |
| 44800.000000 | Pendiente | 232.498871 | -14.00000000 o/oo |
| 44900.000000 | Pendiente | 231.098871 | -14.00000000 o/oo |
| 45000.000000 | Pendiente | 229.698871 | -14.00000000 o/oo |
| 45100.000000 | Pendiente | 228.298871 | -14.00000000 o/oo |
| 45200.000000 | Pendiente | 226.898871 | -14.00000000 o/oo |
| 45300.000000 | Pendiente | 225.498871 | -14.00000000 o/oo |
| 45334.150448 | tg. entrada | 225.020765 | -14.00000000 o/oo |
| 45400.000000 | KV 22500 | 224.195230 | -11.07335326 o/oo |
| 45500.000000 | KV 22500 | 223.310117 | -6.62890881 o/oo |
| 45600.000000 | KV 22500 | 222.869448 | -2.18446437 o/oo |
| 45604.150448 | tg. salida | 222.860765 | -2.00000000 o/oo |
| 45700.000000 | Pendiente | 222.669066 | -2.00000000 o/oo |
| 45800.000000 | Pendiente | 222.469066 | -2.00000000 o/oo |
| 45900.000000 | Pendiente | 222.269066 | -2.00000000 o/oo |
| 46000.000000 | Pendiente | 222.069066 | -2.00000000 o/oo |
| 46100.000000 | Pendiente | 221.869066 | -2.00000000 o/oo |
| 46200.000000 | Pendiente | 221.669066 | -2.00000000 o/oo |
| 46300.000000 | Pendiente | 221.469066 | -2.00000000 o/oo |
| 46400.000000 | Pendiente | 221.269066 | -2.00000000 o/oo |
| 46500.000000 | Pendiente | 221.069066 | -2.00000000 o/oo |
| 46600.000000 | Pendiente | 220.869066 | -2.00000000 o/oo |
| 46700.000000 | Pendiente | 220.669066 | -2.00000000 o/oo |
| 46800.000000 | Pendiente | 220.469066 | -2.00000000 o/oo |
| 46900.000000 | Pendiente | 220.269066 | -2.00000000 o/oo |
| 47000.000000 | Pendiente | 220.069066 | -2.00000000 o/oo |
| 47100.000000 | Pendiente | 219.869066 | -2.00000000 o/oo |
| 47200.000000 | Pendiente | 219.669066 | -2.00000000 o/oo |
| 47300.000000 | Pendiente | 219.469066 | -2.00000000 o/oo |
| 47400.000000 | Pendiente | 219.269066 | -2.00000000 o/oo |
| 47500.000000 | Pendiente | 219.069066 | -2.00000000 o/oo |
| 47600.000000 | Pendiente | 218.869066 | -2.00000000 o/oo |
| 47700.000000 | Pendiente | 218.669066 | -2.00000000 o/oo |
| 47800.000000 | Pendiente | 218.469066 | -2.00000000 o/oo |
| 47900.000000 | Pendiente | 218.269066 | -2.00000000 o/oo |
| 48000.000000 | Pendiente | 218.069066 | -2.00000000 o/oo |
| 48100.000000 | Pendiente | 217.869066 | -2.00000000 o/oo |
| 48151.765905 | tg. entrada | 217.765534 | -2.00000000 o/oo |
| 48200.000000 | KV 31250 | 217.706290 | -0.45650896 o/oo |
| 48214.265905 | Punto bajo | 217.703034 | 0.00000000 o/oo |
| 48276.765905 | tg. salida | 217.765534 | 2.00000000 o/oo |
| 48300.000000 | Rampa | 217.812002 | 2.00000000 o/oo |
| 48400.000000 | Rampa | 218.012002 | 2.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 48500.000000 | Rampa | 218.212002 | 2.00000000 o/oo |
| 48600.000000 | Rampa | 218.412002 | 2.00000000 o/oo |
| 48700.000000 | Rampa | 218.612002 | 2.00000000 o/oo |
| 48800.000000 | Rampa | 218.812002 | 2.00000000 o/oo |
| 48900.000000 | Rampa | 219.012002 | 2.00000000 o/oo |
| 49000.000000 | Rampa | 219.212002 | 2.00000000 o/oo |
| 49100.000000 | Rampa | 219.412002 | 2.00000000 o/oo |
| 49200.000000 | Rampa | 219.612002 | 2.00000000 o/oo |
| 49300.000000 | Rampa | 219.812002 | 2.00000000 o/oo |
| 49400.000000 | Rampa | 220.012002 | 2.00000000 o/oo |
| 49500.000000 | Rampa | 220.212002 | 2.00000000 o/oo |
| 49600.000000 | Rampa | 220.412002 | 2.00000000 o/oo |
| 49700.000000 | Rampa | 220.612002 | 2.00000000 o/oo |
| 49800.000000 | Rampa | 220.812002 | 2.00000000 o/oo |
| 49835.808077 | tg. entrada | 220.883618 | 2.00000000 o/oo |
| 49900.000000 | KV 25000 | 221.094414 | 4.56767692 o/oo |
| 50000.000000 | KV 25000 | 221.751182 | 8.56767692 o/oo |
| 50100.000000 | KV 25000 | 222.807949 | 12.56767692 o/oo |
| 50160.808077 | tg. salida | 223.646118 | 15.00000000 o/oo |
| 50200.000000 | Rampa | 224.233997 | 15.00000000 o/oo |
| 50300.000000 | Rampa | 225.733997 | 15.00000000 o/oo |
| 50400.000000 | Rampa | 227.233997 | 15.00000000 o/oo |
| 50500.000000 | Rampa | 228.733997 | 15.00000000 o/oo |
| 50600.000000 | Rampa | 230.233997 | 15.00000000 o/oo |
| 50700.000000 | Rampa | 231.733997 | 15.00000000 o/oo |
| 50800.000000 | Rampa | 233.233997 | 15.00000000 o/oo |
| 50900.000000 | Rampa | 234.733997 | 15.00000000 o/oo |
| 51000.000000 | Rampa | 236.233997 | 15.00000000 o/oo |
| 51100.000000 | Rampa | 237.733997 | 15.00000000 o/oo |
| 51200.000000 | Rampa | 239.233997 | 15.00000000 o/oo |
| 51300.000000 | Rampa | 240.733997 | 15.00000000 o/oo |
| 51400.000000 | Rampa | 242.233997 | 15.00000000 o/oo |
| 51500.000000 | Rampa | 243.733997 | 15.00000000 o/oo |
| 51542.254622 | tg. entrada | 244.367816 | 15.00000000 o/oo |
| 51600.000000 | KV -22000 | 245.158212 | 12.37521008 o/oo |
| 51700.000000 | KV -22000 | 246.168461 | 7.82975553 o/oo |
| 51800.000000 | KV -22000 | 246.724163 | 3.28430099 o/oo |
| 51828.254622 | tg. salida | 246.798816 | 2.00000000 o/oo |
| 51900.000000 | Rampa | 246.942307 | 2.00000000 o/oo |
| 52000.000000 | Rampa | 247.142307 | 2.00000000 o/oo |
| 52100.000000 | Rampa | 247.342307 | 2.00000000 o/oo |
| 52200.000000 | Rampa | 247.542307 | 2.00000000 o/oo |
| 52300.000000 | Rampa | 247.742307 | 2.00000000 o/oo |
| 52400.000000 | Rampa | 247.942307 | 2.00000000 o/oo |
| 52500.000000 | Rampa | 248.142307 | 2.00000000 o/oo |
| 52600.000000 | Rampa | 248.342307 | 2.00000000 o/oo |
| 52700.000000 | Rampa | 248.542307 | 2.00000000 o/oo |
| 52800.000000 | Rampa | 248.742307 | 2.00000000 o/oo |
| 52900.000000 | Rampa | 248.942307 | 2.00000000 o/oo |
| 53000.000000 | Rampa | 249.142307 | 2.00000000 o/oo |
| 53100.000000 | Rampa | 249.342307 | 2.00000000 o/oo |
| 53200.000000 | Rampa | 249.542307 | 2.00000000 o/oo |
| 53300.000000 | Rampa | 249.742307 | 2.00000000 o/oo |
| 53362.673468 | tg. entrada | 249.867654 | 2.00000000 o/oo |
| 53400.000000 | KV 15000 | 249.988749 | 4.48843548 o/oo |
| 53500.000000 | KV 15000 | 250.770926 | 11.15510214 o/oo |
| 53557.673468 | tg. salida | 251.525154 | 15.00000000 o/oo |
| 53600.000000 | Rampa | 252.160052 | 15.00000000 o/oo |
| 53700.000000 | Rampa | 253.660052 | 15.00000000 o/oo |
| 53800.000000 | Rampa | 255.160052 | 15.00000000 o/oo |
| 53900.000000 | Rampa | 256.660052 | 15.00000000 o/oo |
| 54000.000000 | Rampa | 258.160052 | 15.00000000 o/oo |
| 54100.000000 | Rampa | 259.660052 | 15.00000000 o/oo |
| 54181.441846 | tg. entrada | 260.881680 | 15.00000000 o/oo |
| 54200.000000 | KV -25000 | 261.153164 | 14.25767385 o/oo |
| 54300.000000 | KV -25000 | 262.378931 | 10.25767385 o/oo |
| 54400.000000 | KV -25000 | 263.204699 | 6.25767385 o/oo |
| 54500.000000 | KV -25000 | 263.630466 | 2.25767385 o/oo |
| 54506.441846 | tg. salida | 263.644180 | 2.00000000 o/oo |
| 54600.000000 | Rampa | 263.831296 | 2.00000000 o/oo |
| 54700.000000 | Rampa | 264.031296 | 2.00000000 o/oo |
| 54800.000000 | Rampa | 264.231296 | 2.00000000 o/oo |
| 54900.000000 | Rampa | 264.431296 | 2.00000000 o/oo |
| 55000.000000 | Rampa | 264.631296 | 2.00000000 o/oo |
| 55082.852000 | Rampa | 264.797000 | 2.00000000 o/oo |

## 3.2. ALTERNATIVA V

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 0.000000 | Rampa | 432.971000 | 15.00044828 o/oo |
| 23.447280 | tg. entrada | 433.322720 | 15.00044828 o/oo |
| 100.000000 | KV -25000 | 434.353838 | 11.93833883 o/oo |
| 200.000000 | KV -25000 | 435.347672 | 7.93833798 o/oo |
| 300.000000 | KV -25000 | 435.941506 | 3.93833713 o/oo |
| 398.458407 | Punto alto | 436.135387 | 0.00000000 o/oo |
| 400.000000 | KV -25000 | 436.135340 | -0.06166372 o/oo |
| 500.000000 | KV -25000 | 435.929173 | -4.06166457 o/oo |
| 600.000000 | KV -25000 | 435.323007 | -8.06166542 o/oo |
| 623.466716 | tg. salida | 435.122812 | -9.00033426 o/oo |
| 700.000000 | Pendiente | 434.433987 | -9.00033426 o/oo |
| 800.000000 | Pendiente | 433.533954 | -9.00033426 o/oo |
| 900.000000 | Pendiente | 432.633920 | -9.00033426 o/oo |
| 1000.000000 | Pendiente | 431.733887 | -9.00033426 o/oo |
| 1100.000000 | Pendiente | 430.833853 | -9.00033426 o/oo |
| 1200.000000 | Pendiente | 429.933820 | -9.00033426 o/oo |
| 1300.000000 | Pendiente | 429.033787 | -9.00033426 o/oo |
| 1400.000000 | Pendiente | 428.133753 | -9.00033426 o/oo |
| 1500.000000 | Pendiente | 427.233720 | -9.00033426 o/oo |
| 1579.648930 | tg. entrada | 426.516853 | -9.00033426 o/oo |
| 1600.000000 | KV 35000 | 426.339603 | -8.41887502 o/oo |
| 1700.000000 | KV 35000 | 425.640573 | -5.56173173 o/oo |
| 1800.000000 | KV 35000 | 425.227257 | -2.70458844 o/oo |
| 1894.660581 | Punto bajo | 425.099248 | 0.00000000 o/oo |
| 1900.000000 | KV 35000 | 425.099655 | 0.15255485 o/oo |
| 2000.000000 | KV 35000 | 425.257768 | 3.00969814 o/oo |
| 2100.000000 | KV 35000 | 425.701595 | 5.86684143 o/oo |
| 2200.000000 | KV 35000 | 426.431136 | 8.72398473 o/oo |
| 2300.000000 | KV 35000 | 427.446391 | 11.58112802 o/oo |
| 2384.660506 | tg. salida | 428.529247 | 14.00000000 o/oo |
| 2400.000000 | Rampa | 428.744000 | 14.00000000 o/oo |
| 2500.000000 | Rampa | 430.144000 | 14.00000000 o/oo |
| 2600.000000 | Rampa | 431.544000 | 14.00000000 o/oo |
| 2700.000000 | Rampa | 432.944000 | 14.00000000 o/oo |
| 2800.000000 | Rampa | 434.344000 | 14.00000000 o/oo |
| 2900.000000 | Rampa | 435.744000 | 14.00000000 o/oo |
| 3000.000000 | Rampa | 437.144000 | 14.00000000 o/oo |
| 3100.000000 | Rampa | 438.544000 | 14.00000000 o/oo |
| 3200.000000 | Rampa | 439.944000 | 14.00000000 o/oo |
| 3300.000000 | Rampa | 441.344000 | 14.00000000 o/oo |
| 3400.000000 | Rampa | 442.744000 | 14.00000000 o/oo |
| 3500.000000 | Rampa | 444.144000 | 14.00000000 o/oo |
| 3600.000000 | Rampa | 445.544000 | 14.00000000 o/oo |
| 3700.000000 | Rampa | 446.944000 | 14.00000000 o/oo |
| 3800.000000 | Rampa | 448.344000 | 14.00000000 o/oo |
| 3900.000000 | Rampa | 449.744000 | 14.00000000 o/oo |
| 4000.000000 | Rampa | 451.144000 | 14.00000000 o/oo |
| 4100.000000 | Rampa | 452.544000 | 14.00000000 o/oo |
| 4200.000000 | Rampa | 453.944000 | 14.00000000 o/oo |
| 4300.000000 | Rampa | 455.344000 | 14.00000000 o/oo |
| 4400.000000 | Rampa | 456.744000 | 14.00000000 o/oo |
| 4500.000000 | Rampa | 458.144000 | 14.00000000 o/oo |
| 4600.000000 | Rampa | 459.544000 | 14.00000000 o/oo |
| 4700.000000 | Rampa | 460.944000 | 14.00000000 o/oo |
| 4800.000000 | Rampa | 462.344000 | 14.00000000 o/oo |
| 4900.000000 | Rampa | 463.744000 | 14.00000000 o/oo |
| 5000.000000 | Rampa | 465.144000 | 14.00000000 o/oo |
| 5100.000000 | Rampa | 466.544000 | 14.00000000 o/oo |
| 5200.000000 | Rampa | 467.944000 | 14.00000000 o/oo |
| 5300.000000 | Rampa | 469.344000 | 14.00000000 o/oo |
| 5400.000000 | Rampa | 470.744000 | 14.00000000 o/oo |
| 5455.999998 | tg. entrada | 471.528000 | 14.00000000 o/oo |
| 5500.000000 | KV -20000 | 472.095600 | 11.79999990 o/oo |
| 5600.000000 | KV -20000 | 473.025600 | 6.79999990 o/oo |
| 5700.000000 | KV -20000 | 473.455600 | 1.79999990 o/oo |
| 5735.999998 | Punto alto | 473.488000 | 0.00000000 o/oo |
| 5775.999998 | tg. salida | 473.448000 | -2.00000000 o/oo |
| 5800.000000 | Pendiente | 473.400000 | -2.00000000 o/oo |
| 5900.000000 | Pendiente | 473.200000 | -2.00000000 o/oo |
| 6000.000000 | Pendiente | 473.000000 | -2.00000000 o/oo |
| 6100.000000 | Pendiente | 472.800000 | -2.00000000 o/oo |
| 6200.000000 | Pendiente | 472.600000 | -2.00000000 o/oo |
| 6300.000000 | Pendiente | 472.400000 | -2.00000000 o/oo |
| 6400.000000 | Pendiente | 472.200000 | -2.00000000 o/oo |
| 6500.000000 | Pendiente | 472.000000 | -2.00000000 o/oo |
| 6600.000000 | Pendiente | 471.800000 | -2.00000000 o/oo |
| 6700.000000 | Pendiente | 471.600000 | -2.00000000 o/oo |
| 6800.000000 | Pendiente | 471.400000 | -2.00000000 o/oo |
| 6900.000000 | Pendiente | 471.200000 | -2.00000000 o/oo |
| 7000.000000 | Pendiente | 471.000000 | -2.00000000 o/oo |
| 7100.000000 | Pendiente | 470.800000 | -2.00000000 o/oo |
| 7200.000000 | Pendiente | 470.600000 | -2.00000000 o/oo |
| 7300.000000 | Pendiente | 470.400000 | -2.00000000 o/oo |
| 7400.000000 | Pendiente | 470.200000 | -2.00000000 o/oo |
| 7500.000000 | Pendiente | 470.000000 | -2.00000000 o/oo |
| 7600.000000 | Pendiente | 469.800000 | -2.00000000 o/oo |
| 7700.000000 | Pendiente | 469.600000 | -2.00000000 o/oo |
| 7800.000000 | Pendiente | 469.400000 | -2.00000000 o/oo |
| 7900.000000 | Pendiente | 469.200000 | -2.00000000 o/oo |
| 8000.000000 | Pendiente | 469.000000 | -2.00000000 o/oo |
| 8100.000000 | Pendiente | 468.800000 | -2.00000000 o/oo |
| 8200.000000 | Pendiente | 468.600000 | -2.00000000 o/oo |
| 8300.000000 | Pendiente | 468.400000 | -2.00000000 o/oo |
| 8400.000000 | Pendiente | 468.200000 | -2.00000000 o/oo |
| 8500.000000 | Pendiente | 468.000000 | -2.00000000 o/oo |
| 8600.000000 | Pendiente | 467.800000 | -2.00000000 o/oo |
| 8681.697318 | tg. entrada | 467.636605 | -2.00000000 o/oo |
| 8700.000000 | KV -35000 | 467.595214 | -2.52293353 o/oo |
| 8800.000000 | KV -35000 | 467.200064 | -5.38007508 o/oo |
| 8900.000000 | KV -35000 | 466.519199 | -8.23721663 o/oo |
| 9000.000000 | KV -35000 | 465.552621 | -11.09435819 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 9031.697478 | tg. salida | 465.186604 | -12.00000000 o/oo |
| 9100.000000 | Pendiente | 464.366974 | -12.00000000 o/oo |
| 9200.000000 | Pendiente | 463.166974 | -12.00000000 o/oo |
| 9300.000000 | Pendiente | 461.966974 | -12.00000000 o/oo |
| 9400.000000 | Pendiente | 460.766974 | -12.00000000 o/oo |
| 9500.000000 | Pendiente | 459.566974 | -12.00000000 o/oo |
| 9600.000000 | Pendiente | 458.366974 | -12.00000000 o/oo |
| 9664.376998 | tg. entrada | 457.594450 | -12.00000000 o/oo |
| 9700.000000 | KV 35000 | 457.185103 | -10.98219994 o/oo |
| 9800.000000 | KV 35000 | 456.229740 | -8.12505709 o/oo |
| 9900.000000 | KV 35000 | 455.560091 | -5.26791423 o/oo |
| 10000.000000 | KV 35000 | 455.176157 | -2.41077137 o/oo |
| 10049.376998 | tg. salida | 455.091950 | -1.00000000 o/oo |
| 10100.000000 | Pendiente | 455.041327 | -1.00000000 o/oo |
| 10200.000000 | Pendiente | 454.941327 | -1.00000000 o/oo |
| 10300.000000 | Pendiente | 454.841327 | -1.00000000 o/oo |
| 10400.000000 | Pendiente | 454.741327 | -1.00000000 o/oo |
| 10500.000000 | Pendiente | 454.641327 | -1.00000000 o/oo |
| 10600.000000 | Pendiente | 454.541327 | -1.00000000 o/oo |
| 10700.000000 | Pendiente | 454.441327 | -1.00000000 o/oo |
| 10800.000000 | Pendiente | 454.341327 | -1.00000000 o/oo |
| 10900.000000 | Pendiente | 454.241327 | -1.00000000 o/oo |
| 10900.275062 | tg. entrada | 454.241052 | -1.00000000 o/oo |
| 10935.275066 | Punto bajo | 454.223552 | 0.00000000 o/oo |
| 11000.000000 | KV 35000 | 454.283399 | 1.84928360 o/oo |
| 11100.000000 | KV 35000 | 454.611185 | 4.70642610 o/oo |
| 11200.000000 | KV 35000 | 455.224685 | 7.56356860 o/oo |
| 11300.000000 | KV 35000 | 456.123899 | 10.42071110 o/oo |
| 11355.275118 | tg. salida | 456.743552 | 12.00000000 o/oo |
| 11400.000000 | Rampa | 457.280251 | 12.00000000 o/oo |
| 11500.000000 | Rampa | 458.480251 | 12.00000000 o/oo |
| 11600.000000 | Rampa | 459.680251 | 12.00000000 o/oo |
| 11700.000000 | Rampa | 460.880251 | 12.00000000 o/oo |
| 11800.000000 | Rampa | 462.080251 | 12.00000000 o/oo |
| 11900.000000 | Rampa | 463.280251 | 12.00000000 o/oo |
| 12000.000000 | Rampa | 464.480251 | 12.00000000 o/oo |
| 12100.000000 | Rampa | 465.680251 | 12.00000000 o/oo |
| 12200.000000 | Rampa | 466.880251 | 12.00000000 o/oo |
| 12300.000000 | Rampa | 468.080251 | 12.00000000 o/oo |
| 12400.000000 | Rampa | 469.280251 | 12.00000000 o/oo |
| 12500.000000 | Rampa | 470.480251 | 12.00000000 o/oo |
| 12600.000000 | Rampa | 471.680251 | 12.00000000 o/oo |
| 12700.000000 | Rampa | 472.880251 | 12.00000000 o/oo |
| 12800.000000 | Rampa | 474.080251 | 12.00000000 o/oo |
| 12900.000000 | Rampa | 475.280251 | 12.00000000 o/oo |
| 12981.818972 | tg. entrada | 476.262078 | 12.00000000 o/oo |
| 13000.000000 | KV -35000 | 476.475529 | 11.48054216 o/oo |
| 13100.000000 | KV -35000 | 477.480726 | 8.62339989 o/oo |
| 13200.000000 | KV -35000 | 478.200209 | 5.76625761 o/oo |
| 13300.000000 | KV -35000 | 478.633977 | 2.90911533 o/oo |
| 13400.000000 | KV -35000 | 478.782032 | 0.05197305 o/oo |
| 13401.819057 | Punto alto | 478.782079 | 0.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 13500.000000 | KV -35000 | 478.644372 | -2.80516923 o/oo |
| 13600.000000 | KV -35000 | 478.220998 | -5.66231150 o/oo |
| 13700.000000 | KV -35000 | 477.511910 | -8.51945378 o/oo |
| 13751.819128 | tg. salida | 477.032079 | -10.00000000 o/oo |
| 13800.000000 | Pendiente | 476.550270 | -10.00000000 o/oo |
| 13900.000000 | Pendiente | 475.550270 | -10.00000000 o/oo |
| 14000.000000 | Pendiente | 474.550270 | -10.00000000 o/oo |
| 14100.000000 | Pendiente | 473.550270 | -10.00000000 o/oo |
| 14200.000000 | Pendiente | 472.550270 | -10.00000000 o/oo |
| 14300.000000 | Pendiente | 471.550270 | -10.00000000 o/oo |
| 14400.000000 | Pendiente | 470.550270 | -10.00000000 o/oo |
| 14500.000000 | Pendiente | 469.550270 | -10.00000000 o/oo |
| 14600.000000 | Pendiente | 468.550270 | -10.00000000 o/oo |
| 14700.000000 | Pendiente | 467.550270 | -10.00000000 o/oo |
| 14800.000000 | Pendiente | 466.550270 | -10.00000000 o/oo |
| 14900.000000 | Pendiente | 465.550270 | -10.00000000 o/oo |
| 15000.000000 | Pendiente | 464.550270 | -10.00000000 o/oo |
| 15100.000000 | Pendiente | 463.550270 | -10.00000000 o/oo |
| 15200.000000 | Pendiente | 462.550270 | -10.00000000 o/oo |
| 15237.261680 | tg. entrada | 462.177653 | -10.00000000 o/oo |
| 15300.000000 | KV 35000 | 461.606500 | -8.20747644 o/oo |
| 15400.000000 | KV 35000 | 460.928609 | -5.35033339 o/oo |
| 15500.000000 | KV 35000 | 460.536433 | -2.49319035 o/oo |
| 15587.261656 | Punto bajo | 460.427653 | 0.00000000 o/oo |
| 15600.000000 | KV 35000 | 460.429971 | 0.36395270 o/oo |
| 15700.000000 | KV 35000 | 460.609224 | 3.22109575 o/oo |
| 15800.000000 | KV 35000 | 461.074190 | 6.07823880 o/oo |
| 15900.000000 | KV 35000 | 461.824872 | 8.93538185 o/oo |
| 15919.761634 | tg. salida | 462.007028 | 9.50000000 o/oo |
| 16000.000000 | Rampa | 462.769293 | 9.50000000 o/oo |
| 16100.000000 | Rampa | 463.719293 | 9.50000000 o/oo |
| 16200.000000 | Rampa | 464.669293 | 9.50000000 o/oo |
| 16300.000000 | Rampa | 465.619293 | 9.50000000 o/oo |
| 16400.000000 | Rampa | 466.569293 | 9.50000000 o/oo |
| 16500.000000 | Rampa | 467.519293 | 9.50000000 o/oo |
| 16600.000000 | Rampa | 468.469293 | 9.50000000 o/oo |
| 16700.000000 | Rampa | 469.419293 | 9.50000000 o/oo |
| 16800.000000 | Rampa | 470.369293 | 9.50000000 o/oo |
| 16900.000000 | Rampa | 471.319293 | 9.50000000 o/oo |
| 17000.000000 | Rampa | 472.269293 | 9.50000000 o/oo |
| 17100.000000 | Rampa | 473.219293 | 9.50000000 o/oo |
| 17200.000000 | Rampa | 474.169293 | 9.50000000 o/oo |
| 17300.000000 | Rampa | 475.119293 | 9.50000000 o/oo |
| 17400.000000 | Rampa | 476.069293 | 9.50000000 o/oo |
| 17500.000000 | Rampa | 477.019293 | 9.50000000 o/oo |
| 17600.000000 | Rampa | 477.969293 | 9.50000000 o/oo |
| 17700.000000 | Rampa | 478.919293 | 9.50000000 o/oo |
| 17800.000000 | Rampa | 479.869293 | 9.50000000 o/oo |
| 17900.000000 | Rampa | 480.819293 | 9.50000000 o/oo |
| 18000.000000 | Rampa | 481.769293 | 9.50000000 o/oo |
| 18100.000000 | Rampa | 482.719293 | 9.50000000 o/oo |
| 18200.000000 | Rampa | 483.669293 | 9.50000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 18300.000000 | Rampa | 484.619293 | 9.50000000 o/oo |
| 18400.000000 | Rampa | 485.569293 | 9.50000000 o/oo |
| 18500.000000 | Rampa | 486.519293 | 9.50000000 o/oo |
| 18600.000000 | Rampa | 487.469293 | 9.50000000 o/oo |
| 18700.000000 | Rampa | 488.419293 | 9.50000000 o/oo |
| 18800.000000 | Rampa | 489.369293 | 9.50000000 o/oo |
| 18900.000000 | Rampa | 490.319293 | 9.50000000 o/oo |
| 19000.000000 | Rampa | 491.269293 | 9.50000000 o/oo |
| 19100.000000 | Rampa | 492.219293 | 9.50000000 o/oo |
| 19200.000000 | Rampa | 493.169293 | 9.50000000 o/oo |
| 19300.000000 | Rampa | 494.119293 | 9.50000000 o/oo |
| 19400.000000 | Rampa | 495.069293 | 9.50000000 o/oo |
| 19500.000000 | Rampa | 496.019293 | 9.50000000 o/oo |
| 19600.000000 | Rampa | 496.969293 | 9.50000000 o/oo |
| 19700.000000 | Rampa | 497.919293 | 9.50000000 o/oo |
| 19800.000000 | Rampa | 498.869293 | 9.50000000 o/oo |
| 19900.000000 | Rampa | 499.819293 | 9.50000000 o/oo |
| 20000.000000 | Rampa | 500.769293 | 9.50000000 o/oo |
| 20100.000000 | Rampa | 501.719293 | 9.50000000 o/oo |
| 20200.000000 | Rampa | 502.669293 | 9.50000000 o/oo |
| 20300.000000 | Rampa | 503.619293 | 9.50000000 o/oo |
| 20400.000000 | Rampa | 504.569293 | 9.50000000 o/oo |
| 20500.000000 | Rampa | 505.519293 | 9.50000000 o/oo |
| 20600.000000 | Rampa | 506.469293 | 9.50000000 o/oo |
| 20700.000000 | Rampa | 507.419293 | 9.50000000 o/oo |
| 20800.000000 | Rampa | 508.369293 | 9.50000000 o/oo |
| 20884.316494 | tg. entrada | 509.170299 | 9.50000000 o/oo |
| 20900.000000 | KV -35000 | 509.315779 | 9.05189996 o/oo |
| 21000.000000 | KV -35000 | 510.078112 | 6.19475788 o/oo |
| 21100.000000 | KV -35000 | 510.554730 | 3.33761581 o/oo |
| 21200.000000 | KV -35000 | 510.745635 | 0.48047373 o/oo |
| 21216.816585 | Punto alto | 510.749675 | 0.00000000 o/oo |
| 21300.000000 | KV -35000 | 510.650825 | -2.37666835 o/oo |
| 21400.000000 | KV -35000 | 510.270301 | -5.23381042 o/oo |
| 21500.000000 | KV -35000 | 509.604063 | -8.09095250 o/oo |
| 21566.816681 | tg. salida | 508.999674 | -10.00000000 o/oo |
| 21600.000000 | Pendiente | 508.667841 | -10.00000000 o/oo |
| 21700.000000 | Pendiente | 507.667841 | -10.00000000 o/oo |
| 21800.000000 | Pendiente | 506.667841 | -10.00000000 o/oo |
| 21900.000000 | Pendiente | 505.667841 | -10.00000000 o/oo |
| 22000.000000 | Pendiente | 504.667841 | -10.00000000 o/oo |
| 22100.000000 | Pendiente | 503.667841 | -10.00000000 o/oo |
| 22200.000000 | Pendiente | 502.667841 | -10.00000000 o/oo |
| 22300.000000 | Pendiente | 501.667841 | -10.00000000 o/oo |
| 22400.000000 | Pendiente | 500.667841 | -10.00000000 o/oo |
| 22500.000000 | Pendiente | 499.667841 | -10.00000000 o/oo |
| 22600.000000 | Pendiente | 498.667841 | -10.00000000 o/oo |
| 22700.000000 | Pendiente | 497.667841 | -10.00000000 o/oo |
| 22800.000000 | Pendiente | 496.667841 | -10.00000000 o/oo |
| 22900.000000 | Pendiente | 495.667841 | -10.00000000 o/oo |
| 23000.000000 | Pendiente | 494.667841 | -10.00000000 o/oo |
| 23100.000000 | Pendiente | 493.667841 | -10.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 23200.000000 | Pendiente | 492.667841 | -10.00000000 o/oo |
| 23300.000000 | Pendiente | 491.667841 | -10.00000000 o/oo |
| 23302.711208 | tg. entrada | 491.640729 | -10.00000000 o/oo |
| 23400.000000 | KV 35000 | 490.803057 | -7.22031749 o/oo |
| 23500.000000 | KV 35000 | 490.223883 | -4.36317182 o/oo |
| 23600.000000 | KV 35000 | 489.930423 | -1.50602615 o/oo |
| 23635.210880 | tg. salida | 489.895106 | -0.50000000 o/oo |
| 23700.000000 | Pendiente | 489.862711 | -0.50000000 o/oo |
| 23800.000000 | Pendiente | 489.812711 | -0.50000000 o/oo |
| 23900.000000 | Pendiente | 489.762711 | -0.50000000 o/oo |
| 24000.000000 | Pendiente | 489.712711 | -0.50000000 o/oo |
| 24100.000000 | Pendiente | 489.662711 | -0.50000000 o/oo |
| 24200.000000 | Pendiente | 489.612711 | -0.50000000 o/oo |
| 24300.000000 | Pendiente | 489.562711 | -0.50000000 o/oo |
| 24400.000000 | Pendiente | 489.512711 | -0.50000000 o/oo |
| 24500.000000 | Pendiente | 489.462711 | -0.50000000 o/oo |
| 24542.541248 | tg. entrada | 489.441441 | -0.50000000 o/oo |
| 24555.041252 | Punto bajo | 489.438316 | 0.00000000 o/oo |
| 24600.000000 | KV 25000 | 489.478741 | 1.79834931 o/oo |
| 24700.000000 | KV 25000 | 489.858576 | 5.79834799 o/oo |
| 24800.000000 | KV 25000 | 490.638411 | 9.79834667 o/oo |
| 24900.000000 | KV 25000 | 491.818245 | 13.79834535 o/oo |
| 24930.041376 | tg. salida | 492.250816 | 15.00000000 o/oo |
| 25000.000000 | Rampa | 493.300196 | 15.00000000 o/oo |
| 25100.000000 | Rampa | 494.800196 | 15.00000000 o/oo |
| 25200.000000 | Rampa | 496.300196 | 15.00000000 o/oo |
| 25300.000000 | Rampa | 497.800196 | 15.00000000 o/oo |
| 25400.000000 | Rampa | 499.300196 | 15.00000000 o/oo |
| 25500.000000 | Rampa | 500.800196 | 15.00000000 o/oo |
| 25600.000000 | Rampa | 502.300196 | 15.00000000 o/oo |
| 25700.000000 | Rampa | 503.800196 | 15.00000000 o/oo |
| 25800.000000 | Rampa | 505.300196 | 15.00000000 o/oo |
| 25801.756575 | tg. entrada | 505.326544 | 15.00000000 o/oo |
| 25900.000000 | KV -25000 | 506.607160 | 11.07026415 o/oo |
| 26000.000000 | KV -25000 | 507.514187 | 7.07026531 o/oo |
| 26100.000000 | KV -25000 | 508.021214 | 3.07026647 o/oo |
| 26126.756670 | tg. salida | 508.089045 | 2.00000000 o/oo |
| 26200.000000 | Rampa | 508.235532 | 2.00000000 o/oo |
| 26300.000000 | Rampa | 508.435532 | 2.00000000 o/oo |
| 26400.000000 | Rampa | 508.635532 | 2.00000000 o/oo |
| 26500.000000 | Rampa | 508.835532 | 2.00000000 o/oo |
| 26600.000000 | Rampa | 509.035532 | 2.00000000 o/oo |
| 26700.000000 | Rampa | 509.235532 | 2.00000000 o/oo |
| 26800.000000 | Rampa | 509.435532 | 2.00000000 o/oo |
| 26900.000000 | Rampa | 509.635532 | 2.00000000 o/oo |
| 27000.000000 | Rampa | 509.835532 | 2.00000000 o/oo |
| 27100.000000 | Rampa | 510.035532 | 2.00000000 o/oo |
| 27200.000000 | Rampa | 510.235532 | 2.00000000 o/oo |
| 27300.000000 | Rampa | 510.435532 | 2.00000000 o/oo |
| 27400.000000 | Rampa | 510.635532 | 2.00000000 o/oo |
| 27500.000000 | Rampa | 510.835532 | 2.00000000 o/oo |
| 27600.000000 | Rampa | 511.035532 | 2.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 27700.000000 | Rampa | 511.235532 | 2.00000000 o/oo |
| 27800.000000 | Rampa | 511.435532 | 2.00000000 o/oo |
| 27900.000000 | Rampa | 511.635532 | 2.00000000 o/oo |
| 28000.000000 | Rampa | 511.835532 | 2.00000000 o/oo |
| 28100.000000 | Rampa | 512.035532 | 2.00000000 o/oo |
| 28200.000000 | Rampa | 512.235532 | 2.00000000 o/oo |
| 28300.000000 | Rampa | 512.435532 | 2.00000000 o/oo |
| 28400.000000 | Rampa | 512.635532 | 2.00000000 o/oo |
| 28500.000000 | Rampa | 512.835532 | 2.00000000 o/oo |
| 28600.000000 | Rampa | 513.035532 | 2.00000000 o/oo |
| 28700.000000 | Rampa | 513.235532 | 2.00000000 o/oo |
| 28800.000000 | Rampa | 513.435532 | 2.00000000 o/oo |
| 28900.000000 | Rampa | 513.635532 | 2.00000000 o/oo |
| 29000.000000 | Rampa | 513.835532 | 2.00000000 o/oo |
| 29100.000000 | Rampa | 514.035532 | 2.00000000 o/oo |
| 29200.000000 | Rampa | 514.235532 | 2.00000000 o/oo |
| 29300.000000 | Rampa | 514.435532 | 2.00000000 o/oo |
| 29400.000000 | Rampa | 514.635532 | 2.00000000 o/oo |
| 29500.000000 | Rampa | 514.835532 | 2.00000000 o/oo |
| 29600.000000 | Rampa | 515.035532 | 2.00000000 o/oo |
| 29700.000000 | Rampa | 515.235532 | 2.00000000 o/oo |
| 29800.000000 | Rampa | 515.435532 | 2.00000000 o/oo |
| 29900.000000 | Rampa | 515.635532 | 2.00000000 o/oo |
| 30000.000000 | Rampa | 515.835532 | 2.00000000 o/oo |
| 30100.000000 | Rampa | 516.035532 | 2.00000000 o/oo |
| 30200.000000 | Rampa | 516.235532 | 2.00000000 o/oo |
| 30300.000000 | Rampa | 516.435532 | 2.00000000 o/oo |
| 30400.000000 | Rampa | 516.635532 | 2.00000000 o/oo |
| 30500.000000 | Rampa | 516.835532 | 2.00000000 o/oo |
| 30600.000000 | Rampa | 517.035532 | 2.00000000 o/oo |
| 30700.000000 | Rampa | 517.235532 | 2.00000000 o/oo |
| 30800.000000 | Rampa | 517.435532 | 2.00000000 o/oo |
| 30869.395584 | tg. entrada | 517.574323 | 2.00000000 o/oo |
| 30900.000000 | KV -35000 | 517.622151 | 1.12558860 o/oo |
| 30939.395623 | Punto alto | 517.644323 | 0.00000000 o/oo |
| 31000.000000 | KV -35000 | 517.591853 | -1.73155264 o/oo |
| 31100.000000 | KV -35000 | 517.275841 | -4.58869388 o/oo |
| 31200.000000 | KV -35000 | 516.674115 | -7.44583513 o/oo |
| 31254.395801 | tg. salida | 516.226822 | -9.00000000 o/oo |
| 31300.000000 | Pendiente | 515.816385 | -9.00000000 o/oo |
| 31400.000000 | Pendiente | 514.916385 | -9.00000000 o/oo |
| 31500.000000 | Pendiente | 514.016385 | -9.00000000 o/oo |
| 31600.000000 | Pendiente | 513.116385 | -9.00000000 o/oo |
| 31700.000000 | Pendiente | 512.216385 | -9.00000000 o/oo |
| 31800.000000 | Pendiente | 511.316385 | -9.00000000 o/oo |
| 31900.000000 | Pendiente | 510.416385 | -9.00000000 o/oo |
| 32000.000000 | Pendiente | 509.516385 | -9.00000000 o/oo |
| 32100.000000 | Pendiente | 508.616385 | -9.00000000 o/oo |
| 32200.000000 | Pendiente | 507.716385 | -9.00000000 o/oo |
| 32300.000000 | Pendiente | 506.816385 | -9.00000000 o/oo |
| 32400.000000 | Pendiente | 505.916385 | -9.00000000 o/oo |
| 32500.000000 | Pendiente | 505.016385 | -9.00000000 o/oo |
| 32600.000000 | Pendiente | 504.116385 | -9.00000000 o/oo |
| 32700.000000 | Pendiente | 503.216385 | -9.00000000 o/oo |
| 32800.000000 | Pendiente | 502.316385 | -9.00000000 o/oo |
| 32900.000000 | Pendiente | 501.416385 | -9.00000000 o/oo |
| 33000.000000 | Pendiente | 500.516385 | -9.00000000 o/oo |
| 33028.584616 | tg. entrada | 500.259123 | -9.00000000 o/oo |
| 33100.000000 | KV 25000 | 499.718388 | -6.14338126 o/oo |
| 33200.000000 | KV 25000 | 499.304050 | -2.14337655 o/oo |
| 33253.584350 | Punto bajo | 499.246624 | 0.00000000 o/oo |
| 33300.000000 | KV 25000 | 499.289712 | 1.85662817 o/oo |
| 33303.584291 | tg. salida | 499.296624 | 2.00000000 o/oo |
| 33400.000000 | Rampa | 499.489456 | 2.00000000 o/oo |
| 33500.000000 | Rampa | 499.689456 | 2.00000000 o/oo |
| 33600.000000 | Rampa | 499.889456 | 2.00000000 o/oo |
| 33700.000000 | Rampa | 500.089456 | 2.00000000 o/oo |
| 33800.000000 | Rampa | 500.289456 | 2.00000000 o/oo |
| 33900.000000 | Rampa | 500.489456 | 2.00000000 o/oo |
| 34000.000000 | Rampa | 500.689456 | 2.00000000 o/oo |
| 34100.000000 | Rampa | 500.889456 | 2.00000000 o/oo |
| 34165.338622 | tg. entrada | 501.020133 | 2.00000000 o/oo |
| 34200.000000 | KV 50000 | 501.101470 | 2.69322889 o/oo |
| 34300.000000 | KV 50000 | 501.470793 | 4.69323274 o/oo |
| 34400.000000 | KV 50000 | 502.040116 | 6.69323660 o/oo |
| 34415.338141 | tg. salida | 502.145131 | 7.00000000 o/oo |
| 34500.000000 | Rampa | 502.737764 | 7.00000000 o/oo |
| 34600.000000 | Rampa | 503.437764 | 7.00000000 o/oo |
| 34700.000000 | Rampa | 504.137764 | 7.00000000 o/oo |
| 34800.000000 | Rampa | 504.837764 | 7.00000000 o/oo |
| 34900.000000 | Rampa | 505.537764 | 7.00000000 o/oo |
| 35000.000000 | Rampa | 506.237764 | 7.00000000 o/oo |
| 35100.000000 | Rampa | 506.937764 | 7.00000000 o/oo |
| 35157.868268 | tg. entrada | 507.342842 | 7.00000000 o/oo |
| 35200.000000 | KV -60000 | 507.622971 | 6.29780064 o/oo |
| 35300.000000 | KV -60000 | 508.169417 | 4.63112488 o/oo |
| 35367.867123 | tg. salida | 508.445335 | 3.50000000 o/oo |
| 35400.000000 | Rampa | 508.557801 | 3.50000000 o/oo |
| 35500.000000 | Rampa | 508.907801 | 3.50000000 o/oo |
| 35600.000000 | Rampa | 509.257801 | 3.50000000 o/oo |
| 35700.000000 | Rampa | 509.607801 | 3.50000000 o/oo |
| 35800.000000 | Rampa | 509.957801 | 3.50000000 o/oo |
| 35900.000000 | Rampa | 510.307801 | 3.50000000 o/oo |
| 36000.000000 | Rampa | 510.657801 | 3.50000000 o/oo |
| 36100.000000 | Rampa | 511.007801 | 3.50000000 o/oo |
| 36200.000000 | Rampa | 511.357801 | 3.50000000 o/oo |
| 36300.000000 | Rampa | 511.707801 | 3.50000000 o/oo |
| 36302.947245 | tg. entrada | 511.718116 | 3.50000000 o/oo |
| 36400.000000 | KV 35000 | 512.192361 | 6.27293732 o/oo |
| 36500.000000 | KV 35000 | 512.962512 | 9.13008168 o/oo |
| 36600.000000 | KV 35000 | 514.018378 | 11.98722604 o/oo |
| 36700.000000 | KV 35000 | 515.359957 | 14.84437040 o/oo |
| 36705.447033 | tg. salida | 515.441239 | 15.00000000 o/oo |
| 36800.000000 | Rampa | 516.859533 | 15.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 36900.000000 | Rampa | 518.359533 | 15.00000000 o/oo |
| 37000.000000 | Rampa | 519.859533 | 15.00000000 o/oo |
| 37100.000000 | Rampa | 521.359533 | 15.00000000 o/oo |
| 37200.000000 | Rampa | 522.859533 | 15.00000000 o/oo |
| 37300.000000 | Rampa | 524.359533 | 15.00000000 o/oo |
| 37400.000000 | Rampa | 525.859533 | 15.00000000 o/oo |
| 37500.000000 | Rampa | 527.359533 | 15.00000000 o/oo |
| 37600.000000 | Rampa | 528.859533 | 15.00000000 o/oo |
| 37700.000000 | Rampa | 530.359533 | 15.00000000 o/oo |
| 37800.000000 | Rampa | 531.859533 | 15.00000000 o/oo |
| 37900.000000 | Rampa | 533.359533 | 15.00000000 o/oo |
| 38000.000000 | Rampa | 534.859533 | 15.00000000 o/oo |
| 38100.000000 | Rampa | 536.359533 | 15.00000000 o/oo |
| 38200.000000 | Rampa | 537.859533 | 15.00000000 o/oo |
| 38300.000000 | Rampa | 539.359533 | 15.00000000 o/oo |
| 38400.000000 | Rampa | 540.859533 | 15.00000000 o/oo |
| 38500.000000 | Rampa | 542.359533 | 15.00000000 o/oo |
| 38600.000000 | Rampa | 543.859533 | 15.00000000 o/oo |
| 38700.000000 | Rampa | 545.359533 | 15.00000000 o/oo |
| 38800.000000 | Rampa | 546.859533 | 15.00000000 o/oo |
| 38900.000000 | Rampa | 548.359533 | 15.00000000 o/oo |
| 39000.000000 | Rampa | 549.859533 | 15.00000000 o/oo |
| 39100.000000 | Rampa | 551.359533 | 15.00000000 o/oo |
| 39200.000000 | Rampa | 552.859533 | 15.00000000 o/oo |
| 39300.000000 | Rampa | 554.359533 | 15.00000000 o/oo |
| 39400.000000 | Rampa | 555.859533 | 15.00000000 o/oo |
| 39500.000000 | Rampa | 557.359533 | 15.00000000 o/oo |
| 39600.000000 | Rampa | 558.859533 | 15.00000000 o/oo |
| 39700.000000 | Rampa | 560.359533 | 15.00000000 o/oo |
| 39800.000000 | Rampa | 561.859533 | 15.00000000 o/oo |
| 39900.000000 | Rampa | 563.359533 | 15.00000000 o/oo |
| 40000.000000 | Rampa | 564.859533 | 15.00000000 o/oo |
| 40100.000000 | Rampa | 566.359533 | 15.00000000 o/oo |
| 40200.000000 | Rampa | 567.859533 | 15.00000000 o/oo |
| 40300.000000 | Rampa | 569.359533 | 15.00000000 o/oo |
| 40400.000000 | Rampa | 570.859533 | 15.00000000 o/oo |
| 40500.000000 | Rampa | 572.359533 | 15.00000000 o/oo |
| 40600.000000 | Rampa | 573.859533 | 15.00000000 o/oo |
| 40700.000000 | Rampa | 575.359533 | 15.00000000 o/oo |
| 40800.000000 | Rampa | 576.859533 | 15.00000000 o/oo |
| 40885.520895 | tg. entrada | 578.142347 | 15.00000000 o/oo |
| 40900.000000 | KV -40000 | 578.356913 | 14.63802238 o/oo |
| 41000.000000 | KV -40000 | 579.695715 | 12.13802245 o/oo |
| 41100.000000 | KV -40000 | 580.784517 | 9.63802251 o/oo |
| 41200.000000 | KV -40000 | 581.623320 | 7.13802257 o/oo |
| 41300.000000 | KV -40000 | 582.212122 | 4.63802264 o/oo |
| 41400.000000 | KV -40000 | 582.550924 | 2.13802270 o/oo |
| 41485.520910 | Punto alto | 582.642347 | 0.00000000 o/oo |
| 41500.000000 | KV -40000 | 582.639726 | -0.36197723 o/oo |
| 41600.000000 | KV -40000 | 582.478529 | -2.86197717 o/oo |
| 41700.000000 | KV -40000 | 582.067331 | -5.36197710 o/oo |
| 41725.520917 | tg. salida | 581.922347 | -6.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 41800.000000 | Pendiente | 581.475472 | -6.00000000 o/oo |
| 41900.000000 | Pendiente | 580.875472 | -6.00000000 o/oo |
| 42000.000000 | Pendiente | 580.275472 | -6.00000000 o/oo |
| 42100.000000 | Pendiente | 579.675472 | -6.00000000 o/oo |
| 42200.000000 | Pendiente | 579.075472 | -6.00000000 o/oo |
| 42300.000000 | Pendiente | 578.475472 | -6.00000000 o/oo |
| 42400.000000 | Pendiente | 577.875472 | -6.00000000 o/oo |
| 42500.000000 | Pendiente | 577.275472 | -6.00000000 o/oo |
| 42600.000000 | Pendiente | 576.675472 | -6.00000000 o/oo |
| 42700.000000 | Pendiente | 576.075472 | -6.00000000 o/oo |
| 42800.000000 | Pendiente | 575.475472 | -6.00000000 o/oo |
| 42900.000000 | Pendiente | 574.875472 | -6.00000000 o/oo |
| 43000.000000 | Pendiente | 574.275472 | -6.00000000 o/oo |
| 43100.000000 | Pendiente | 573.675472 | -6.00000000 o/oo |
| 43200.000000 | Pendiente | 573.075472 | -6.00000000 o/oo |
| 43300.000000 | Pendiente | 572.475472 | -6.00000000 o/oo |
| 43400.000000 | Pendiente | 571.875472 | -6.00000000 o/oo |
| 43500.000000 | Pendiente | 571.275472 | -6.00000000 o/oo |
| 43600.000000 | Pendiente | 570.675472 | -6.00000000 o/oo |
| 43700.000000 | Pendiente | 570.075472 | -6.00000000 o/oo |
| 43800.000000 | Pendiente | 569.475472 | -6.00000000 o/oo |
| 43900.000000 | Pendiente | 568.875472 | -6.00000000 o/oo |
| 44000.000000 | Pendiente | 568.275472 | -6.00000000 o/oo |
| 44006.717671 | tg. entrada | 568.235166 | -6.00000000 o/oo |
| 44100.000000 | KV 35000 | 567.799781 | -3.33478805 o/oo |
| 44200.000000 | KV 35000 | 567.609160 | -0.47764244 o/oo |
| 44216.717469 | Punto bajo | 567.605167 | 0.00000000 o/oo |
| 44286.717402 | tg. salida | 567.675167 | 2.00000000 o/oo |
| 44300.000000 | Rampa | 567.701732 | 2.00000000 o/oo |
| 44400.000000 | Rampa | 567.901732 | 2.00000000 o/oo |
| 44500.000000 | Rampa | 568.101732 | 2.00000000 o/oo |
| 44600.000000 | Rampa | 568.301732 | 2.00000000 o/oo |
| 44700.000000 | Rampa | 568.501732 | 2.00000000 o/oo |
| 44800.000000 | Rampa | 568.701732 | 2.00000000 o/oo |
| 44900.000000 | Rampa | 568.901732 | 2.00000000 o/oo |
| 45000.000000 | Rampa | 569.101732 | 2.00000000 o/oo |
| 45100.000000 | Rampa | 569.301732 | 2.00000000 o/oo |
| 45200.000000 | Rampa | 569.501732 | 2.00000000 o/oo |
| 45300.000000 | Rampa | 569.701732 | 2.00000000 o/oo |
| 45400.000000 | Rampa | 569.901732 | 2.00000000 o/oo |
| 45500.000000 | Rampa | 570.101732 | 2.00000000 o/oo |
| 45600.000000 | Rampa | 570.301732 | 2.00000000 o/oo |
| 45700.000000 | Rampa | 570.501732 | 2.00000000 o/oo |
| 45800.000000 | Rampa | 570.701732 | 2.00000000 o/oo |
| 45820.273880 | tg. entrada | 570.742280 | 2.00000000 o/oo |
| 45900.000000 | KV 35000 | 570.992536 | 4.27788901 o/oo |
| 46000.000000 | KV 35000 | 571.563182 | 7.13503171 o/oo |
| 46100.000000 | KV 35000 | 572.419542 | 9.99217441 o/oo |
| 46170.273900 | tg. salida | 573.192280 | 12.00000000 o/oo |
| 46200.000000 | Rampa | 573.548993 | 12.00000000 o/oo |
| 46300.000000 | Rampa | 574.748993 | 12.00000000 o/oo |
| 46400.000000 | Rampa | 575.948993 | 12.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 46500.000000 | Rampa | 577.148993 | 12.00000000 o/oo |
| 46600.000000 | Rampa | 578.348993 | 12.00000000 o/oo |
| 46700.000000 | Rampa | 579.548993 | 12.00000000 o/oo |
| 46800.000000 | Rampa | 580.748993 | 12.00000000 o/oo |
| 46900.000000 | Rampa | 581.948993 | 12.00000000 o/oo |
| 47000.000000 | Rampa | 583.148993 | 12.00000000 o/oo |
| 47100.000000 | Rampa | 584.348993 | 12.00000000 o/oo |
| 47200.000000 | Rampa | 585.548993 | 12.00000000 o/oo |
| 47300.000000 | Rampa | 586.748993 | 12.00000000 o/oo |
| 47400.000000 | Rampa | 587.948993 | 12.00000000 o/oo |
| 47500.000000 | Rampa | 589.148993 | 12.00000000 o/oo |
| 47600.000000 | Rampa | 590.348993 | 12.00000000 o/oo |
| 47700.000000 | Rampa | 591.548993 | 12.00000000 o/oo |
| 47800.000000 | Rampa | 592.748993 | 12.00000000 o/oo |
| 47900.000000 | Rampa | 593.948993 | 12.00000000 o/oo |
| 48000.000000 | Rampa | 595.148993 | 12.00000000 o/oo |
| 48100.000000 | Rampa | 596.348993 | 12.00000000 o/oo |
| 48200.000000 | Rampa | 597.548993 | 12.00000000 o/oo |
| 48300.000000 | Rampa | 598.748993 | 12.00000000 o/oo |
| 48400.000000 | Rampa | 599.948993 | 12.00000000 o/oo |
| 48500.000000 | Rampa | 601.148993 | 12.00000000 o/oo |
| 48600.000000 | Rampa | 602.348993 | 12.00000000 o/oo |
| 48700.000000 | Rampa | 603.548993 | 12.00000000 o/oo |
| 48800.000000 | Rampa | 604.748993 | 12.00000000 o/oo |
| 48900.000000 | Rampa | 605.948993 | 12.00000000 o/oo |
| 49000.000000 | Rampa | 607.148993 | 12.00000000 o/oo |
| 49100.000000 | Rampa | 608.348993 | 12.00000000 o/oo |
| 49200.000000 | Rampa | 609.548993 | 12.00000000 o/oo |
| 49300.000000 | Rampa | 610.748993 | 12.00000000 o/oo |
| 49400.000000 | Rampa | 611.948993 | 12.00000000 o/oo |
| 49500.000000 | Rampa | 613.148993 | 12.00000000 o/oo |
| 49600.000000 | Rampa | 614.348993 | 12.00000000 o/oo |
| 49681.706071 | tg. entrada | 615.329466 | 12.00000000 o/oo |
| 49700.000000 | KV -45000 | 615.545275 | 11.59346795 o/oo |
| 49800.000000 | KV -45000 | 616.593510 | 9.37124415 o/oo |
| 49900.000000 | KV -45000 | 617.419524 | 7.14902036 o/oo |
| 49996.705847 | tg. salida | 618.006964 | 5.00000000 o/oo |
| 50000.000000 | Rampa | 618.023435 | 5.00000000 o/oo |
| 50100.000000 | Rampa | 618.523435 | 5.00000000 o/oo |
| 50200.000000 | Rampa | 619.023435 | 5.00000000 o/oo |
| 50300.000000 | Rampa | 619.523435 | 5.00000000 o/oo |
| 50400.000000 | Rampa | 620.023435 | 5.00000000 o/oo |
| 50500.000000 | Rampa | 620.523435 | 5.00000000 o/oo |
| 50600.000000 | Rampa | 621.023435 | 5.00000000 o/oo |
| 50700.000000 | Rampa | 621.523435 | 5.00000000 o/oo |
| 50800.000000 | Rampa | 622.023435 | 5.00000000 o/oo |
| 50900.000000 | Rampa | 622.523435 | 5.00000000 o/oo |
| 50965.479761 | tg. entrada | 622.850834 | 5.00000000 o/oo |
| 51000.000000 | KV -35000 | 623.006411 | 4.01370712 o/oo |
| 51100.000000 | KV -35000 | 623.264925 | 1.15656324 o/oo |
| 51140.479699 | Punto alto | 623.288334 | 0.00000000 o/oo |
| 51200.000000 | KV -35000 | 623.237724 | -1.70058063 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 51300.000000 | KV -35000 | 622.924809 | -4.55772451 o/oo |
| 51400.000000 | KV -35000 | 622.326179 | -7.41486838 o/oo |
| 51500.000000 | KV -35000 | 621.441835 | -10.27201226 o/oo |
| 51577.979543 | tg. salida | 620.553960 | -12.50000000 o/oo |
| 51600.000000 | Pendiente | 620.278704 | -12.50000000 o/oo |
| 51700.000000 | Pendiente | 619.028704 | -12.50000000 o/oo |
| 51800.000000 | Pendiente | 617.778704 | -12.50000000 o/oo |
| 51900.000000 | Pendiente | 616.528704 | -12.50000000 o/oo |
| 52000.000000 | Pendiente | 615.278704 | -12.50000000 o/oo |
| 52074.063215 | tg. entrada | 614.352914 | -12.50000000 o/oo |
| 52100.000000 | KV 35000 | 614.038314 | -11.75894913 o/oo |
| 52200.000000 | KV 35000 | 613.005276 | -8.90180678 o/oo |
| 52300.000000 | KV 35000 | 612.257953 | -6.04466444 o/oo |
| 52400.000000 | KV 35000 | 611.796343 | -3.18752209 o/oo |
| 52500.000000 | KV 35000 | 611.620448 | -0.33037975 o/oo |
| 52511.563293 | Punto bajo | 611.618538 | 0.00000000 o/oo |
| 52600.000000 | KV 35000 | 611.730268 | 2.52676260 o/oo |
| 52700.000000 | KV 35000 | 612.125801 | 5.38390494 o/oo |
| 52800.000000 | KV 35000 | 612.807049 | 8.24104729 o/oo |
| 52900.000000 | KV 35000 | 613.774010 | 11.09818963 o/oo |
| 52931.563368 | tg. salida | 614.138539 | 12.00000000 o/oo |
| 53000.000000 | Rampa | 614.959778 | 12.00000000 o/oo |
| 53100.000000 | Rampa | 616.159778 | 12.00000000 o/oo |
| 53200.000000 | Rampa | 617.359778 | 12.00000000 o/oo |
| 53300.000000 | Rampa | 618.559778 | 12.00000000 o/oo |
| 53400.000000 | Rampa | 619.759778 | 12.00000000 o/oo |
| 53500.000000 | Rampa | 620.959778 | 12.00000000 o/oo |
| 53600.000000 | Rampa | 622.159778 | 12.00000000 o/oo |
| 53700.000000 | Rampa | 623.359778 | 12.00000000 o/oo |
| 53790.092549 | tg. entrada | 624.440889 | 12.00000000 o/oo |
| 53800.000000 | KV -35000 | 624.558376 | 11.71693000 o/oo |
| 53900.000000 | KV -35000 | 625.587212 | 8.85978728 o/oo |
| 54000.000000 | KV -35000 | 626.330333 | 6.00264457 o/oo |
| 54100.000000 | KV -35000 | 626.787741 | 3.14550186 o/oo |
| 54200.000000 | KV -35000 | 626.959434 | 0.28835915 o/oo |
| 54210.092571 | Punto alto | 626.960889 | 0.00000000 o/oo |
| 54300.000000 | KV -35000 | 626.845413 | -2.56878356 o/oo |
| 54400.000000 | KV -35000 | 626.445677 | -5.42592628 o/oo |
| 54500.000000 | KV -35000 | 625.760227 | -8.28306899 o/oo |
| 54600.000000 | KV -35000 | 624.789063 | -11.14021170 o/oo |
| 54630.092592 | tg. salida | 624.440889 | -12.00000000 o/oo |
| 54700.000000 | Pendiente | 623.602000 | -12.00000000 o/oo |
| 54800.000000 | Pendiente | 622.402000 | -12.00000000 o/oo |
| 54900.000000 | Pendiente | 621.202000 | -12.00000000 o/oo |
| 55000.000000 | Pendiente | 620.002000 | -12.00000000 o/oo |
| 55100.000000 | Pendiente | 618.802000 | -12.00000000 o/oo |
| 55200.000000 | Pendiente | 617.602000 | -12.00000000 o/oo |
| 55300.000000 | Pendiente | 616.402000 | -12.00000000 o/oo |
| 55400.000000 | Pendiente | 615.202000 | -12.00000000 o/oo |
| 55500.000000 | Pendiente | 614.002000 | -12.00000000 o/oo |
| 55600.000000 | Pendiente | 612.802000 | -12.00000000 o/oo |
| 55700.000000 | Pendiente | 611.602000 | -12.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 55800.000000 | Pendiente | 610.402000 | -12.00000000 o/oo |
| 55900.000000 | Pendiente | 609.202000 | -12.00000000 o/oo |
| 56000.000000 | Pendiente | 608.002000 | -12.00000000 o/oo |
| 56012.058622 | tg. entrada | 607.857297 | -12.00000000 o/oo |
| 56100.000000 | KV 35000 | 606.912481 | -9.48738824 o/oo |
| 56200.000000 | KV 35000 | 606.106600 | -6.63024430 o/oo |
| 56300.000000 | KV 35000 | 605.586432 | -3.77310035 o/oo |
| 56400.000000 | KV 35000 | 605.351980 | -0.91595641 o/oo |
| 56432.058462 | Punto bajo | 605.337297 | 0.00000000 o/oo |
| 56449.558455 | tg. salida | 605.341672 | 0.50000000 o/oo |
| 56500.000000 | Rampa | 605.366893 | 0.50000000 o/oo |
| 56600.000000 | Rampa | 605.416893 | 0.50000000 o/oo |
| 56700.000000 | Rampa | 605.466893 | 0.50000000 o/oo |
| 56800.000000 | Rampa | 605.516893 | 0.50000000 o/oo |
| 56900.000000 | Rampa | 605.566893 | 0.50000000 o/oo |
| 57000.000000 | Rampa | 605.616893 | 0.50000000 o/oo |
| 57100.000000 | Rampa | 605.666893 | 0.50000000 o/oo |
| 57200.000000 | Rampa | 605.716893 | 0.50000000 o/oo |
| 57300.000000 | Rampa | 605.766893 | 0.50000000 o/oo |
| 57400.000000 | Rampa | 605.816893 | 0.50000000 o/oo |
| 57445.830425 | tg. entrada | 605.839808 | 0.50000000 o/oo |
| 57462.008195 | Punto alto | 605.843853 | 0.00000000 o/oo |
| 57500.000000 | KV -32356 | 605.821548 | -1.17419790 o/oo |
| 57591.430349 | tg. salida | 605.585009 | -4.00000000 o/oo |
| 57600.000000 | Pendiente | 605.550730 | -4.00000000 o/oo |
| 57700.000000 | Pendiente | 605.150730 | -4.00000000 o/oo |
| 57800.000000 | Pendiente | 604.750730 | -4.00000000 o/oo |
| 57900.000000 | Pendiente | 604.350730 | -4.00000000 o/oo |
| 58000.000000 | Pendiente | 603.950730 | -4.00000000 o/oo |
| 58100.000000 | Pendiente | 603.550730 | -4.00000000 o/oo |
| 58200.000000 | Pendiente | 603.150730 | -4.00000000 o/oo |
| 58300.000000 | Pendiente | 602.750730 | -4.00000000 o/oo |
| 58400.000000 | Pendiente | 602.350730 | -4.00000000 o/oo |
| 58500.000000 | Pendiente | 601.950730 | -4.00000000 o/oo |
| 58600.000000 | Pendiente | 601.550730 | -4.00000000 o/oo |
| 58700.000000 | Pendiente | 601.150730 | -4.00000000 o/oo |
| 58800.000000 | Pendiente | 600.750730 | -4.00000000 o/oo |
| 58900.000000 | Pendiente | 600.350730 | -4.00000000 o/oo |
| 59000.000000 | Pendiente | 599.950730 | -4.00000000 o/oo |
| 59100.000000 | Pendiente | 599.550730 | -4.00000000 o/oo |
| 59200.000000 | Pendiente | 599.150730 | -4.00000000 o/oo |
| 59300.000000 | Pendiente | 598.750730 | -4.00000000 o/oo |
| 59400.000000 | Pendiente | 598.350730 | -4.00000000 o/oo |
| 59500.000000 | Pendiente | 597.950730 | -4.00000000 o/oo |
| 59600.000000 | Pendiente | 597.550730 | -4.00000000 o/oo |
| 59700.000000 | Pendiente | 597.150730 | -4.00000000 o/oo |
| 59800.000000 | Pendiente | 596.750730 | -4.00000000 o/oo |
| 59900.000000 | Pendiente | 596.350730 | -4.00000000 o/oo |
| 60000.000000 | Pendiente | 595.950730 | -4.00000000 o/oo |
| 60100.000000 | Pendiente | 595.550730 | -4.00000000 o/oo |
| 60200.000000 | Pendiente | 595.150730 | -4.00000000 o/oo |
| 60300.000000 | Pendiente | 594.750730 | -4.00000000 o/oo |
| 60324.112144 | tg. entrada | 594.654281 | -4.00000000 o/oo |
| 60400.000000 | KV 25000 | 594.465909 | -0.96448575 o/oo |
| 60424.112144 | Punto bajo | 594.454281 | 0.00000000 o/oo |
| 60474.112144 | tg. salida | 594.504281 | 2.00000000 o/oo |
| 60500.000000 | Rampa | 594.556057 | 2.00000000 o/oo |
| 60600.000000 | Rampa | 594.756057 | 2.00000000 o/oo |
| 60700.000000 | Rampa | 594.956057 | 2.00000000 o/oo |
| 60800.000000 | Rampa | 595.156057 | 2.00000000 o/oo |
| 60900.000000 | Rampa | 595.356057 | 2.00000000 o/oo |
| 61000.000000 | Rampa | 595.556057 | 2.00000000 o/oo |
| 61100.000000 | Rampa | 595.756057 | 2.00000000 o/oo |
| 61200.000000 | Rampa | 595.956057 | 2.00000000 o/oo |
| 61300.000000 | Rampa | 596.156057 | 2.00000000 o/oo |
| 61400.000000 | Rampa | 596.356057 | 2.00000000 o/oo |
| 61500.000000 | Rampa | 596.556057 | 2.00000000 o/oo |
| 61600.000000 | Rampa | 596.756057 | 2.00000000 o/oo |
| 61700.000000 | Rampa | 596.956057 | 2.00000000 o/oo |
| 61800.000000 | Rampa | 597.156057 | 2.00000000 o/oo |
| 61900.000000 | Rampa | 597.356057 | 2.00000000 o/oo |
| 62000.000000 | Rampa | 597.556057 | 2.00000000 o/oo |
| 62100.000000 | Rampa | 597.756057 | 2.00000000 o/oo |
| 62200.000000 | Rampa | 597.956057 | 2.00000000 o/oo |
| 62300.000000 | Rampa | 598.156057 | 2.00000000 o/oo |
| 62400.000000 | Rampa | 598.356057 | 2.00000000 o/oo |
| 62500.000000 | Rampa | 598.556057 | 2.00000000 o/oo |
| 62600.000000 | Rampa | 598.756057 | 2.00000000 o/oo |
| 62700.000000 | Rampa | 598.956057 | 2.00000000 o/oo |
| 62800.000000 | Rampa | 599.156057 | 2.00000000 o/oo |
| 62900.000000 | Rampa | 599.356057 | 2.00000000 o/oo |
| 62939.960359 | tg. entrada | 599.435978 | 2.00000000 o/oo |
| 63000.000000 | KV 12600 | 599.699103 | 6.76505087 o/oo |
| 63100.000000 | KV 12600 | 600.772434 | 14.70155881 o/oo |
| 63103.760359 | tg. salida | 600.828278 | 15.00000000 o/oo |
| 63200.000000 | Rampa | 602.271872 | 15.00000000 o/oo |
| 63300.000000 | Rampa | 603.771872 | 15.00000000 o/oo |
| 63400.000000 | Rampa | 605.271872 | 15.00000000 o/oo |
| 63500.000000 | Rampa | 606.771872 | 15.00000000 o/oo |
| 63600.000000 | Rampa | 608.271872 | 15.00000000 o/oo |
| 63700.000000 | Rampa | 609.771872 | 15.00000000 o/oo |
| 63769.846705 | tg. entrada | 610.819573 | 15.00000000 o/oo |
| 63800.000000 | KV -12600 | 611.235792 | 12.60688132 o/oo |
| 63900.000000 | KV -12600 | 612.099655 | 4.67037339 o/oo |
| 63958.846705 | Punto alto | 612.237073 | 0.00000000 o/oo |
| 64000.000000 | KV -12600 | 612.169867 | -3.26613455 o/oo |
| 64100.000000 | KV -12600 | 611.446428 | -11.20264249 o/oo |
| 64147.846705 | tg. salida | 610.819573 | -15.00000000 o/oo |
| 64200.000000 | Pendiente | 610.037274 | -15.00000000 o/oo |
| 64300.000000 | Pendiente | 608.537274 | -15.00000000 o/oo |
| 64400.000000 | Pendiente | 607.037274 | -15.00000000 o/oo |
| 64500.000000 | Pendiente | 605.537274 | -15.00000000 o/oo |
| 64600.000000 | Pendiente | 604.037274 | -15.00000000 o/oo |
| 64700.000000 | Pendiente | 602.537274 | -15.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 64800.000000 | Pendiente | 601.037274 | -15.00000000 o/oo |
| 64900.000000 | Pendiente | 599.537274 | -15.00000000 o/oo |
| 65000.000000 | Pendiente | 598.037274 | -15.00000000 o/oo |
| 65100.000000 | Pendiente | 596.537274 | -15.00000000 o/oo |
| 65200.000000 | Pendiente | 595.037274 | -15.00000000 o/oo |
| 65300.000000 | Pendiente | 593.537274 | -15.00000000 o/oo |
| 65400.000000 | Pendiente | 592.037274 | -15.00000000 o/oo |
| 65500.000000 | Pendiente | 590.537274 | -15.00000000 o/oo |
| 65600.000000 | Pendiente | 589.037274 | -15.00000000 o/oo |
| 65700.000000 | Pendiente | 587.537274 | -15.00000000 o/oo |
| 65800.000000 | Pendiente | 586.037274 | -15.00000000 o/oo |
| 65900.000000 | Pendiente | 584.537274 | -15.00000000 o/oo |
| 66000.000000 | Pendiente | 583.037274 | -15.00000000 o/oo |
| 66100.000000 | Pendiente | 581.537274 | -15.00000000 o/oo |
| 66200.000000 | Pendiente | 580.037274 | -15.00000000 o/oo |
| 66300.000000 | Pendiente | 578.537274 | -15.00000000 o/oo |
| 66400.000000 | Pendiente | 577.037274 | -15.00000000 o/oo |
| 66500.000000 | Pendiente | 575.537274 | -15.00000000 o/oo |
| 66600.000000 | Pendiente | 574.037274 | -15.00000000 o/oo |
| 66700.000000 | Pendiente | 572.537274 | -15.00000000 o/oo |
| 66800.000000 | Pendiente | 571.037274 | -15.00000000 o/oo |
| 66900.000000 | Pendiente | 569.537274 | -15.00000000 o/oo |
| 67000.000000 | Pendiente | 568.037274 | -15.00000000 o/oo |
| 67100.000000 | Pendiente | 566.537274 | -15.00000000 o/oo |
| 67200.000000 | Pendiente | 565.037274 | -15.00000000 o/oo |
| 67300.000000 | Pendiente | 563.537274 | -15.00000000 o/oo |
| 67355.714057 | tg. entrada | 562.701563 | -15.00000000 o/oo |
| 67400.000000 | KV 12600 | 562.115101 | -11.48524261 o/oo |
| 67500.000000 | KV 12600 | 561.363402 | -3.54873468 o/oo |
| 67506.914057 | tg. salida | 561.340763 | -3.00000000 o/oo |
| 67600.000000 | Pendiente | 561.061505 | -3.00000000 o/oo |
| 67700.000000 | Pendiente | 560.761505 | -3.00000000 o/oo |
| 67800.000000 | Pendiente | 560.461505 | -3.00000000 o/oo |
| 67900.000000 | Pendiente | 560.161505 | -3.00000000 o/oo |
| 67916.212546 | tg. entrada | 560.112867 | -3.00000000 o/oo |
| 67960.312546 | tg. salida | 559.903392 | -6.50000000 o/oo |
| 68000.000000 | Pendiente | 559.645424 | -6.50000000 o/oo |
| 68100.000000 | Pendiente | 558.995424 | -6.50000000 o/oo |
| 68200.000000 | Pendiente | 558.345424 | -6.50000000 o/oo |
| 68300.000000 | Pendiente | 557.695424 | -6.50000000 o/oo |
| 68400.000000 | Pendiente | 557.045424 | -6.50000000 o/oo |
| 68500.000000 | Pendiente | 556.395424 | -6.50000000 o/oo |
| 68600.000000 | Pendiente | 555.745424 | -6.50000000 o/oo |
| 68700.000000 | Pendiente | 555.095424 | -6.50000000 o/oo |
| 68800.000000 | Pendiente | 554.445424 | -6.50000000 o/oo |
| 68900.000000 | Pendiente | 553.795424 | -6.50000000 o/oo |
| 69000.000000 | Pendiente | 553.145424 | -6.50000000 o/oo |
| 69100.000000 | Pendiente | 552.495424 | -6.50000000 o/oo |
| 69200.000000 | Pendiente | 551.845424 | -6.50000000 o/oo |
| 69300.000000 | Pendiente | 551.195424 | -6.50000000 o/oo |
| 69400.000000 | Pendiente | 550.545424 | -6.50000000 o/oo |
| 69441.233695 | tg. entrada | 550.277405 | -6.50000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 69500.000000 | KV 87000 | 549.915271 | -5.82452523 o/oo |
| 69566.689000 | tg. salida | 549.552400 | -5.05798500 o/oo |
| 69600.000000 | Pendiente | 549.383913 | -5.05798500 o/oo |
| 69700.000000 | Pendiente | 548.878114 | -5.05798500 o/oo |
| 69800.000000 | Pendiente | 548.372316 | -5.05798500 o/oo |
| 69900.000000 | Pendiente | 547.866517 | -5.05798500 o/oo |
| 70000.000000 | Pendiente | 547.360719 | -5.05798500 o/oo |
| 70100.000000 | Pendiente | 546.854920 | -5.05798500 o/oo |
| 70200.000000 | Pendiente | 546.349122 | -5.05798500 o/oo |
| 70300.000000 | Pendiente | 545.843323 | -5.05798500 o/oo |
| 70400.000000 | Pendiente | 545.337525 | -5.05798500 o/oo |
| 70500.000000 | Pendiente | 544.831726 | -5.05798500 o/oo |
| 70600.000000 | Pendiente | 544.325928 | -5.05798500 o/oo |
| 70700.000000 | Pendiente | 543.820129 | -5.05798500 o/oo |
| 70800.000000 | Pendiente | 543.314331 | -5.05798500 o/oo |
| 70900.000000 | Pendiente | 542.808532 | -5.05798500 o/oo |
| 71000.000000 | Pendiente | 542.302734 | -5.05798500 o/oo |
| 71100.000000 | Pendiente | 541.796935 | -5.05798500 o/oo |
| 71200.000000 | Pendiente | 541.291137 | -5.05798500 o/oo |
| 71232.119222 | tg. entrada | 541.128678 | -5.05798500 o/oo |
| 71295.849833 | Punto bajo | 540.967504 | 0.00000000 o/oo |
| 71300.000000 | KV 12600 | 540.968188 | 0.32937834 o/oo |
| 71400.000000 | KV 12600 | 541.397951 | 8.26588627 o/oo |
| 71421.849833 | tg. salida | 541.597504 | 10.00000000 o/oo |
| 71500.000000 | Rampa | 542.379006 | 10.00000000 o/oo |
| 71600.000000 | Rampa | 543.379006 | 10.00000000 o/oo |
| 71633.391339 | tg. entrada | 543.712919 | 10.00000000 o/oo |
| 71700.000000 | KV -12600 | 544.202946 | 4.71359835 o/oo |
| 71759.391339 | Punto alto | 544.342919 | 0.00000000 o/oo |
| 71784.591339 | tg. salida | 544.317719 | -2.00000000 o/oo |
| 71800.000000 | Pendiente | 544.286902 | -2.00000000 o/oo |
| 71900.000000 | Pendiente | 544.086902 | -2.00000000 o/oo |
| 72000.000000 | Pendiente | 543.886902 | -2.00000000 o/oo |
| 72011.200165 | tg. entrada | 543.864502 | -2.00000000 o/oo |
| 72100.000000 | KV -12600 | 543.373989 | -9.04760599 o/oo |
| 72143.500165 | tg. salida | 542.905327 | -12.50000000 o/oo |
| 72200.000000 | Pendiente | 542.199079 | -12.50000000 o/oo |
| 72300.000000 | Pendiente | 540.949079 | -12.50000000 o/oo |
| 72400.000000 | Pendiente | 539.699079 | -12.50000000 o/oo |
| 72500.000000 | Pendiente | 538.449079 | -12.50000000 o/oo |
| 72600.000000 | Pendiente | 537.199079 | -12.50000000 o/oo |
| 72700.000000 | Pendiente | 535.949079 | -12.50000000 o/oo |
| 72800.000000 | Pendiente | 534.699079 | -12.50000000 o/oo |
| 72900.000000 | Pendiente | 533.449079 | -12.50000000 o/oo |
| 72948.717315 | tg. entrada | 532.840112 | -12.50000000 o/oo |
| 73000.000000 | KV 12600 | 532.303440 | -8.42994560 o/oo |
| 73081.017315 | tg. salida | 531.880937 | -2.00000000 o/oo |
| 73100.000000 | Pendiente | 531.842972 | -2.00000000 o/oo |
| 73200.000000 | Pendiente | 531.642972 | -2.00000000 o/oo |
| 73300.000000 | Pendiente | 531.442972 | -2.00000000 o/oo |
| 73400.000000 | Pendiente | 531.242972 | -2.00000000 o/oo |
| 73500.000000 | Pendiente | 531.042972 | -2.00000000 o/oo |

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 73600.000000 | Pendiente | 530.842972 | -2.00000000 o/oo |
| 73700.000000 | Pendiente | 530.642972 | -2.00000000 o/oo |
| 73800.000000 | Pendiente | 530.442972 | -2.00000000 o/oo |
| 73900.000000 | Pendiente | 530.242972 | -2.00000000 o/oo |
| 74000.000000 | Pendiente | 530.042972 | -2.00000000 o/oo |
| 74100.000000 | Pendiente | 529.842972 | -2.00000000 o/oo |
| 74200.000000 | Pendiente | 529.642972 | -2.00000000 o/oo |
| 74300.000000 | Pendiente | 529.442972 | -2.00000000 o/oo |
| 74400.000000 | Pendiente | 529.242972 | -2.00000000 o/oo |
| 74500.000000 | Pendiente | 529.042972 | -2.00000000 o/oo |
| 74600.000000 | Pendiente | 528.842972 | -2.00000000 o/oo |
| 74700.000000 | Pendiente | 528.642972 | -2.00000000 o/oo |
| 74765.214000 | Pendiente | 528.512544 | -2.00000000 o/oo |

## 3.3. REPOSICIONES

### Desvío Ferroviario 5+150

| P.K. | TIPO | COTA | PENDIENTE |
|---|---|---|---|
| 0.000000 | Pendiente | 480.416321 | -15.00000000 o/oo |
| 100.000000 | Pendiente | 478.916321 | -15.00000000 o/oo |
| 129.653929 | tg. entrada | 478.471512 | -15.00000000 o/oo |
| 200.000000 | KV 15000 | 477.581273 | -10.31026193 o/oo |
| 279.653929 | tg. salida | 476.971512 | -5.00000000 o/oo |
| 300.000000 | Pendiente | 476.869782 | -5.00000000 o/oo |
| 400.000000 | Pendiente | 476.369782 | -5.00000000 o/oo |
| 500.000000 | Pendiente | 475.869782 | -5.00000000 o/oo |
| 549.182410 | tg. entrada | 475.623870 | -5.00000000 o/oo |
| 600.000000 | KV -8000 | 475.208380 | -11.35219869 o/oo |
| 653.182410 | tg. salida | 474.427870 | -18.00000000 o/oo |
| 700.000000 | Pendiente | 473.585153 | -18.00000000 o/oo |
| 800.000000 | Pendiente | 471.785153 | -18.00000000 o/oo |
| 900.000000 | Pendiente | 469.985153 | -18.00000000 o/oo |
| 1000.000000 | Pendiente | 468.185153 | -18.00000000 o/oo |
| 1033.691910 | tg. entrada | 467.578699 | -18.00000000 o/oo |
| 1100.000000 | KV 25000 | 466.473088 | -15.34767641 o/oo |
| 1108.691910 | tg. salida | 466.341199 | -15.00000000 o/oo |
| 1112.921000 | Pendiente | 466.277762 | -15.00000000 o/oo |

# APÉNDICE 2

# LISTADOS DE MOVIMIENTO DE TIERRAS

## ÍNDICE

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## 2. LISTADOS DE MOVIMIENTO DE TIERRAS

### 2.1. ALTERNATIVA V

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 0 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 0 | 0 | **SUB** | 4.4 | 0 | 0 | **DES** | 0 | 0 | 0 | **TERR** | 31.584 | 0 | 0 | **SANEO** | 20.898 | 0 | 0 | **VEGETAL** | 8.639 | 0 | 0 |
| 126 | 100 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 1000 | **SUB** | 4.4 | 439.99 | 440 | **DES** | 0 | 0 | 0 | **TERR** | 37.375 | 3680.49 | 3680.5 | **SANEO** | 23.955 | 2280.13 | 2280.1 | **VEGETAL** | 9.029 | 898.85 | 898.8 |
| 126 | 200 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 2000 | **SUB** | 4.4 | 439.97 | 880 | **DES** | 0 | 0 | 0 | **TERR** | 13.05 | 2792.44 | 6472.9 | **SANEO** | 19.281 | 2234.56 | 4514.7 | **VEGETAL** | 7.553 | 842.3 | 1741.1 |
| 126 | 300 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 2999.9 | **SUB** | 4.4 | 440.01 | 1320 | **DES** | 5.529 | 33.96 | 34 | **TERR** | 0.262 | 1057.27 | 7530.2 | **SANEO** | 6.697 | 2012.36 | 6527 | **VEGETAL** | 10.401 | 829.61 | 2570.8 |
| 126 | 400 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 3999.9 | **SUB** | 4.401 | 439.99 | 1760 | **DES** | 28.951 | 1675.26 | 1709.2 | **TERR** | 0 | 1.31 | 7531.5 | **SANEO** | 0 | 33.48 | 6560.5 | **VEGETAL** | 11.805 | 1119.58 | 3690.3 |
| 126 | 500 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.99 | 4999.9 | **SUB** | 4.4 | 439.98 | 2199.9 | **DES** | 21.577 | 3845.83 | 5555.1 | **TERR** | 3.72 | 18.6 | 7550.1 | **SANEO** | 11.48 | 57.4 | 6617.9 | **VEGETAL** | 10.762 | 1200.62 | 4891 |
| 126 | 600 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000 | 5999.9 | **SUB** | 4.4 | 439.99 | 2639.9 | **DES** | 0 | 132.11 | 5687.2 | **TERR** | 99.773 | 6954.98 | 14505.1 | **SANEO** | 33.353 | 3004.31 | 9622.2 | **VEGETAL** | 12.274 | 1124.92 | 6015.9 |
| 126 | 700 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 6999.9 | **SUB** | 4.4 | 439.98 | 3079.9 | **DES** | 0 | 0 | 5687.2 | **TERR** | 70.095 | 8712.17 | 23217.3 | **SANEO** | 26.75 | 3090.47 | 12712.7 | **VEGETAL** | 10.98 | 1185.67 | 7201.5 |
| 126 | 800 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000 | 7999.9 | **SUB** | 4.4 | 439.97 | 3519.9 | **DES** | 61.462 | 2710.74 | 8397.9 | **TERR** | 0 | 2039.21 | 25256.5 | **SANEO** | 0 | 953.34 | 13666 | **VEGETAL** | 13.116 | 1160.71 | 8362.3 |
| 126 | 900 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 8999.9 | **SUB** | 4.4 | 440 | 3959.9 | **DES** | 51.879 | 9692.26 | 18090.2 | **TERR** | 0 | 0 | 25256.5 | **SANEO** | 0 | 0 | 13666 | **VEGETAL** | 12.892 | 1404.91 | 9767.2 |
| 126 | 1000 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 9999.8 | **SUB** | 4.4 | 439.98 | 4399.9 | **DES** | 0 | 321.15 | 18411.3 | **TERR** | 158.69 | 6873.03 | 32129.5 | **SANEO** | 43.754 | 218.77 | 13884.8 | **VEGETAL** | 14.984 | 1150.61 | 10917.8 |
| 126 | 1100 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.99 | 10999.8 | **SUB** | 4.4 | 439.97 | 4839.8 | **DES** | 0 | 0 | 18411.3 | **TERR** | 119.33 | 19514.4 | 51643.9 | **SANEO** | 38.326 | 4760.47 | 18645.3 | **VEGETAL** | 13.051 | 1640.83 | 12558.6 |
| 126 | 1200 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 11999.8 | **SUB** | 4.401 | 439.99 | 5279.8 | **DES** | 0 | 0 | 18411.3 | **TERR** | 110.73 | 13126 | 64769.8 | **SANEO** | 37.864 | 3963.67 | 22609 | **VEGETAL** | 13.029 | 1371.03 | 13929.6 |
| 126 | 1300 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000 | 12999.8 | **SUB** | 4.4 | 439.98 | 5719.8 | **DES** | 0 | 0 | 18411.3 | **TERR** | 74.57 | 9176.24 | 73946.1 | **SANEO** | 31.071 | 3446.85 | 26055.8 | **VEGETAL** | 11.225 | 1209.89 | 15139.5 |
| 126 | 1400 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.01 | 13999.8 | **SUB** | 4.4 | 439.97 | 6159.8 | **DES** | 0 | 0 | 18411.3 | **TERR** | 38.746 | 6691.13 | 80637.2 | **SANEO** | 27.832 | 3092.74 | 29148.5 | **VEGETAL** | 9.221 | 1078.25 | 16217.8 |
| 126 | 1500 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.97 | 14999.8 | **SUB** | 4.4 | 439.99 | 6599.8 | **DES** | 47.424 | 810.59 | 19221.9 | **TERR** | 0 | 2095.6 | 82732.8 | **SANEO** | 0 | 1571.9 | 30720.4 | **VEGETAL** | 12.593 | 928.64 | 17146.4 |
| 126 | 1600 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.99 | 15999.8 | **SUB** | 4.4 | 439.98 | 7039.7 | **DES** | 123.363 | 8918.91 | 28140.8 | **TERR** | 0 | 0 | 82732.8 | **SANEO** | 0 | 0 | 30720.4 | **VEGETAL** | 15.311 | 1413.75 | 18560.2 |
| 126 | 1700 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.99 | 16999.8 | **SUB** | 4.4 | 439.99 | 7479.7 | **DES** | 66.304 | 8546.85 | 36687.7 | **TERR** | 0 | 0 | 82732.8 | **SANEO** | 0 | 0 | 30720.4 | **VEGETAL** | 13.245 | 1390.45 | 19950.6 |
| 126 | 1800 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.99 | 17999.8 | **SUB** | 4.4 | 439.97 | 7919.7 | **DES** | 54.852 | 6143.27 | 42830.9 | **TERR** | 0 | 0 | 82732.8 | **SANEO** | 0 | 0 | 30720.4 | **VEGETAL** | 12.864 | 1312.35 | 21263 |
| 126 | 1900 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 18999.7 | **SUB** | 4.4 | 439.99 | 8359.7 | **DES** | 0.001 | 2995.34 | 45826.3 | **TERR** | 26.386 | 434.71 | 83167.5 | **SANEO** | 22.178 | 110.89 | 30831.3 | **VEGETAL** | 8.751 | 1142.99 | 22406 |
| 126 | 2000 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.99 | 19999.7 | **SUB** | 4.4 | 439.98 | 8799.7 | **DES** | 0 | 0.01 | 45826.3 | **TERR** | 132.19 | 9570.43 | 92738 | **SANEO** | 40.059 | 3386.4 | 34217.7 | **VEGETAL** | 13.995 | 1191.72 | 23597.7 |
| 126 | 2100 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.99 | 20999.7 | **SUB** | 4.4 | 439.98 | 9239.7 | **DES** | 0 | 0 | 45826.3 | **TERR** | 47.308 | 9798.85 | 102537 | **SANEO** | 27.265 | 3509.1 | 37726.8 | **VEGETAL** | 9.662 | 1235.5 | 24833.2 |
| 126 | 2200 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000 | 21999.7 | **SUB** | 4.4 | 440 | 9679.6 | **DES** | 4.069 | 150.25 | 45976.6 | **TERR** | 0.418 | 1818.48 | 104355 | **SANEO** | 6.713 | 1703.34 | 39430.2 | **VEGETAL** | 10.273 | 901.83 | 25735 |
| 126 | 2300 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.99 | 22999.7 | **SUB** | 4.4 | 439.97 | 10119.6 | **DES** | 0 | 92.87 | 46069.4 | **TERR** | 37.352 | 1528.33 | 105884 | **SANEO** | 26.08 | 163.96 | 39594.1 | **VEGETAL** | 9.033 | 898.56 | 26633.6 |
| 126 | 2400 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.99 | 23999.7 | **SUB** | 4.399 | 439.99 | 10559.6 | **DES** | 0 | 0 | 46069.4 | **TERR** | 69.558 | 5322.55 | 111206 | **SANEO** | 31.751 | 2825.67 | 42419.8 | **VEGETAL** | 10.956 | 999.48 | 27633.1 |
| 126 | 2500 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.03 | 24999.7 | **SUB** | 4.4 | 439.97 | 10999.6 | **DES** | 0 | 0 | 46069.4 | **TERR** | 73.532 | 6636.3 | 117843 | **SANEO** | 28.016 | 2844.48 | 45264.3 | **VEGETAL** | 11.191 | 1077.73 | 28710.8 |
| 126 | 2600 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 25999.7 | **SUB** | 4.4 | 439.95 | 11439.5 | **DES** | 0 | 0 | 46069.4 | **TERR** | 63.68 | 6516.54 | 124359 | **SANEO** | 27.611 | 2820.06 | 48084.3 | **VEGETAL** | 10.624 | 1075.86 | 29786.7 |
| 126 | 2700 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.02 | 26999.7 | **SUB** | 4.4 | 439.94 | 11879.5 | **DES** | 0 | 0 | 46069.4 | **TERR** | 33.188 | 5196.47 | 129556 | **SANEO** | 23.294 | 2702.55 | 50786.9 | **VEGETAL** | 8.681 | 989.82 | 30776.5 |
| 126 | 2800 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.01 | 27999.7 | **SUB** | 4.399 | 439.97 | 12319.4 | **DES** | 85.86 | 2129.2 | 48198.6 | **TERR** | 0 | 927.27 | 130483 | **SANEO** | 0 | 1005.13 | 51792 | **VEGETAL** | 15.183 | 1087.99 | 31864.5 |
| 126 | 2900 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 28999.7 | **SUB** | 4.399 | 439.95 | 12759.4 | **DES** | 935.848 | 44576.1 | 92774.7 | **TERR** | 0 | 0 | 130483 | **SANEO** | 0 | 0 | 51792 | **VEGETAL** | 30.681 | 2377.06 | 34241.5 |
| 126 | 3000 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.03 | 29999.8 | **SUB** | 4.4 | 439.97 | 13199.4 | **DES** | 1479.95 | 129250 | 222025 | **TERR** | 0 | 0 | 130483 | **SANEO** | 0 | 0 | 51792 | **VEGETAL** | 38.654 | 3641.51 | 37883 |
| 126 | 3100 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 30999.7 | **SUB** | 4.4 | 439.95 | 13639.3 | **DES** | 477.93 | 111724 | 333748 | **TERR** | 0 | 0 | 130483 | **SANEO** | 0 | 0 | 51792 | **VEGETAL** | 27.901 | 3341.61 | 41224.6 |
| 126 | 3200 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.02 | 31999.8 | **SUB** | 4.4 | 439.94 | 14079.3 | **DES** | 1.703 | 12454.2 | 346203 | **TERR** | 9.801 | 146.07 | 130629 | **SANEO** | 17.046 | 85.23 | 51877.2 | **VEGETAL** | 9.001 | 1540.27 | 42764.9 |
| 126 | 3300 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.01 | 32999.8 | **SUB** | 4.399 | 439.97 | 14519.2 | **DES** | 0 | 10.07 | 346213 | **TERR** | 21.332 | 1845.53 | 132474 | **SANEO** | 22.181 | 2159.95 | 54037.2 | **VEGETAL** | 7.924 | 801.46 | 43566.4 |
| 126 | 3400 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 33999.7 | **SUB** | 4.399 | 439.95 | 14959.2 | **DES** | 0.393 | 26.76 | 346239 | **TERR** | 8.182 | 1379.01 | 133853 | **SANEO** | 19.871 | 2080.58 | 56117.8 | **VEGETAL** | 8.799 | 835.56 | 44401.9 |
| 126 | 3500 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.03 | 34999.8 | **SUB** | 4.4 | 439.97 | 15399.2 | **DES** | 78.945 | 3351.51 | 349591 | **TERR** | 0 | 84.55 | 133938 | **SANEO** | 0 | 99.35 | 56217.1 | **VEGETAL** | 13.727 | 1176.43 | 45578.4 |
| 126 | 3600 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 999.98 | 35999.8 | **SUB** | 4.4 | 439.95 | 15839.1 | **DES** | 201.261 | 15280.1 | 364871 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 17.677 | 1621.71 | 47200.1 |
| 126 | 3700 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.02 | 36999.8 | **SUB** | 4.4 | 439.94 | 16279 | **DES** | 356.206 | 29336 | 394207 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 21.776 | 2026.01 | 49226.1 |
| 126 | 3800 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.01 | 37999.8 | **SUB** | 4.399 | 439.97 | 16719 | **DES** | 542.236 | 44534.2 | 438741 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 25.448 | 2378.55 | 51604.6 |
| 126 | 3900 | **EXC-TUN** | 143 | 9991.9 | 9991.9 | **CF** | 0 | 295.98 | 38295.8 | **SUB** | 0 | 110.17 | 16829.2 | **DES** | 0 | 17978.8 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 822.16 | 52426.8 |
| 126 | 4000 | **EXC-TUN** | 143 | 14274 | 24266.1 | **CF** | 0 | 0 | 38295.8 | **SUB** | 0 | 0 | 16829.2 | **DES** | 0 | 0 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 0 | 52426.8 |
| 126 | 4100 | **EXC-TUN** | 143 | 14274 | 38540.3 | **CF** | 0 | 0 | 38295.8 | **SUB** | 0 | 0 | 16829.2 | **DES** | 0 | 0 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 0 | 52426.8 |
| 126 | 4200 | **EXC-TUN** | 143 | 14274 | 52814.5 | **CF** | 0 | 0 | 38295.8 | **SUB** | 0 | 0 | 16829.2 | **DES** | 0 | 0 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 0 | 52426.8 |
| 126 | 4300 | **EXC-TUN** | 143 | 14274 | 67088.7 | **CF** | 0 | 0 | 38295.8 | **SUB** | 0 | 0 | 16829.2 | **DES** | 0 | 0 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 0 | 52426.8 |
| 126 | 4400 | **EXC-TUN** | 143 | 14274 | 81362.9 | **CF** | 0 | 0 | 38295.8 | **SUB** | 0 | 0 | 16829.2 | **DES** | 0 | 0 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 0 | 52426.8 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 4500 | **EXC-TUN** | 143 | 14274 | 95637.1 | **CF** | 0 | 0 | 38295.8 | **SUB** | 0 | 0 | 16829.2 | **DES** | 0 | 0 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 0 | 52426.8 |
| 126 | 4600 | **EXC-TUN** | 143 | 14274 | 109911.3 | **CF** | 0 | 0 | 38295.8 | **SUB** | 0 | 0 | 16829.2 | **DES** | 0 | 0 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 0 | 52426.8 |
| 126 | 4700 | **EXC-TUN** | 143 | 14274 | 124185.5 | **CF** | 0 | 0 | 38295.8 | **SUB** | 0 | 0 | 16829.2 | **DES** | 0 | 0 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 0 | 52426.8 |
| 126 | 4800 | **EXC-TUN** | 143 | 14274 | 138459.7 | **CF** | 0 | 0 | 38295.8 | **SUB** | 0 | 0 | 16829.2 | **DES** | 0 | 0 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 0 | 52426.8 |
| 126 | 4900 | **EXC-TUN** | 143 | 14274 | 152733.9 | **CF** | 0 | 0 | 38295.8 | **SUB** | 0 | 0 | 16829.2 | **DES** | 0 | 0 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 0 | 52426.8 |
| 126 | 5000 | **EXC-TUN** | 143 | 14274 | 167008 | **CF** | 0 | 0 | 38295.8 | **SUB** | 0 | 0 | 16829.2 | **DES** | 0 | 0 | 456720 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 0 | 0 | 52426.8 |
| 126 | 5100 | **EXC-TUN** | 0 | 8564.5 | 175572.6 | **CF** | 10 | 395.98 | 38691.7 | **SUB** | 4.4 | 154.17 | 16983.4 | **DES** | 459 | 22919.6 | 479640 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 24.316 | 1055.01 | 53481.8 |
| 126 | 5200 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 1000.02 | 39691.8 | **SUB** | 4.4 | 439.94 | 17423.3 | **DES** | 22.108 | 21869.2 | 501509 | **TERR** | 0 | 0 | 133938 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 11.51 | 1809.34 | 55291.1 |
| 126 | 5300 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 1000.01 | 40691.8 | **SUB** | 4.399 | 439.97 | 17863.3 | **DES** | 0.05 | 410.23 | 501919 | **TERR** | 12.78 | 545.35 | 134483 | **SANEO** | 0 | 0 | 56217.1 | **VEGETAL** | 8.309 | 965.32 | 56256.4 |
| 126 | 5400 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 999.98 | 41691.8 | **SUB** | 4.399 | 439.95 | 18303.2 | **DES** | 0 | 1.21 | 501920 | **TERR** | 21.913 | 1712.25 | 136196 | **SANEO** | 22.491 | 112.46 | 56329.6 | **VEGETAL** | 7.972 | 800.34 | 57056.8 |
| 126 | 5500 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 1000.04 | 42691.8 | **SUB** | 4.4 | 439.95 | 18743.2 | **DES** | 5.666 | 49.55 | 501970 | **TERR** | 0.125 | 1530.52 | 137726 | **SANEO** | 3.811 | 2063.18 | 58392.8 | **VEGETAL** | 10.625 | 893.71 | 57950.5 |
| 126 | 5600 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 999.99 | 43691.8 | **SUB** | 4.4 | 439.95 | 19183.1 | **DES** | 111.873 | 5257.98 | 507228 | **TERR** | 0 | 0.62 | 137727 | **SANEO** | 0 | 19.05 | 58411.8 | **VEGETAL** | 14.906 | 1270.05 | 59220.6 |
| 126 | 5700 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 1000.01 | 44691.8 | **SUB** | 4.4 | 439.95 | 19623.1 | **DES** | 473.443 | 26184.2 | 533412 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 24.153 | 1913.96 | 61134.5 |
| 126 | 5800 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 1000.02 | 45691.8 | **SUB** | 4.399 | 439.96 | 20063 | **DES** | 1183.55 | 74944.5 | 608356 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 36.148 | 2946.75 | 64081.3 |
| 126 | 5900 | **EXC-TUN** | 143 | 12847 | 188419.3 | **CF** | 0 | 95.99 | 45787.8 | **SUB** | 0 | 22.18 | 20085.2 | **DES** | 0 | 11905.7 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 361.2 | 64442.5 |
| 126 | 6000 | **EXC-TUN** | 143 | 14274 | 202693.5 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 6100 | **EXC-TUN** | 143 | 14274 | 216967.7 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 6200 | **EXC-TUN** | 143 | 14274 | 231241.9 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 6300 | **EXC-TUN** | 143 | 14274 | 245516.1 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 6400 | **EXC-TUN** | 143 | 14274 | 259790.3 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 6500 | **EXC-TUN** | 143 | 14274 | 274064.5 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 6600 | **EXC-TUN** | 143 | 14274 | 288338.7 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 6700 | **EXC-TUN** | 143 | 14274 | 302612.8 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 6800 | **EXC-TUN** | 143 | 14274 | 316886.9 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 6900 | **EXC-TUN** | 143 | 14274 | 331160.9 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 7000 | **EXC-TUN** | 143 | 14274 | 345434.8 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 7100 | **EXC-TUN** | 143 | 14274 | 359708.6 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 7200 | **EXC-TUN** | 143 | 14274 | 373982.4 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 7300 | **EXC-TUN** | 143 | 14274 | 388256.2 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 7400 | **EXC-TUN** | 143 | 14274 | 402530.1 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 7500 | **EXC-TUN** | 143 | 14274 | 416803.9 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 7600 | **EXC-TUN** | 143 | 14274 | 431077.7 | **CF** | 0 | 0 | 45787.8 | **SUB** | 0 | 0 | 20085.2 | **DES** | 0 | 0 | 620262 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 64442.5 |
| 126 | 7700 | **EXC-TUN** | 0 | 4282.2 | 435359.8 | **CF** | 6.49 | 445.5 | 46233.3 | **SUB** | 4.4 | 286.16 | 20371.4 | **DES** | 154.659 | 33173.5 | 653436 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 10.514 | 1073.67 | 65516.1 |
| 126 | 7800 | **EXC-TUN** | 0 | 0 | 435359.8 | **CF** | 6.49 | 648.88 | 46882.2 | **SUB** | 4.4 | 439.96 | 20811.3 | **DES** | 278.416 | 31978.3 | 685414 | **TERR** | 0 | 0 | 137727 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 10.849 | 1173.49 | 66689.6 |
| 126 | 7900 | **EXC-TUN** | 0 | 0 | 435359.8 | **CF** | 0 | 718.29 | 47600.5 | **SUB** | 0 | 385.05 | 21196.4 | **DES** | 0 | 5182.3 | 690596 | **TERR** | 0 | 5735.43 | 143462 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 982.42 | 67672 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 8000 | **EXC-TUN** | 0 | 0 | 435359.8 | **CF** | 0 | 0 | 47600.5 | **SUB** | 0 | 0 | 21196.4 | **DES** | 0 | 0 | 690596 | **TERR** | 0 | 0 | 143462 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 67672 |
| 126 | 8100 | **EXC-TUN** | 0 | 0 | 435359.8 | **CF** | 0 | 0 | 47600.5 | **SUB** | 0 | 0 | 21196.4 | **DES** | 0 | 0 | 690596 | **TERR** | 0 | 0 | 143462 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 67672 |
| 126 | 8200 | **EXC-TUN** | 0 | 0 | 435359.8 | **CF** | 5.94 | 342.84 | 47943.3 | **SUB** | 0 | 0 | 21196.4 | **DES** | 339.043 | 4450.76 | 695047 | **TERR** | 0 | 875.91 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 11.171 | 388.78 | 68060.8 |
| 126 | 8300 | **EXC-TUN** | 0 | 0 | 435359.8 | **CF** | 6.37 | 635.22 | 48578.5 | **SUB** | 4.4 | 417.96 | 21614.4 | **DES** | 917.021 | 73157.2 | 768204 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 17.535 | 1576.32 | 69637.2 |
| 126 | 8400 | **EXC-TUN** | 143 | 7850.6 | 443210.4 | **CF** | 0 | 285.2 | 48863.7 | **SUB** | 0 | 187.07 | 21801.4 | **DES** | 0 | 40998 | 809202 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 789.21 | 70426.4 |
| 126 | 8500 | **EXC-TUN** | 143 | 14274 | 457484.3 | **CF** | 0 | 0 | 48863.7 | **SUB** | 0 | 0 | 21801.4 | **DES** | 0 | 0 | 809202 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 70426.4 |
| 126 | 8600 | **EXC-TUN** | 143 | 14274 | 471758.1 | **CF** | 0 | 0 | 48863.7 | **SUB** | 0 | 0 | 21801.4 | **DES** | 0 | 0 | 809202 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 70426.4 |
| 126 | 8700 | **EXC-TUN** | 143 | 14274 | 486031.9 | **CF** | 0 | 0 | 48863.7 | **SUB** | 0 | 0 | 21801.4 | **DES** | 0 | 0 | 809202 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 0 | 0 | 70426.4 |
| 126 | 8800 | **EXC-TUN** | 0 | 4995.8 | 491027.7 | **CF** | 6.37 | 412.56 | 49276.3 | **SUB** | 4.4 | 275.08 | 22076.5 | **DES** | 483.378 | 42804.2 | 852006 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 16.836 | 1239.8 | 71666.2 |
| 126 | 8900 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 6.37 | 636.78 | 49913.1 | **SUB** | 4.4 | 439.97 | 22516.5 | **DES** | 982.365 | 62994.6 | 915001 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 22.453 | 1805.38 | 73471.5 |
| 126 | 9000 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 6.37 | 636.75 | 50549.8 | **SUB** | 4.4 | 439.99 | 22956.5 | **DES** | 1855.39 | 141845 | 1056846 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 30.393 | 2692.15 | 76163.7 |
| 126 | 9100 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 6.37 | 636.76 | 51186.6 | **SUB** | 4.4 | 439.96 | 23396.4 | **DES** | 1784.1 | 192162 | 1249008 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 29.796 | 3125.31 | 79289 |
| 126 | 9200 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 6.37 | 636.76 | 51823.3 | **SUB** | 4.399 | 439.95 | 23836.4 | **DES** | 1458.51 | 156315 | 1405323 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 30.47 | 2977.49 | 82266.5 |
| 126 | 9300 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 6.37 | 636.77 | 52460.1 | **SUB** | 4.4 | 439.99 | 24276.4 | **DES** | 1153.27 | 137660 | 1542983 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 26.091 | 2891.2 | 85157.7 |
| 126 | 9400 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 6.37 | 636.79 | 53096.9 | **SUB** | 4.401 | 439.97 | 24716.4 | **DES** | 1047.74 | 98174.5 | 1641158 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 25.052 | 2427.43 | 87585.1 |
| 126 | 9500 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 6.37 | 636.78 | 53733.7 | **SUB** | 4.4 | 439.98 | 25156.3 | **DES** | 731.638 | 93688.1 | 1734846 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 21.362 | 2549.12 | 90134.3 |
| 126 | 9600 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 6.37 | 636.77 | 54370.4 | **SUB** | 4.4 | 439.97 | 25596.3 | **DES** | 123 | 42077.6 | 1776923 | **TERR** | 0 | 0 | 144338 | **SANEO** | 0 | 0 | 58411.8 | **VEGETAL** | 22.661 | 2505.33 | 92639.6 |
| 126 | 9700 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 8.4 | 877.3 | 55247.7 | **SUB** | 0 | 428.99 | 26025.3 | **DES** | 0 | 2382.57 | 1779306 | **TERR** | 117.93 | 7124.5 | 151463 | **SANEO** | 27.967 | 4013.74 | 62425.6 | **VEGETAL** | 8.413 | 1935.12 | 94574.7 |
| 126 | 9700 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 0 | 0 | 55247.7 | **SUB** | 0 | 0 | 26025.3 | **DES** | 0 | 0 | 1779306 | **TERR** | 0 | 0 | 151463 | **SANEO** | 0 | 0 | 62425.6 | **VEGETAL** | 0 | 0 | 94574.7 |
| 126 | 9800 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 0 | 0 | 55247.7 | **SUB** | 0 | 0 | 26025.3 | **DES** | 0 | 0 | 1779306 | **TERR** | 0 | 0 | 151463 | **SANEO** | 0 | 0 | 62425.6 | **VEGETAL** | 0 | 0 | 94574.7 |
| 126 | 9900 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 0 | 0 | 55247.7 | **SUB** | 0 | 0 | 26025.3 | **DES** | 0 | 0 | 1779306 | **TERR** | 0 | 0 | 151463 | **SANEO** | 0 | 0 | 62425.6 | **VEGETAL** | 0 | 0 | 94574.7 |
| 126 | 10000 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 0 | 0 | 55247.7 | **SUB** | 0 | 0 | 26025.3 | **DES** | 0 | 0 | 1779306 | **TERR** | 0 | 0 | 151463 | **SANEO** | 0 | 0 | 62425.6 | **VEGETAL** | 0 | 0 | 94574.7 |
| 126 | 10100 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 0 | 0 | 55247.7 | **SUB** | 0 | 0 | 26025.3 | **DES** | 0 | 0 | 1779306 | **TERR** | 0 | 0 | 151463 | **SANEO** | 0 | 0 | 62425.6 | **VEGETAL** | 0 | 0 | 94574.7 |
| 126 | 10200 | **EXC-TUN** | 0 | 0 | 491027.7 | **CF** | 9.14 | 488.56 | 55736.3 | **SUB** | 4.401 | 209.07 | 26234.4 | **DES** | 27.387 | 136.94 | 1779443 | **TERR** | 7.452 | 5108.62 | 156571 | **SANEO** | 27.039 | 2598.67 | 65024.2 | **VEGETAL** | 23.476 | 889.27 | 95464 |
| 126 | 10300 | **EXC-TUN** | 143 | 1427.4 | 492455.2 | **CF** | 0 | 584.31 | 56320.6 | **SUB** | 0 | 374.17 | 26608.5 | **DES** | 0 | 34870.6 | 1814313 | **TERR** | 0 | 37.26 | 156608 | **SANEO** | 0 | 135.2 | 65159.4 | **VEGETAL** | 0 | 2826.97 | 98290.9 |
| 126 | 10400 | **EXC-TUN** | 143 | 14274 | 506729.4 | **CF** | 0 | 0 | 56320.6 | **SUB** | 0 | 0 | 26608.5 | **DES** | 0 | 0 | 1814313 | **TERR** | 0 | 0 | 156608 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 0 | 0 | 98290.9 |
| 126 | 10500 | **EXC-TUN** | 143 | 14274 | 521003.6 | **CF** | 0 | 0 | 56320.6 | **SUB** | 0 | 0 | 26608.5 | **DES** | 0 | 0 | 1814313 | **TERR** | 0 | 0 | 156608 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 0 | 0 | 98290.9 |
| 126 | 10600 | **EXC-TUN** | 143 | 14274 | 535277.8 | **CF** | 0 | 0 | 56320.6 | **SUB** | 0 | 0 | 26608.5 | **DES** | 0 | 0 | 1814313 | **TERR** | 0 | 0 | 156608 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 0 | 0 | 98290.9 |
| 126 | 10700 | **EXC-TUN** | 0 | 5709.7 | 540987.4 | **CF** | 6.37 | 379.41 | 56700 | **SUB** | 4.401 | 242.18 | 26850.7 | **DES** | 196.479 | 31540.5 | 1845854 | **TERR** | 0 | 0 | 156608 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 21.566 | 2002.59 | 100294 |
| 126 | 10800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.43 | 384.5 | 57084.5 | **SUB** | 4.4 | 198.17 | 27048.9 | **DES** | 115.875 | 3621.55 | 1849475 | **TERR** | 0 | 1063.69 | 157672 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.268 | 680.42 | 100974 |
| 126 | 10900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.87 | 645.01 | 57729.5 | **SUB** | 4.4 | 439.98 | 27488.9 | **DES** | 39.125 | 31079.9 | 1880555 | **TERR** | 0.208 | 1.04 | 157673 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.698 | 1296.24 | 102270 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 11000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 956.12 | 58685.6 | **SUB** | 4.399 | 439.99 | 27928.9 | **DES** | 0 | 550.31 | 1881106 | **TERR** | 305.73 | 13785.2 | 171458 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 15.971 | 1139.05 | 103409 |
| 126 | 11100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000 | 59685.7 | **SUB** | 4.4 | 439.97 | 28368.8 | **DES** | 0 | 0 | 1881106 | **TERR** | 86.158 | 15589.5 | 187048 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 9.257 | 1149.38 | 104559 |
| 126 | 11200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 60685.6 | **SUB** | 4.4 | 439.98 | 28808.8 | **DES** | 0 | 0 | 1881106 | **TERR** | 170.23 | 11926 | 198974 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 12.196 | 1049.04 | 105608 |
| 126 | 11300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 61685.6 | **SUB** | 4.4 | 439.99 | 29248.8 | **DES** | 0 | 0 | 1881106 | **TERR** | 102.13 | 15689.7 | 214664 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.084 | 1187.49 | 106795 |
| 126 | 11400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 9.99 | 998.64 | 62684.3 | **SUB** | 4.4 | 439.97 | 29688.8 | **DES** | 0 | 0 | 1881106 | **TERR** | 35.068 | 5030.19 | 219694 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.074 | 785.16 | 107580 |
| 126 | 11500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 9.57 | 934.88 | 63619.1 | **SUB** | 4.399 | 439.99 | 30128.8 | **DES** | 1.832 | 309.83 | 1881415 | **TERR** | 17.358 | 1700.43 | 221394 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.615 | 771.47 | 108352 |
| 126 | 11600 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 974.43 | 64593.6 | **SUB** | 4.4 | 439.98 | 30568.7 | **DES** | 0 | 100.31 | 1881516 | **TERR** | 67.996 | 4264.99 | 225659 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.334 | 841.44 | 109193 |
| 126 | 11700 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.98 | 65593.6 | **SUB** | 4.4 | 439.96 | 31008.7 | **DES** | 0 | 0 | 1881516 | **TERR** | 144.49 | 10446.6 | 236106 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 11.173 | 986.32 | 110180 |
| 126 | 11800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.97 | 66593.5 | **SUB** | 4.4 | 439.97 | 31448.7 | **DES** | 0 | 0 | 1881516 | **TERR** | 139.41 | 15562 | 251668 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.986 | 1141.12 | 111321 |
| 126 | 11900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.96 | 67593.5 | **SUB** | 4.4 | 439.97 | 31888.6 | **DES** | 0 | 0 | 1881516 | **TERR** | 169 | 14913.6 | 266581 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 11.683 | 1122.16 | 112443 |
| 126 | 12000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.97 | 68593.5 | **SUB** | 4.399 | 439.96 | 32328.6 | **DES** | 0 | 0 | 1881516 | **TERR** | 148.02 | 16483.5 | 283065 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 11.194 | 1176.29 | 113619 |
| 126 | 12100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.97 | 69593.4 | **SUB** | 4.4 | 439.97 | 32768.6 | **DES** | 0 | 0 | 1881516 | **TERR** | 88.365 | 11617.4 | 294682 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 9.104 | 1010.99 | 114630 |
| 126 | 12200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.97 | 70593.4 | **SUB** | 4.4 | 439.96 | 33208.5 | **DES** | 0 | 0 | 1881516 | **TERR** | 68.667 | 8025.07 | 302707 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.194 | 859.73 | 115490 |
| 126 | 12300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 9.6 | 997.26 | 71590.7 | **SUB** | 4.4 | 439.97 | 33648.5 | **DES** | 1.81 | 10.25 | 1881526 | **TERR** | 16.182 | 4235.73 | 306943 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.455 | 725.6 | 116215 |
| 126 | 12400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 9.97 | 958.06 | 72548.7 | **SUB** | 4.4 | 439.97 | 34088.5 | **DES** | 0 | 274.73 | 1881801 | **TERR** | 18.587 | 1666.35 | 308609 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 5.995 | 763.62 | 116979 |
| 126 | 12500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.75 | 73548.5 | **SUB** | 4.399 | 439.96 | 34528.4 | **DES** | 0 | 0 | 1881801 | **TERR** | 41.508 | 2790.52 | 311400 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.176 | 649.05 | 117628 |
| 126 | 12600 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.97 | 74548.4 | **SUB** | 4.4 | 439.97 | 34968.4 | **DES** | 0 | 0 | 1881801 | **TERR** | 39.536 | 3874.31 | 315274 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.067 | 703.16 | 118331 |
| 126 | 12700 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.97 | 75548.4 | **SUB** | 4.4 | 439.96 | 35408.3 | **DES** | 0 | 0 | 1881801 | **TERR** | 132.34 | 5818.61 | 321093 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 9.525 | 779.24 | 119111 |
| 126 | 12800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 7.21 | 983.61 | 76532 | **SUB** | 4.4 | 439.97 | 35848.3 | **DES** | 3.319 | 17.86 | 1881819 | **TERR** | 0 | 5923.84 | 327017 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.379 | 785.6 | 119896 |
| 126 | 12900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 652.47 | 77184.5 | **SUB** | 4.4 | 439.97 | 36288.3 | **DES** | 188.506 | 8819.98 | 1890638 | **TERR** | 0 | 0 | 327017 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.961 | 935.19 | 120831 |
| 126 | 13000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 77833.3 | **SUB** | 4.4 | 439.95 | 36728.2 | **DES** | 233.968 | 21588.2 | 1912227 | **TERR** | 0 | 0 | 327017 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 23.105 | 2261.59 | 123093 |
| 126 | 13100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 78482.2 | **SUB** | 4.4 | 439.99 | 37168.2 | **DES** | 249.063 | 24162.5 | 1936389 | **TERR** | 0 | 0 | 327017 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 23.494 | 2330.36 | 125423 |
| 126 | 13200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 79131.1 | **SUB** | 4.4 | 439.97 | 37608.2 | **DES** | 314.105 | 26592.9 | 1962982 | **TERR** | 0 | 0 | 327017 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 25.139 | 2400.46 | 127824 |
| 126 | 13300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 79779.9 | **SUB** | 4.4 | 439.98 | 38048.2 | **DES** | 170.886 | 24968.5 | 1987951 | **TERR** | 0 | 0 | 327017 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 21.394 | 2352.24 | 130176 |
| 126 | 13400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.43 | 647.35 | 80427.3 | **SUB** | 4.4 | 439.96 | 38488.1 | **DES** | 332.887 | 18559.5 | 2006510 | **TERR** | 0 | 0 | 327017 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 28.998 | 2281.15 | 132457 |
| 126 | 13500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.43 | 642.82 | 81070.1 | **SUB** | 4.4 | 439.98 | 38928.1 | **DES** | 530.078 | 43996.9 | 2050507 | **TERR** | 0 | 0 | 327017 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 32.142 | 3096.65 | 135554 |
| 126 | 13600 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.43 | 642.82 | 81712.9 | **SUB** | 4.4 | 439.99 | 39368.1 | **DES** | 545.727 | 54673.3 | 2105180 | **TERR** | 0 | 0 | 327017 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 32.457 | 3271.08 | 138825 |
| 126 | 13700 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 643.13 | 82356 | **SUB** | 4.4 | 439.99 | 39808.1 | **DES** | 292.11 | 45927.2 | 2151107 | **TERR** | 0 | 0 | 327017 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 24.494 | 3018.4 | 141843 |
| 126 | 13800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 83004.9 | **SUB** | 4.399 | 439.99 | 40248.1 | **DES** | 54.48 | 16709.1 | 2167817 | **TERR** | 0 | 0 | 327017 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 17.707 | 2104.43 | 143948 |
| 126 | 13900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.92 | 696.51 | 83701.4 | **SUB** | 4.4 | 439.98 | 40688.1 | **DES** | 7.638 | 1612.35 | 2169429 | **TERR** | 0.002 | 132.84 | 327150 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 14.861 | 1557.49 | 145505 |
| 126 | 14000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 929.92 | 84631.3 | **SUB** | 4.4 | 439.98 | 41128 | **DES** | 0 | 251.1 | 2169680 | **TERR** | 41.198 | 1974.07 | 329124 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.154 | 673.49 | 146179 |
| 126 | 14100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.98 | 85631.3 | **SUB** | 4.4 | 439.98 | 41568 | **DES** | 0 | 0 | 2169680 | **TERR** | 199.53 | 12323.2 | 341447 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 12.683 | 1030.92 | 147210 |
| 126 | 14200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 576.01 | 86207.3 | **SUB** | 4.4 | 220.37 | 41788.4 | **DES** | 0 | 0 | 2169680 | **TERR** | 240.26 | 12518.3 | 353965 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 13.6 | 650.79 | 147860 |
| 126 | 14300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 826.01 | 87033.3 | **SUB** | 4.4 | 439.98 | 42228.4 | **DES** | 53.892 | 2313.61 | 2171994 | **TERR** | 0 | 5693.52 | 359659 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.899 | 950.7 | 148811 |
| 126 | 14400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.84 | 87682.2 | **SUB** | 4.4 | 439.98 | 42668.4 | **DES** | 35.898 | 4789.92 | 2176784 | **TERR** | 0 | 0 | 359659 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.403 | 876.91 | 149688 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 14500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 865.77 | 88547.9 | **SUB** | 4.4 | 439.98 | 43108.4 | **DES** | 0 | 930.25 | 2177714 | **TERR** | 56.93 | 1970.22 | 361629 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.998 | 733.16 | 150421 |
| 126 | 14600 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 7.77 | 940.18 | 89488.1 | **SUB** | 4.4 | 439.98 | 43548.3 | **DES** | 24.171 | 614.71 | 2178329 | **TERR** | 3.495 | 3934.13 | 365563 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.17 | 832.92 | 151254 |
| 126 | 14700 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 662.64 | 90150.8 | **SUB** | 4.4 | 439.98 | 43988.3 | **DES** | 16.208 | 2811.11 | 2181140 | **TERR** | 0 | 20.37 | 365583 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.649 | 794.36 | 152048 |
| 126 | 14800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.84 | 90799.6 | **SUB** | 4.4 | 439.98 | 44428.3 | **DES** | 37.835 | 2484.31 | 2183624 | **TERR** | 0 | 0 | 365583 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.584 | 815.89 | 152864 |
| 126 | 14900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 772.35 | 91571.9 | **SUB** | 4.4 | 439.98 | 44868.3 | **DES** | 0 | 751.51 | 2184375 | **TERR** | 95.385 | 2548.39 | 368132 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 9.389 | 807.26 | 153672 |
| 126 | 15000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 461.97 | 92033.9 | **SUB** | 4.4 | 189.36 | 45057.7 | **DES** | 0 | 0 | 2184375 | **TERR** | 122.81 | 4789.94 | 372922 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.429 | 386.53 | 154058 |
| 126 | 15100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.98 | 93033.9 | **SUB** | 4.4 | 439.98 | 45497.6 | **DES** | 0 | 0 | 2184375 | **TERR** | 61.57 | 7818.11 | 380740 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.264 | 882.53 | 154941 |
| 126 | 15200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.98 | 94033.9 | **SUB** | 4.4 | 439.98 | 45937.6 | **DES** | 0 | 0 | 2184375 | **TERR** | 143.84 | 7843.74 | 388584 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 11.056 | 882.16 | 155823 |
| 126 | 15300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000.01 | 95033.9 | **SUB** | 4.4 | 439.96 | 46377.6 | **DES** | 0 | 0 | 2184375 | **TERR** | 262.72 | 22751.5 | 411335 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 14.364 | 1321.17 | 157144 |
| 126 | 15400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 96033.9 | **SUB** | 4.4 | 439.98 | 46817.6 | **DES** | 0 | 0 | 2184375 | **TERR** | 173 | 22781.8 | 434117 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 11.933 | 1344.35 | 158488 |
| 126 | 15500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.97 | 97033.9 | **SUB** | 4.401 | 439.99 | 47257.6 | **DES** | 0 | 0 | 2184375 | **TERR** | 299.97 | 24185.2 | 458302 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 14.681 | 1350.73 | 159839 |
| 126 | 15600 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 98033.8 | **SUB** | 4.4 | 439.98 | 47697.5 | **DES** | 0 | 0 | 2184375 | **TERR** | 139.89 | 19497.1 | 477799 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.427 | 1231.17 | 161070 |
| 126 | 15700 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.97 | 99033.8 | **SUB** | 4.399 | 440.01 | 48137.6 | **DES** | 0 | 0 | 2184375 | **TERR** | 32.071 | 7105.81 | 484905 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 6.692 | 839.14 | 161909 |
| 126 | 15800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 9.64 | 994.46 | 100028 | **SUB** | 4.4 | 439.98 | 48577.5 | **DES** | 0.428 | 7.23 | 2184383 | **TERR** | 6.477 | 1727.49 | 486633 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 6.545 | 628.52 | 162538 |
| 126 | 15900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 993.27 | 101022 | **SUB** | 4.4 | 439.97 | 49017.5 | **DES** | 0 | 6.96 | 2184390 | **TERR** | 28.85 | 1473.25 | 488106 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 6.522 | 618.95 | 163157 |
| 126 | 16000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000 | 102022 | **SUB** | 4.4 | 439.97 | 49457.5 | **DES** | 0 | 0 | 2184390 | **TERR** | 59.394 | 7020.88 | 495127 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.958 | 837.76 | 163995 |
| 126 | 16100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 103022 | **SUB** | 4.399 | 439.98 | 49897.4 | **DES** | 0 | 0 | 2184390 | **TERR** | 31.531 | 4663.84 | 499790 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 6.651 | 737.59 | 164732 |
| 126 | 16200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 947.31 | 103969 | **SUB** | 4.4 | 439.98 | 50337.4 | **DES** | 33.003 | 447.87 | 2184838 | **TERR** | 0 | 2071.6 | 501862 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.376 | 657.82 | 165390 |
| 126 | 16300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.87 | 104618 | **SUB** | 4.4 | 439.95 | 50777.4 | **DES** | 44.471 | 3790.04 | 2188628 | **TERR** | 0 | 0 | 501862 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.789 | 855.99 | 166246 |
| 126 | 16400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.87 | 105267 | **SUB** | 4.4 | 439.97 | 51217.4 | **DES** | 147.717 | 7747.25 | 2196375 | **TERR** | 0 | 0 | 501862 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.373 | 926.88 | 167173 |
| 126 | 16500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.85 | 105915 | **SUB** | 4.399 | 439.98 | 51657.3 | **DES** | 287.705 | 23792.6 | 2220167 | **TERR** | 0 | 0 | 501862 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 12.292 | 1153.23 | 168326 |
| 126 | 16600 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 106564 | **SUB** | 4.4 | 439.96 | 52097.3 | **DES** | 250.866 | 28606.4 | 2248774 | **TERR** | 0 | 0 | 501862 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 11.827 | 1231.12 | 169557 |
| 126 | 16700 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 107213 | **SUB** | 4.4 | 439.98 | 52537.3 | **DES** | 36.867 | 15126.3 | 2263900 | **TERR** | 0 | 0 | 501862 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.543 | 1045.54 | 170603 |
| 126 | 16800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 908.58 | 108122 | **SUB** | 4.4 | 439.95 | 52977.2 | **DES** | 0 | 569.44 | 2264469 | **TERR** | 27.711 | 1215.27 | 503077 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 6.51 | 690.07 | 171293 |
| 126 | 16900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 891.12 | 109013 | **SUB** | 4.399 | 439.97 | 53417.2 | **DES** | 17.338 | 317.24 | 2264787 | **TERR** | 0 | 849.57 | 503927 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.045 | 663.34 | 171956 |
| 126 | 17000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 109662 | **SUB** | 4.4 | 439.98 | 53857.2 | **DES** | 103.726 | 5726.44 | 2270513 | **TERR** | 0 | 0 | 503927 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 9.677 | 891.21 | 172847 |
| 126 | 17100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.87 | 110311 | **SUB** | 4.4 | 439.98 | 54297.1 | **DES** | 169.249 | 13529.6 | 2284043 | **TERR** | 0 | 0 | 503927 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.707 | 1019.36 | 173867 |
| 126 | 17200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 110960 | **SUB** | 4.4 | 439.99 | 54737.1 | **DES** | 215.696 | 19208.7 | 2303251 | **TERR** | 0 | 0 | 503927 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 11.365 | 1105.9 | 174973 |
| 126 | 17300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 111608 | **SUB** | 4.4 | 439.98 | 55177.1 | **DES** | 182.577 | 21229.2 | 2324481 | **TERR** | 0 | 0 | 503927 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.91 | 1132.27 | 176105 |
| 126 | 17400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.66 | 649.71 | 112258 | **SUB** | 4.4 | 439.98 | 55617.1 | **DES** | 5.282 | 12362.5 | 2336843 | **TERR** | 0 | 0 | 503927 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.764 | 994.6 | 177100 |
| 126 | 17500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 975.74 | 113234 | **SUB** | 4.4 | 439.98 | 56057.1 | **DES** | 0 | 33.35 | 2336877 | **TERR** | 49.4 | 2350.92 | 506278 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.538 | 659.81 | 177759 |
| 126 | 17600 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 114234 | **SUB** | 4.4 | 439.97 | 56497 | **DES** | 0 | 0 | 2336877 | **TERR** | 131.62 | 9603.65 | 515881 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.698 | 940.87 | 178700 |
| 126 | 17700 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 115234 | **SUB** | 4.4 | 439.98 | 56937 | **DES** | 0 | 0 | 2336877 | **TERR** | 42.468 | 8793.18 | 524675 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.215 | 909.38 | 179610 |
| 126 | 17800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000.02 | 116234 | **SUB** | 4.4 | 439.95 | 57377 | **DES** | 0 | 0 | 2336877 | **TERR** | 129.74 | 7876.45 | 532551 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.462 | 869.9 | 180479 |
| 126 | 17900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 117234 | **SUB** | 4.4 | 439.97 | 57817 | **DES** | 0 | 0 | 2336877 | **TERR** | 136.97 | 13826.7 | 546378 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.842 | 1087.54 | 181567 |
| 126 | 18000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000 | 118234 | **SUB** | 4.4 | 439.99 | 58256.9 | **DES** | 0 | 0 | 2336877 | **TERR** | 202.42 | 16433.9 | 562812 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 12.65 | 1164.72 | 182732 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 18100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.98 | 119234 | **SUB** | 4.399 | 439.96 | 58696.9 | **DES** | 0 | 0 | 2336877 | **TERR** | 50.839 | 12522.7 | 575334 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.576 | 1032.92 | 183765 |
| 126 | 18200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 868.55 | 120102 | **SUB** | 4.4 | 439.98 | 59136.9 | **DES** | 59.185 | 1045.26 | 2337922 | **TERR** | 0 | 1471.53 | 576806 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.954 | 712.08 | 184477 |
| 126 | 18300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 120751 | **SUB** | 4.4 | 439.98 | 59576.9 | **DES** | 207.407 | 14960.2 | 2352882 | **TERR** | 0 | 0 | 576806 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 11.222 | 1036.54 | 185513 |
| 126 | 18400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 121400 | **SUB** | 4.4 | 439.97 | 60016.8 | **DES** | 199.492 | 24711.7 | 2377594 | **TERR** | 0 | 0 | 576806 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 11.077 | 1172.61 | 186686 |
| 126 | 18500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.85 | 122049 | **SUB** | 4.399 | 439.98 | 60456.8 | **DES** | 274.196 | 19387.4 | 2396981 | **TERR** | 0 | 0 | 576806 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 12.103 | 1106.41 | 187792 |
| 126 | 18600 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.84 | 122698 | **SUB** | 4.4 | 439.99 | 60896.8 | **DES** | 259.143 | 31297.8 | 2428279 | **TERR** | 0 | 0 | 576806 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 11.902 | 1262.68 | 189055 |
| 126 | 18700 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 791.69 | 123489 | **SUB** | 4.4 | 439.97 | 61336.8 | **DES** | 0 | 8024.92 | 2436304 | **TERR** | 68.35 | 1932.02 | 578738 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.38 | 902.95 | 189958 |
| 126 | 18800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 9.99 | 845.56 | 124335 | **SUB** | 4.4 | 439.98 | 61776.7 | **DES** | 0 | 868.07 | 2437172 | **TERR** | 11.51 | 1136.31 | 579874 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 5.531 | 713.68 | 190672 |
| 126 | 18900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 716.08 | 125051 | **SUB** | 4.4 | 439.97 | 62216.7 | **DES** | 118.83 | 4415.42 | 2441587 | **TERR** | 0 | 104.6 | 579979 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 9.943 | 826.36 | 191498 |
| 126 | 19000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 9.05 | 687.57 | 125739 | **SUB** | 4.399 | 439.98 | 62656.7 | **DES** | 3.113 | 7099.54 | 2448687 | **TERR** | 3.275 | 33.03 | 580012 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 6.826 | 889.71 | 192388 |
| 126 | 19100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 734.69 | 126473 | **SUB** | 4.4 | 439.99 | 63096.7 | **DES** | 38.769 | 2323.64 | 2451011 | **TERR** | 0 | 108.26 | 580120 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.609 | 780.47 | 193168 |
| 126 | 19200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 864.68 | 127338 | **SUB** | 4.4 | 439.97 | 63536.7 | **DES** | 0 | 973.4 | 2451984 | **TERR** | 38.689 | 1434.71 | 581555 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.012 | 721.4 | 193890 |
| 126 | 19300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 128338 | **SUB** | 4.4 | 439.98 | 63976.6 | **DES** | 0 | 0 | 2451984 | **TERR** | 51.131 | 5153.04 | 586708 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.63 | 762.16 | 194652 |
| 126 | 19400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000.01 | 129338 | **SUB** | 4.4 | 439.97 | 64416.6 | **DES** | 0 | 0 | 2451984 | **TERR** | 118.64 | 7087.8 | 593796 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.166 | 845.46 | 195497 |
| 126 | 19500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 130338 | **SUB** | 4.399 | 439.98 | 64856.6 | **DES** | 0 | 0 | 2451984 | **TERR** | 152.03 | 14799.5 | 608595 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 11.306 | 1114.32 | 196611 |
| 126 | 19600 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000.02 | 131338 | **SUB** | 4.4 | 439.99 | 65296.6 | **DES** | 0 | 0 | 2451984 | **TERR** | 72.967 | 11178.8 | 619774 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.534 | 997.12 | 197609 |
| 126 | 19700 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.98 | 132338 | **SUB** | 4.4 | 439.97 | 65736.5 | **DES** | 0 | 0 | 2451984 | **TERR** | 52.312 | 5993.11 | 625767 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.664 | 798.8 | 198407 |
| 126 | 19800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 133338 | **SUB** | 4.4 | 439.98 | 66176.5 | **DES** | 0 | 0 | 2451984 | **TERR** | 51.672 | 5509.35 | 631276 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 7.644 | 776.7 | 199184 |
| 126 | 19900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000.01 | 134338 | **SUB** | 4.4 | 439.97 | 66616.5 | **DES** | 0 | 0 | 2451984 | **TERR** | 63.839 | 4814.62 | 636091 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 8.154 | 746.54 | 199931 |
| 126 | 20000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 135338 | **SUB** | 4.399 | 439.98 | 67056.5 | **DES** | 0 | 0 | 2451984 | **TERR** | 109.5 | 9441.47 | 645533 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 9.897 | 917.31 | 200848 |
| 126 | 20100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 777.91 | 136116 | **SUB** | 4.4 | 439.99 | 67496.4 | **DES** | 128.378 | 4799.07 | 2456783 | **TERR** | 0 | 1685.24 | 647218 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 10.081 | 848.63 | 201697 |
| 126 | 20200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 136765 | **SUB** | 4.4 | 439.97 | 67936.4 | **DES** | 256.689 | 22463 | 2479246 | **TERR** | 0 | 0 | 647218 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 23.629 | 2262.25 | 203959 |
| 126 | 20300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.83 | 137414 | **SUB** | 4.4 | 439.98 | 68376.4 | **DES** | 248.551 | 24752.3 | 2503998 | **TERR** | 0 | 0 | 647218 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 23.485 | 2338.79 | 206298 |
| 126 | 20400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.86 | 138062 | **SUB** | 4.4 | 439.97 | 68816.4 | **DES** | 275.735 | 25104.8 | 2529103 | **TERR** | 0 | 0 | 647218 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 24.21 | 2352.96 | 208651 |
| 126 | 20500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 648.85 | 138711 | **SUB** | 4.399 | 439.98 | 69256.3 | **DES** | 207.243 | 25426.4 | 2554530 | **TERR** | 0 | 0 | 647218 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 22.44 | 2366.69 | 211017 |
| 126 | 20500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 6.49 | 0 | 138711 | **SUB** | 4.399 | 0 | 69256.3 | **DES** | 243.627 | 0 | 2554530 | **TERR** | 0 | 0 | 647218 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 28.18 | 0 | 211017 |
| 126 | 20600 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000 | 139711 | **SUB** | 4.4 | 439.99 | 69696.3 | **DES** | 173.944 | 19922.8 | 2574452 | **TERR** | 0 | 0 | 647218 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 25.918 | 2676.88 | 213694 |
| 126 | 20700 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.98 | 140711 | **SUB** | 4.4 | 439.97 | 70136.3 | **DES** | 191.22 | 18339.4 | 2592792 | **TERR** | 0 | 0 | 647218 | **SANEO** | 0 | 0 | 65159.4 | **VEGETAL** | 26.492 | 2600.85 | 216295 |
| 126 | 20800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 141711 | **SUB** | 4.4 | 439.98 | 70576.3 | **DES** | 0 | 11244.2 | 2604036 | **TERR** | 42.692 | 532.3 | 647750 | **SANEO** | 40.474 | 202.37 | 65361.8 | **VEGETAL** | 13.472 | 2145.5 | 218440 |
| 126 | 20900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000.02 | 142711 | **SUB** | 4.4 | 439.97 | 71016.2 | **DES** | 0 | 0 | 2604036 | **TERR** | 236.43 | 23830.9 | 671581 | **SANEO** | 87.016 | 8241.15 | 73602.9 | **VEGETAL** | 18.006 | 1733.39 | 220174 |
| 126 | 21000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000.01 | 143711 | **SUB** | 4.4 | 439.98 | 71456.2 | **DES** | 294.9 | 5754.39 | 2609790 | **TERR** | 0 | 6954.7 | 678536 | **SANEO** | 0 | 3500.39 | 77103.3 | **VEGETAL** | 20.168 | 1402.37 | 221576 |
| 126 | 21100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000 | 144711 | **SUB** | 4.4 | 439.98 | 71896.2 | **DES** | 523.233 | 41090.8 | 2650881 | **TERR** | 0 | 0 | 678536 | **SANEO** | 0 | 0 | 77103.3 | **VEGETAL** | 38.157 | 3448.74 | 225025 |
| 126 | 21200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000 | 145711 | **SUB** | 4.401 | 439.98 | 72336.2 | **DES** | 894.379 | 72072.9 | 2722954 | **TERR** | 0 | 0 | 678536 | **SANEO** | 0 | 0 | 77103.3 | **VEGETAL** | 47.41 | 4303.29 | 229328 |
| 126 | 21300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.98 | 146711 | **SUB** | 4.4 | 439.99 | 72776.2 | **DES** | 1470.16 | 115209 | 2838163 | **TERR** | 0 | 0 | 678536 | **SANEO** | 0 | 0 | 77103.3 | **VEGETAL** | 59.298 | 5295.88 | 234624 |
| 126 | 21400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000 | 147711 | **SUB** | 4.401 | 439.98 | 73216.2 | **DES** | 1841.18 | 171518 | 3009681 | **TERR** | 0 | 0 | 678536 | **SANEO** | 0 | 0 | 77103.3 | **VEGETAL** | 66.982 | 6375.53 | 241000 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 21500 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 148711 | **SUB** | 4.399 | 439.98 | 73656.1 | **DES** | 1897.18 | 210703 | 3220384 | **TERR** | 0 | 0 | 678536 | **SANEO** | 0 | 0 | 77103.3 | **VEGETAL** | 68.695 | 7184.64 | 248184 |
| 126 | 21600 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 149711 | **SUB** | 4.4 | 439.98 | 74096.1 | **DES** | 436.079 | 119064 | 3339448 | **TERR** | 0 | 0 | 678536 | **SANEO** | 0 | 0 | 77103.3 | **VEGETAL** | 38.741 | 5817.72 | 254002 |
| 126 | 21700 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 999.99 | 150711 | **SUB** | 4.4 | 439.99 | 74536.1 | **DES** | 85.823 | 20659 | 3360107 | **TERR** | 0 | 0 | 678536 | **SANEO** | 0 | 0 | 77103.3 | **VEGETAL** | 21.698 | 2751.72 | 256754 |
| 126 | 21800 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000 | 151711 | **SUB** | 4.4 | 439.98 | 74976.1 | **DES** | 0 | 1577.52 | 3361685 | **TERR** | 69.308 | 1936.66 | 680472 | **SANEO** | 52.088 | 260.44 | 77363.8 | **VEGETAL** | 16.472 | 1626.89 | 258381 |
| 126 | 21900 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000.01 | 152711 | **SUB** | 4.4 | 439.99 | 75416.1 | **DES** | 0 | 0 | 3361685 | **TERR** | 203.03 | 13856.5 | 694329 | **SANEO** | 83.45 | 7059.95 | 84423.7 | **VEGETAL** | 17.219 | 1463.7 | 259844 |
| 126 | 22000 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 9.6 | 996.01 | 153707 | **SUB** | 4.4 | 439.98 | 75856.1 | **DES** | 0 | 0 | 3361685 | **TERR** | 232.52 | 27905.7 | 722235 | **SANEO** | 62.128 | 9093.2 | 93516.9 | **VEGETAL** | 12.678 | 1871.44 | 261716 |
| 126 | 22100 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 672.03 | 154379 | **SUB** | 4.4 | 264.37 | 76120.4 | **DES** | 0 | 0 | 3361685 | **TERR** | 233.15 | 15844.7 | 738079 | **SANEO** | 86.468 | 4944.4 | 98461.3 | **VEGETAL** | 18.018 | 1020.48 | 262736 |
| 126 | 22200 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000 | 155379 | **SUB** | 4.4 | 439.98 | 76560.4 | **DES** | 0 | 0 | 3361685 | **TERR** | 122.01 | 17898.8 | 755978 | **SANEO** | 65.213 | 7646.13 | 106107 | **VEGETAL** | 13.582 | 1587.46 | 264324 |
| 126 | 22300 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 10 | 1000.07 | 156379 | **SUB** | 4.4 | 439.98 | 77000.4 | **DES** | 0.011 | 0.06 | 3361685 | **TERR** | 13.326 | 7663.66 | 763642 | **SANEO** | 36.327 | 5350.59 | 111458 | **VEGETAL** | 8.095 | 1125.71 | 265449 |
| 126 | 22400 | **EXC-TUN** | 0 | 0 | 540987.4 | **CF** | 0 | 666.45 | 157046 | **SUB** | 4.4 | 439.98 | 77440.4 | **DES** | 577.079 | 27314 | 3388999 | **TERR** | 0 | 66.63 | 763708 | **SANEO** | 0 | 181.63 | 111640 | **VEGETAL** | 25.732 | 1866.06 | 267316 |
| 126 | 22500 | **EXC-TUN** | 143 | 12846 | 553833.2 | **CF** | 0 | 0 | 157046 | **SUB** | 0 | 22.02 | 77462.4 | **DES** | 0 | 5896.02 | 3394895 | **TERR** | 0 | 0 | 763708 | **SANEO** | 0 | 0 | 111640 | **VEGETAL** | 0 | 388.74 | 267704 |
| 126 | 22600 | **EXC-TUN** | 143 | 14273 | 568106.3 | **CF** | 0 | 0 | 157046 | **SUB** | 0 | 0 | 77462.4 | **DES** | 0 | 0 | 3394895 | **TERR** | 0 | 0 | 763708 | **SANEO** | 0 | 0 | 111640 | **VEGETAL** | 0 | 0 | 267704 |
| 126 | 22700 | **EXC-TUN** | 143 | 14273 | 582379.6 | **CF** | 0 | 0 | 157046 | **SUB** | 0 | 0 | 77462.4 | **DES** | 0 | 0 | 3394895 | **TERR** | 0 | 0 | 763708 | **SANEO** | 0 | 0 | 111640 | **VEGETAL** | 0 | 0 | 267704 |
| 126 | 22800 | **EXC-TUN** | 0 | 4282.1 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 285.98 | 77748.4 | **DES** | 302.719 | 31704.1 | 3426599 | **TERR** | 0 | 0 | 763708 | **SANEO** | 0 | 0 | 111640 | **VEGETAL** | 30.269 | 2464.17 | 270168 |
| 126 | 22900 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 439.98 | 78188.4 | **DES** | 0 | 10089 | 3436688 | **TERR** | 37.912 | 581.81 | 764290 | **SANEO** | 38.971 | 194.85 | 111835 | **VEGETAL** | 12.53 | 1993.79 | 272162 |
| 126 | 23000 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 440 | 78628.3 | **DES** | 0 | 0 | 3436688 | **TERR** | 194.43 | 15381.5 | 779672 | **SANEO** | 80.657 | 6975.91 | 118810 | **VEGETAL** | 17.075 | 1451.95 | 273614 |
| 126 | 23100 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 439.98 | 79068.3 | **DES** | 0 | 0 | 3436688 | **TERR** | 58.476 | 12929.3 | 792601 | **SANEO** | 41.809 | 5968.81 | 124779 | **VEGETAL** | 9.731 | 1302.82 | 274917 |
| 126 | 23200 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 439.98 | 79508.3 | **DES** | 41.478 | 726.62 | 3437414 | **TERR** | 0 | 1772.62 | 794374 | **SANEO** | 0 | 2409.11 | 127188 | **VEGETAL** | 11.459 | 878.36 | 275795 |
| 126 | 23300 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 439.98 | 79948.3 | **DES** | 164.311 | 10678.2 | 3448093 | **TERR** | 0 | 0 | 794374 | **SANEO** | 0 | 0 | 127188 | **VEGETAL** | 24.757 | 2149.25 | 277945 |
| 126 | 23400 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 439.99 | 80388.3 | **DES** | 368.245 | 32144.2 | 3480237 | **TERR** | 0 | 0 | 794374 | **SANEO** | 0 | 0 | 127188 | **VEGETAL** | 31.973 | 3031.45 | 280976 |
| 126 | 23500 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 439.99 | 80828.3 | **DES** | 501.799 | 36527.4 | 3516764 | **TERR** | 0 | 0 | 794374 | **SANEO** | 0 | 0 | 127188 | **VEGETAL** | 38.513 | 3266.27 | 284242 |
| 126 | 23600 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 439.98 | 81268.3 | **DES** | 0 | 22047.2 | 3538811 | **TERR** | 328.1 | 12734 | 807108 | **SANEO** | 98.766 | 493.83 | 127682 | **VEGETAL** | 30.342 | 3459.49 | 287702 |
| 126 | 23700 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 440 | 81708.3 | **DES** | 6.144 | 30.72 | 3538842 | **TERR** | 19.454 | 14856.9 | 821964 | **SANEO** | 33.356 | 6811.6 | 134494 | **VEGETAL** | 16.108 | 1462.28 | 289164 |
| 126 | 23800 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.401 | 440 | 82148.3 | **DES** | 538.023 | 56899.9 | 3595742 | **TERR** | 0 | 109.76 | 822074 | **SANEO** | 0 | 260.78 | 134755 | **VEGETAL** | 26.509 | 2851.94 | 292016 |
| 126 | 23900 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 440.01 | 82588.3 | **DES** | 0 | 6541.85 | 3602284 | **TERR** | 386.68 | 16692.5 | 838767 | **SANEO** | 105.142 | 525.71 | 135280 | **VEGETAL** | 32.594 | 2524.73 | 294541 |
| 126 | 24000 | **EXC-TUN** | 0 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 4.4 | 440.01 | 83028.3 | **DES** | 732.593 | 15929.5 | 3618213 | **TERR** | 0 | 6925.5 | 845692 | **SANEO** | 0 | 2889.04 | 138169 | **VEGETAL** | 42.782 | 1845.17 | 296386 |
| 126 | 24000 | **EXC-TUN** | 143 | 0 | 586661.6 | **CF** | 0 | 0 | 157046 | **SUB** | 2.499 | 0 | 83028.3 | **DES** | 0 | 0 | 3618213 | **TERR** | 0 | 0 | 845692 | **SANEO** | 0 | 0 | 138169 | **VEGETAL** | 0 | 0 | 296386 |
| 126 | 24100 | **EXC-TUN** | 143 | 14273 | 600934.7 | **CF** | 0 | 0 | 157046 | **SUB** | 2.499 | 249.93 | 83278.2 | **DES** | 0 | 0 | 3618213 | **TERR** | 0 | 0 | 845692 | **SANEO** | 0 | 0 | 138169 | **VEGETAL** | 0 | 0 | 296386 |
| 126 | 24200 | **EXC-TUN** | 143 | 14273 | 615207.7 | **CF** | 0 | 0 | 157046 | **SUB** | 2.499 | 249.93 | 83528.1 | **DES** | 0 | 0 | 3618213 | **TERR** | 0 | 0 | 845692 | **SANEO** | 0 | 0 | 138169 | **VEGETAL** | 0 | 0 | 296386 |
| 126 | 24300 | **EXC-TUN** | 0 | 7136.5 | 622344.2 | **CF** | 6.49 | 324.41 | 157370 | **SUB** | 4.401 | 344.96 | 83873.1 | **DES** | 404.713 | 31462.3 | 3649676 | **TERR** | 0 | 0 | 845692 | **SANEO** | 0 | 0 | 138169 | **VEGETAL** | 39.166 | 2297.84 | 298684 |
| 126 | 24400 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 10 | 920.83 | 158291 | **SUB** | 4.4 | 440.01 | 84313.1 | **DES** | 0 | 3955.11 | 3653631 | **TERR** | 195.33 | 10585.2 | 856277 | **SANEO** | 74.096 | 5173.28 | 143343 | **VEGETAL** | 15.458 | 2000.3 | 300684 |
| 126 | 24500 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 861.69 | 159153 | **SUB** | 4.4 | 440.01 | 84753.1 | **DES** | 247.305 | 4182.66 | 3657813 | **TERR** | 0 | 16825.6 | 873103 | **SANEO** | 0 | 5633.62 | 148976 | **VEGETAL** | 18.762 | 1731.33 | 302415 |
| 126 | 24600 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 648.88 | 159802 | **SUB** | 4.4 | 439.99 | 85193.1 | **DES** | 1245.28 | 78076.2 | 3735889 | **TERR** | 0 | 0 | 873103 | **SANEO** | 0 | 0 | 148976 | **VEGETAL** | 57.908 | 4580.22 | 306996 |
| 126 | 24700 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 648.85 | 160451 | **SUB** | 4.4 | 440 | 85633.1 | **DES** | 682.5 | 90732.1 | 3826622 | **TERR** | 0 | 0 | 873103 | **SANEO** | 0 | 0 | 148976 | **VEGETAL** | 45.609 | 4899.22 | 311895 |
| 126 | 24800 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 648.86 | 161099 | **SUB** | 4.4 | 439.98 | 86073.1 | **DES** | 435.471 | 61954.7 | 3888576 | **TERR** | 0 | 0 | 873103 | **SANEO** | 0 | 0 | 148976 | **VEGETAL** | 37.954 | 4361.6 | 316256 |
| 126 | 24900 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 648.87 | 161748 | **SUB** | 4.4 | 439.97 | 86513.1 | **DES** | 493.04 | 44496.8 | 3933073 | **TERR** | 0 | 0 | 873103 | **SANEO** | 0 | 0 | 148976 | **VEGETAL** | 42.331 | 3812.35 | 320069 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 25000 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 648.9 | 162397 | **SUB** | 4.399 | 439.98 | 86953 | **DES** | 805.594 | 77611.5 | 4010685 | **TERR** | 0 | 0 | 873103 | **SANEO** | 0 | 0 | 148976 | **VEGETAL** | 42.265 | 4626.78 | 324696 |
| 126 | 25100 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 10 | 737.06 | 163134 | **SUB** | 4.399 | 439.97 | 87393 | **DES** | 0 | 25729.5 | 4036414 | **TERR** | 92.228 | 1372.72 | 874476 | **SANEO** | 55.201 | 276.01 | 149252 | **VEGETAL** | 17.547 | 2546.98 | 327243 |
| 126 | 25200 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 10 | 999.99 | 164134 | **SUB** | 4.399 | 439.98 | 87833 | **DES** | 0 | 0 | 4036414 | **TERR** | 146.75 | 19559 | 894035 | **SANEO** | 68.507 | 7705.58 | 156958 | **VEGETAL** | 14.595 | 1624.22 | 328867 |
| 126 | 25300 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 10 | 999.99 | 165134 | **SUB** | 4.399 | 439.97 | 88273 | **DES** | 0 | 0 | 4036414 | **TERR** | 170.84 | 15991.4 | 910026 | **SANEO** | 73.828 | 7170.09 | 164128 | **VEGETAL** | 15.527 | 1505.7 | 330372 |
| 126 | 25400 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 10 | 999.99 | 166134 | **SUB** | 4.399 | 439.97 | 88712.9 | **DES** | 0 | 0 | 4036414 | **TERR** | 249.26 | 19872.1 | 929898 | **SANEO** | 89.182 | 8003.77 | 172132 | **VEGETAL** | 18.386 | 1660.34 | 332033 |
| 126 | 25500 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 10 | 999.01 | 167133 | **SUB** | 4.399 | 439.97 | 89152.9 | **DES** | 0.071 | 2.42 | 4036416 | **TERR** | 15.352 | 11946.4 | 941845 | **SANEO** | 37.634 | 6125.99 | 178258 | **VEGETAL** | 8.932 | 1335.98 | 333369 |
| 126 | 25600 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 875.45 | 168009 | **SUB** | 4.399 | 439.97 | 89592.9 | **DES** | 144.478 | 4813 | 4041229 | **TERR** | 0 | 1539.23 | 943384 | **SANEO** | 0 | 2603.75 | 180861 | **VEGETAL** | 15.47 | 1095.85 | 334465 |
| 126 | 25700 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 648.9 | 168658 | **SUB** | 4.399 | 439.98 | 90032.8 | **DES** | 158.55 | 15434.6 | 4056664 | **TERR** | 0 | 0 | 943384 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 26.737 | 2510.12 | 336975 |
| 126 | 25800 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 648.9 | 169306 | **SUB** | 4.4 | 439.97 | 90472.8 | **DES** | 369.31 | 29877.2 | 4086541 | **TERR** | 0 | 0 | 943384 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 34.629 | 3366.75 | 340342 |
| 126 | 25900 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 808.63 | 170115 | **SUB** | 4.401 | 439.99 | 90912.8 | **DES** | 177.363 | 10693.8 | 4097235 | **TERR** | 0 | 1557.27 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 27.355 | 2153.67 | 342495 |
| 126 | 26000 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 648.87 | 170764 | **SUB** | 4.4 | 439.97 | 91352.8 | **DES** | 1327.13 | 88356.8 | 4185592 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 55.719 | 4585.96 | 347081 |
| 126 | 26100 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 648.87 | 171413 | **SUB** | 4.401 | 439.98 | 91792.8 | **DES** | 1416.03 | 137380 | 4322972 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 58.103 | 5691.81 | 352773 |
| 126 | 26200 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 648.88 | 172062 | **SUB** | 4.401 | 439.99 | 92232.8 | **DES** | 1836.09 | 170805 | 4493777 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 63.939 | 6233.2 | 359006 |
| 126 | 26300 | **EXC-TUN** | 0 | 0 | 622344.2 | **CF** | 6.49 | 648.88 | 172711 | **SUB** | 4.4 | 440 | 92672.8 | **DES** | 1389.87 | 157793 | 4651571 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 59.583 | 6182.17 | 365188 |
| 126 | 26400 | **EXC-TUN** | 143 | 11419 | 633763.6 | **CF** | 0 | 127.12 | 172838 | **SUB** | 0 | 66.19 | 92739 | **DES** | 0 | 27613.6 | 4679184 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 0 | 1189.85 | 366378 |
| 126 | 26500 | **EXC-TUN** | 143 | 14274 | 648037.8 | **CF** | 0 | 0 | 172838 | **SUB** | 0 | 0 | 92739 | **DES** | 0 | 0 | 4679184 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 0 | 0 | 366378 |
| 126 | 26600 | **EXC-TUN** | 143 | 14274 | 662312 | **CF** | 0 | 0 | 172838 | **SUB** | 0 | 0 | 92739 | **DES** | 0 | 0 | 4679184 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 0 | 0 | 366378 |
| 126 | 26700 | **EXC-TUN** | 143 | 14274 | 676586.2 | **CF** | 0 | 0 | 172838 | **SUB** | 0 | 0 | 92739 | **DES** | 0 | 0 | 4679184 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 0 | 0 | 366378 |
| 126 | 26800 | **EXC-TUN** | 143 | 14274 | 690860.4 | **CF** | 0 | 0 | 172838 | **SUB** | 0 | 0 | 92739 | **DES** | 0 | 0 | 4679184 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 0 | 0 | 366378 |
| 126 | 26900 | **EXC-TUN** | 143 | 14274 | 705134.6 | **CF** | 0 | 0 | 172838 | **SUB** | 0 | 0 | 92739 | **DES** | 0 | 0 | 4679184 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 0 | 0 | 366378 |
| 126 | 27000 | **EXC-TUN** | 143 | 14274 | 719408.8 | **CF** | 0 | 0 | 172838 | **SUB** | 0 | 0 | 92739 | **DES** | 0 | 0 | 4679184 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 0 | 0 | 366378 |
| 126 | 27100 | **EXC-TUN** | 143 | 14274 | 733683 | **CF** | 0 | 0 | 172838 | **SUB** | 0 | 0 | 92739 | **DES** | 0 | 0 | 4679184 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 0 | 0 | 366378 |
| 126 | 27200 | **EXC-TUN** | 143 | 14274 | 747957.2 | **CF** | 0 | 0 | 172838 | **SUB** | 0 | 0 | 92739 | **DES** | 0 | 0 | 4679184 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 0 | 0 | 366378 |
| 126 | 27200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 0 | 0 | 172838 | **SUB** | 0 | 0 | 92739 | **DES** | 858.633 | 0 | 4679184 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 19.143 | 0 | 366378 |
| 126 | 27300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 12.1 | 674.22 | 173512 | **SUB** | 8.599 | 439.19 | 93178.1 | **DES** | 268.003 | 47762.3 | 4726946 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 15.129 | 1517.44 | 367896 |
| 126 | 27400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 12.1 | 1208.87 | 174721 | **SUB** | 8.6 | 860 | 94038.1 | **DES** | 39.752 | 11572.1 | 4738518 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 12.622 | 1346.84 | 369242 |
| 126 | 27400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 12.1 | 0 | 174721 | **SUB** | 8.6 | 0 | 94038.1 | **DES** | 40.379 | 0 | 4738518 | **TERR** | 0 | 0 | 944941 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 12.822 | 0 | 369242 |
| 126 | 27500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 0 | 823.26 | 175544 | **SUB** | 0 | 408.66 | 94446.8 | **DES** | 0 | 552.17 | 4739071 | **TERR** | 0 | 3586.52 | 948528 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 0 | 618.4 | 369861 |
| 126 | 27600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 12.1 | 1229.76 | 176774 | **SUB** | 8.601 | 752.66 | 95199.5 | **DES** | 153.729 | 4106.26 | 4743177 | **TERR** | 0 | 88.35 | 948616 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 15.011 | 1143.55 | 371004 |
| 126 | 27700 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 12.1 | 1208.87 | 177983 | **SUB** | 8.6 | 859.99 | 96059.4 | **DES** | 139.778 | 14411.7 | 4757589 | **TERR** | 0 | 0 | 948616 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 29.596 | 3006.51 | 374011 |
| 126 | 27800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 12.1 | 1208.87 | 179192 | **SUB** | 8.599 | 860.02 | 96919.5 | **DES** | 133.721 | 13561.3 | 4771150 | **TERR** | 0 | 0 | 948616 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 29.763 | 2964.3 | 376975 |
| 126 | 27900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 12.1 | 1208.87 | 180400 | **SUB** | 8.6 | 860 | 97779.5 | **DES** | 223.759 | 19505.3 | 4790655 | **TERR** | 0 | 0 | 948616 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 33.058 | 3189.14 | 380164 |
| 126 | 28000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 12.1 | 1208.87 | 181609 | **SUB** | 8.601 | 860 | 98639.5 | **DES** | 491.765 | 25879.5 | 4816535 | **TERR** | 0 | 0 | 948616 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 40.533 | 3407.28 | 383572 |
| 126 | 28100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 12.1 | 1208.87 | 182818 | **SUB** | 8.601 | 860 | 99499.5 | **DES** | 1169.97 | 86917.6 | 4903452 | **TERR** | 0 | 0 | 948616 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 56.291 | 4975.44 | 388547 |
| 126 | 28200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 12.1 | 1208.87 | 184027 | **SUB** | 8.6 | 859.99 | 100360 | **DES** | 1054.09 | 112042 | 5015494 | **TERR** | 0 | 0 | 948616 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 54.019 | 5532.51 | 394080 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 28300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 676.87 | 184704 | **SUB** | 4.4 | 460.99 | 100820 | **DES** | 535.764 | 74350 | 5089844 | **TERR** | 0 | 0 | 948616 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 37.901 | 4376.06 | 398456 |
| 126 | 28400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.87 | 185353 | **SUB** | 4.4 | 439.99 | 101260 | **DES** | 99.126 | 27568.8 | 5117413 | **TERR** | 0 | 0 | 948616 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 21.456 | 2871.53 | 401327 |
| 126 | 28500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.88 | 186002 | **SUB** | 4.401 | 439.97 | 101700 | **DES** | 265.099 | 17028.3 | 5134442 | **TERR** | 0 | 0 | 948616 | **SANEO** | 0 | 0 | 180861 | **VEGETAL** | 27.153 | 2456.99 | 403784 |
| 126 | 28600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 842.41 | 186844 | **SUB** | 4.4 | 439.99 | 102140 | **DES** | 0 | 6196.48 | 5140638 | **TERR** | 135.38 | 2784.28 | 951400 | **SANEO** | 40.311 | 201.56 | 181063 | **VEGETAL** | 20.842 | 1806.66 | 405591 |
| 126 | 28800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 2000.07 | 188844 | **SUB** | 4.4 | 879.8 | 103020 | **DES** | 0 | 0 | 5140638 | **TERR** | 377.76 | 78665.5 | 1030066 | **SANEO** | 65.697 | 12679 | 193742 | **VEGETAL** | 22.388 | 4379.22 | 409970 |
| 126 | 28900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 877.07 | 189721 | **SUB** | 4.399 | 439.98 | 103460 | **DES** | 269.162 | 3563.27 | 5144201 | **TERR** | 0 | 14825.3 | 1044891 | **SANEO** | 0 | 3284.22 | 197026 | **VEGETAL** | 19.266 | 1626.71 | 411597 |
| 126 | 29000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.89 | 190370 | **SUB** | 4.4 | 439.95 | 103900 | **DES** | 407.268 | 58174.8 | 5202376 | **TERR** | 0 | 0 | 1044891 | **SANEO** | 0 | 0 | 197026 | **VEGETAL** | 34.357 | 3825.96 | 415423 |
| 126 | 29100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 719.12 | 191089 | **SUB** | 4.4 | 439.96 | 104340 | **DES** | 0 | 13937.3 | 5216313 | **TERR** | 24.593 | 282.51 | 1045173 | **SANEO** | 22.167 | 110.83 | 197137 | **VEGETAL** | 11.77 | 2223.36 | 417646 |
| 126 | 29200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.94 | 192089 | **SUB** | 4.4 | 439.96 | 104780 | **DES** | 0 | 0 | 5216313 | **TERR** | 222.27 | 8451.88 | 1053625 | **SANEO** | 45.992 | 3248.3 | 200385 | **VEGETAL** | 16.872 | 1162.65 | 418809 |
| 126 | 29300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.96 | 193089 | **SUB** | 4.4 | 439.94 | 105220 | **DES** | 0 | 0 | 5216313 | **TERR** | 328.35 | 39553.1 | 1093178 | **SANEO** | 60.589 | 6410.92 | 206796 | **VEGETAL** | 20.908 | 2239.14 | 421048 |
| 126 | 29400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.94 | 194089 | **SUB** | 4.399 | 439.98 | 105660 | **DES** | 0 | 0 | 5216313 | **TERR** | 210.22 | 28098.8 | 1121277 | **SANEO** | 49.037 | 5240.64 | 212037 | **VEGETAL** | 16.849 | 1930.37 | 422978 |
| 126 | 29500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 807.03 | 194896 | **SUB** | 4.4 | 439.95 | 106100 | **DES** | 514.547 | 13449.1 | 5229762 | **TERR** | 0 | 4590.38 | 1125868 | **SANEO** | 0 | 1513.47 | 213550 | **VEGETAL** | 25.119 | 1556.4 | 424535 |
| 126 | 29500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 0 | 194896 | **SUB** | 4.4 | 0 | 106100 | **DES** | 514.547 | 0 | 5229762 | **TERR** | 0 | 0 | 1125868 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 25.119 | 0 | 424535 |
| 126 | 29600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.94 | 195545 | **SUB** | 4.4 | 439.94 | 106540 | **DES** | 253.752 | 38997.3 | 5268760 | **TERR** | 0 | 0 | 1125868 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 27.97 | 3316.54 | 427851 |
| 126 | 29700 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.93 | 196194 | **SUB** | 4.4 | 439.96 | 106980 | **DES** | 39.592 | 19491.4 | 5288251 | **TERR** | 0 | 0 | 1125868 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 18.251 | 2544.58 | 430396 |
| 126 | 29800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 947.31 | 197141 | **SUB** | 4.4 | 439.94 | 107420 | **DES** | 0 | 348.01 | 5288599 | **TERR** | 176.59 | 12404.1 | 1138272 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 23.381 | 2051.53 | 432447 |
| 126 | 29900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.94 | 198141 | **SUB** | 4.399 | 439.98 | 107860 | **DES** | 0 | 0 | 5288599 | **TERR** | 127.81 | 14802.8 | 1153074 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 10.531 | 1116.42 | 433564 |
| 126 | 30000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.94 | 199141 | **SUB** | 4.4 | 439.95 | 108300 | **DES** | 0 | 0 | 5288599 | **TERR** | 83.043 | 11461.2 | 1164536 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 8.928 | 1006.15 | 434570 |
| 126 | 30100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.95 | 200141 | **SUB** | 4.4 | 439.96 | 108740 | **DES** | 0 | 0 | 5288599 | **TERR** | 44.327 | 6230.8 | 1170766 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 7.278 | 807.17 | 435377 |
| 126 | 30200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.83 | 201141 | **SUB** | 4.4 | 439.96 | 109180 | **DES** | 0.011 | 0.05 | 5288599 | **TERR** | 8.719 | 2622.44 | 1173389 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 5.625 | 635.83 | 436013 |
| 126 | 30300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 797.92 | 201939 | **SUB** | 4.4 | 439.94 | 109620 | **DES** | 46.506 | 1446.97 | 5290046 | **TERR** | 0 | 206.96 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 9.145 | 739.57 | 436752 |
| 126 | 30400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.93 | 202588 | **SUB** | 4.399 | 439.98 | 110060 | **DES** | 136.873 | 8679.22 | 5298725 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 11.563 | 1028.5 | 437781 |
| 126 | 30500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.93 | 203237 | **SUB** | 4.4 | 439.95 | 110500 | **DES** | 227.238 | 19029.6 | 5317755 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 13.605 | 1279.99 | 439061 |
| 126 | 30500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 0 | 203237 | **SUB** | 4.4 | 0 | 110500 | **DES** | 195.838 | 0 | 5317755 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 11.072 | 0 | 439061 |
| 126 | 30600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.94 | 203886 | **SUB** | 4.4 | 439.96 | 110939 | **DES** | 304.543 | 22210.5 | 5339965 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 24.644 | 2269.65 | 441331 |
| 126 | 30700 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.93 | 204535 | **SUB** | 4.4 | 439.96 | 111379 | **DES** | 347.786 | 29802.4 | 5369768 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 25.935 | 2473.22 | 443804 |
| 126 | 30800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.94 | 205183 | **SUB** | 4.4 | 439.94 | 111819 | **DES** | 384.922 | 38516.4 | 5408284 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 26.843 | 2784.63 | 446588 |
| 126 | 30900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.94 | 205832 | **SUB** | 4.4 | 439.98 | 112259 | **DES** | 438.85 | 41937.1 | 5450221 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 30.064 | 2961.26 | 449550 |
| 126 | 31000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.88 | 206481 | **SUB** | 4.399 | 439.96 | 112699 | **DES** | 453.664 | 44420.9 | 5494642 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 30.342 | 3014.51 | 452564 |
| 126 | 31100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.9 | 207130 | **SUB** | 4.4 | 439.98 | 113139 | **DES** | 462.198 | 46960 | 5541602 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 30.539 | 3198.7 | 455763 |
| 126 | 31200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.9 | 207779 | **SUB** | 4.4 | 439.98 | 113579 | **DES** | 493.357 | 47107.3 | 5588709 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 33.098 | 3183.09 | 458946 |
| 126 | 31300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.93 | 208428 | **SUB** | 4.4 | 439.97 | 114019 | **DES** | 475.367 | 51171.8 | 5639881 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 32.741 | 3339.78 | 462286 |
| 126 | 31400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.92 | 209077 | **SUB** | 4.4 | 439.97 | 114459 | **DES** | 229.372 | 32496.9 | 5672378 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 23.365 | 2689.22 | 464975 |
| 126 | 31500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.91 | 209726 | **SUB** | 4.399 | 439.99 | 114899 | **DES** | 130.132 | 19602.5 | 5691981 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 20.173 | 2215.53 | 467191 |
| 126 | 31600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.9 | 210375 | **SUB** | 4.399 | 439.96 | 115339 | **DES** | 373.773 | 23752.1 | 5715733 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 28.757 | 2346.77 | 469537 |
| 126 | 31700 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.85 | 211024 | **SUB** | 4.4 | 439.98 | 115779 | **DES** | 404.875 | 40910.1 | 5756643 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 27.847 | 2816.49 | 472354 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 31800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.85 | 211672 | **SUB** | 4.4 | 439.97 | 116219 | **DES** | 132.728 | 30900.6 | 5787543 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 21.162 | 2494.61 | 474848 |
| 126 | 31900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.86 | 212321 | **SUB** | 4.4 | 439.95 | 116659 | **DES** | 183.615 | 14608.9 | 5802152 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 22.314 | 2110.15 | 476959 |
| 126 | 32000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.43 | 646.13 | 212967 | **SUB** | 4.4 | 439.97 | 117099 | **DES** | 580.353 | 33140.3 | 5835293 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 35.004 | 2708.38 | 479667 |
| 126 | 32100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.43 | 642.82 | 213610 | **SUB** | 4.398 | 439.97 | 117539 | **DES** | 571.315 | 67960.3 | 5903253 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 31.59 | 3574.27 | 483241 |
| 126 | 32200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 0 | 125.9 | 213736 | **SUB** | 0 | 66.16 | 117605 | **DES** | 189.504 | 27237.1 | 5930490 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 5.532 | 1066.03 | 484307 |
| 126 | 32300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 0 | 0 | 213736 | **SUB** | 0 | 0 | 117605 | **DES** | 218.319 | 20945 | 5951435 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 5.532 | 553.19 | 484860 |
| 126 | 32400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 192.01 | 213928 | **SUB** | 4.4 | 110.18 | 117715 | **DES** | 224.176 | 21058.5 | 5972493 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 11.54 | 748.46 | 485609 |
| 126 | 32500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.84 | 214577 | **SUB** | 4.4 | 439.97 | 118155 | **DES** | 92.312 | 13257.5 | 5985751 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 9.68 | 1026.83 | 486636 |
| 126 | 32600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.85 | 215226 | **SUB** | 4.398 | 439.97 | 118595 | **DES** | 92.244 | 11462.9 | 5997214 | **TERR** | 0 | 0 | 1173596 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 9.482 | 999.8 | 487636 |
| 126 | 32700 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 9.11 | 863.93 | 216090 | **SUB** | 4.4 | 439.95 | 119035 | **DES** | 10.43 | 2742.09 | 5999956 | **TERR** | 26.136 | 3439.25 | 1177035 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 8.312 | 819.45 | 488455 |
| 126 | 32800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 768.1 | 216858 | **SUB** | 4.4 | 439.97 | 119475 | **DES** | 99.134 | 4574.1 | 6004530 | **TERR** | 0 | 895.68 | 1177931 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 9.977 | 927.48 | 489382 |
| 126 | 32900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 802.77 | 217661 | **SUB** | 4.4 | 439.95 | 119915 | **DES** | 0 | 3114.8 | 6007645 | **TERR** | 60.763 | 1909.31 | 1179840 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 8.04 | 822.03 | 490204 |
| 126 | 33000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 0 | 691.99 | 218353 | **SUB** | 0 | 297.07 | 120212 | **DES** | 0 | 0 | 6007645 | **TERR** | 0 | 4559.77 | 1184400 | **SANEO** | 0 | 0 | 213550 | **VEGETAL** | 0 | 537.99 | 490742 |
| 126 | 33000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 0 | 0 | 218353 | **SUB** | 0 | 0 | 120212 | **DES** | 0 | 0 | 6007645 | **TERR** | 83.639 | 0 | 1184400 | **SANEO** | 27.878 | 0 | 213550 | **VEGETAL** | 8.413 | 0 | 490742 |
| 126 | 33100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 991.97 | 219345 | **SUB** | 4.4 | 429.06 | 120641 | **DES** | 0 | 0 | 6007645 | **TERR** | 62.288 | 8013.23 | 1192413 | **SANEO** | 44.13 | 4845.4 | 218396 | **VEGETAL** | 15.372 | 1625.95 | 492368 |
| 126 | 33200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.99 | 220345 | **SUB** | 4.401 | 440 | 121081 | **DES** | 0 | 0 | 6007645 | **TERR** | 45.365 | 4989.09 | 1197402 | **SANEO** | 40.266 | 4282.2 | 222678 | **VEGETAL** | 13.815 | 1442.04 | 493810 |
| 126 | 33300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.98 | 221345 | **SUB** | 4.4 | 439.98 | 121521 | **DES** | 0 | 0 | 6007645 | **TERR** | 31.858 | 3851.48 | 1201254 | **SANEO** | 35.386 | 3784.94 | 226463 | **VEGETAL** | 12.498 | 1315.58 | 495126 |
| 126 | 33400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.98 | 222345 | **SUB** | 4.4 | 439.98 | 121961 | **DES** | 0 | 0 | 6007645 | **TERR** | 30.497 | 3128.69 | 1204382 | **SANEO** | 34.986 | 3531.15 | 229994 | **VEGETAL** | 12.358 | 1245.21 | 496371 |
| 126 | 33500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.99 | 223345 | **SUB** | 4.4 | 439.98 | 122401 | **DES** | 0 | 0 | 6007645 | **TERR** | 30.327 | 3233.06 | 1207615 | **SANEO** | 35.208 | 3576.72 | 233571 | **VEGETAL** | 12.342 | 1254.63 | 497626 |
| 126 | 33600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.99 | 224345 | **SUB** | 4.399 | 439.97 | 122841 | **DES** | 0 | 0 | 6007645 | **TERR** | 15.948 | 2972.44 | 1210588 | **SANEO** | 33.364 | 3572.64 | 237143 | **VEGETAL** | 10.868 | 1227.39 | 498853 |
| 126 | 33700 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.94 | 225344 | **SUB** | 4.4 | 439.97 | 123281 | **DES** | 0 | 0 | 6007645 | **TERR** | 15.812 | 1769.07 | 1212357 | **SANEO** | 30.333 | 3248.23 | 240392 | **VEGETAL** | 10.754 | 1103.61 | 499957 |
| 126 | 33800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 1000 | 226344 | **SUB** | 4.4 | 439.97 | 123721 | **DES** | 0 | 0 | 6007645 | **TERR** | 26.683 | 2346.5 | 1214703 | **SANEO** | 33.942 | 3296.09 | 243688 | **VEGETAL** | 11.96 | 1160.87 | 501118 |
| 126 | 33900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.99 | 227344 | **SUB** | 4.4 | 439.99 | 124161 | **DES** | 0 | 0 | 6007645 | **TERR** | 25.091 | 2815.68 | 1217519 | **SANEO** | 33.592 | 3475.3 | 247163 | **VEGETAL** | 11.664 | 1203.84 | 502322 |
| 126 | 34000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.96 | 228344 | **SUB** | 4.4 | 440 | 124601 | **DES** | 0 | 0 | 6007645 | **TERR** | 20.456 | 1982.46 | 1219502 | **SANEO** | 34.622 | 3200.84 | 250364 | **VEGETAL** | 11.309 | 1119.15 | 503441 |
| 126 | 34100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.96 | 229344 | **SUB** | 4.4 | 440.02 | 125041 | **DES** | 0 | 0 | 6007645 | **TERR** | 21.106 | 2070.28 | 1221572 | **SANEO** | 32.075 | 3374.01 | 253738 | **VEGETAL** | 11.355 | 1133.89 | 504575 |
| 126 | 34200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.96 | 230344 | **SUB** | 4.4 | 440.01 | 125481 | **DES** | 0 | 0 | 6007645 | **TERR** | 45.385 | 7723.51 | 1229295 | **SANEO** | 44.082 | 4563.99 | 258302 | **VEGETAL** | 14.039 | 1564.52 | 506139 |
| 126 | 34300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.98 | 231344 | **SUB** | 4.4 | 439.99 | 125921 | **DES** | 0 | 0 | 6007645 | **TERR** | 28.856 | 2354.08 | 1231649 | **SANEO** | 35.396 | 3490.12 | 261792 | **VEGETAL** | 12.189 | 1171.3 | 507310 |
| 126 | 34400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.99 | 232344 | **SUB** | 4.4 | 439.97 | 126361 | **DES** | 0 | 0 | 6007645 | **TERR** | 40.179 | 3825.71 | 1235475 | **SANEO** | 39.083 | 3813.77 | 265606 | **VEGETAL** | 13.324 | 1312.42 | 508623 |
| 126 | 34500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.96 | 233344 | **SUB** | 4.4 | 440.02 | 126801 | **DES** | 0 | 0 | 6007645 | **TERR** | 27.898 | 3840.59 | 1239316 | **SANEO** | 34.429 | 3825.38 | 269431 | **VEGETAL** | 12.088 | 1314.21 | 509937 |
| 126 | 34600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.97 | 234344 | **SUB** | 4.4 | 440 | 127241 | **DES** | 0 | 0 | 6007645 | **TERR** | 30.186 | 3208.19 | 1242524 | **SANEO** | 35.341 | 3596.41 | 273028 | **VEGETAL** | 12.327 | 1251.9 | 511189 |
| 126 | 34700 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.97 | 235344 | **SUB** | 4.401 | 440 | 127681 | **DES** | 0 | 0 | 6007645 | **TERR** | 41.463 | 3710.51 | 1246234 | **SANEO** | 38.933 | 3746.87 | 276774 | **VEGETAL** | 13.446 | 1301.84 | 512491 |
| 126 | 34800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.95 | 236344 | **SUB** | 4.4 | 440.02 | 128121 | **DES** | 0 | 0 | 6007645 | **TERR** | 26.456 | 3793.28 | 1250028 | **SANEO** | 35.47 | 3882.89 | 280657 | **VEGETAL** | 11.939 | 1310.04 | 513801 |
| 126 | 34900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 846.59 | 237191 | **SUB** | 4.4 | 440 | 128561 | **DES** | 37.946 | 4482.26 | 6012127 | **TERR** | 0 | 1215.45 | 1251243 | **SANEO** | 0 | 1990.44 | 282648 | **VEGETAL** | 17.092 | 1485.18 | 515286 |
| 126 | 35000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.86 | 237840 | **SUB** | 4.4 | 440.02 | 129001 | **DES** | 133.712 | 12826.7 | 6024954 | **TERR** | 0 | 0 | 1251243 | **SANEO** | 0 | 0 | 282648 | **VEGETAL** | 20.265 | 2003.81 | 517290 |
| 126 | 35100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.87 | 238489 | **SUB** | 4.4 | 440 | 129441 | **DES** | 110.112 | 12758.3 | 6037712 | **TERR** | 0 | 0 | 1251243 | **SANEO** | 0 | 0 | 282648 | **VEGETAL** | 19.319 | 2006.57 | 519296 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 35200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 0 | 337.47 | 238826 | **SUB** | 0 | 209.08 | 129650 | **DES** | 0 | 3819.21 | 6041531 | **TERR** | 0 | 78.27 | 1251321 | **SANEO** | 0 | 0 | 282648 | **VEGETAL** | 0 | 863.7 | 520160 |
| 126 | 35300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 586.02 | 239412 | **SUB** | 4.4 | 253.08 | 129903 | **DES** | 0 | 0 | 6041531 | **TERR** | 85.576 | 5147.4 | 1256469 | **SANEO** | 50.004 | 2749.47 | 285397 | **VEGETAL** | 17.196 | 931.95 | 521092 |
| 126 | 35400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 587.99 | 240000 | **SUB** | 4.4 | 242.17 | 130145 | **DES** | 0 | 0 | 6041531 | **TERR** | 118.71 | 5918.62 | 1262387 | **SANEO** | 57.647 | 3046.66 | 288444 | **VEGETAL** | 19.58 | 1019.09 | 522111 |
| 126 | 35500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 1000.03 | 241000 | **SUB** | 4.4 | 439.98 | 130585 | **DES** | 0 | 0 | 6041531 | **TERR** | 124.47 | 11827.1 | 1274214 | **SANEO** | 61.975 | 5850.47 | 294294 | **VEGETAL** | 19.923 | 1956.25 | 524067 |
| 126 | 35600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 1000.03 | 242000 | **SUB** | 4.4 | 439.98 | 131025 | **DES** | 0 | 0 | 6041531 | **TERR** | 127.74 | 12319.8 | 1286534 | **SANEO** | 62.225 | 6034.79 | 300329 | **VEGETAL** | 20.188 | 2000.25 | 526068 |
| 126 | 35700 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 1000.03 | 243000 | **SUB** | 4.4 | 439.98 | 131465 | **DES** | 0 | 0 | 6041531 | **TERR** | 131.41 | 13176 | 1299710 | **SANEO** | 59.631 | 6068.99 | 306398 | **VEGETAL** | 20.426 | 2044.25 | 528112 |
| 126 | 35800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 1000.02 | 244000 | **SUB** | 4.4 | 439.98 | 131905 | **DES** | 0 | 0 | 6041531 | **TERR** | 137.98 | 13464.8 | 1313175 | **SANEO** | 60.649 | 6023.56 | 312422 | **VEGETAL** | 20.822 | 2062.35 | 530174 |
| 126 | 35900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 1000.03 | 245000 | **SUB** | 4.4 | 439.99 | 132345 | **DES** | 0 | 0 | 6041531 | **TERR** | 171.11 | 13712.8 | 1326888 | **SANEO** | 73.36 | 6226.31 | 318648 | **VEGETAL** | 22.902 | 2076.14 | 532250 |
| 126 | 36000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 1000.03 | 246000 | **SUB** | 4.4 | 439.98 | 132785 | **DES** | 0 | 0 | 6041531 | **TERR** | 105.51 | 14191.5 | 1341079 | **SANEO** | 60.828 | 6902.46 | 325551 | **VEGETAL** | 19.556 | 2160.9 | 534411 |
| 126 | 36100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 1000.03 | 247000 | **SUB** | 4.4 | 439.98 | 133225 | **DES** | 0 | 0 | 6041531 | **TERR** | 149.32 | 15394.8 | 1356474 | **SANEO** | 70.833 | 6954.25 | 332505 | **VEGETAL** | 22.349 | 2206.39 | 536618 |
| 126 | 36200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 1000.03 | 248000 | **SUB** | 4.4 | 439.98 | 133665 | **DES** | 0 | 0 | 6041531 | **TERR** | 147.34 | 14875 | 1371349 | **SANEO** | 63.562 | 6691.43 | 339196 | **VEGETAL** | 21.236 | 2175.16 | 538793 |
| 126 | 36300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 1000.02 | 249000 | **SUB** | 4.4 | 439.98 | 134105 | **DES** | 0 | 0 | 6041531 | **TERR** | 173.72 | 16055.7 | 1387405 | **SANEO** | 65.719 | 6676.43 | 345873 | **VEGETAL** | 22.634 | 2223.7 | 541017 |
| 126 | 36400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 579.98 | 249580 | **SUB** | 4.4 | 242.16 | 134347 | **DES** | 0 | 0 | 6041531 | **TERR** | 143.39 | 9143.7 | 1396549 | **SANEO** | 68.483 | 3572.85 | 349445 | **VEGETAL** | 21.48 | 1113.45 | 542130 |
| 126 | 36500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.98 | 250580 | **SUB** | 4.4 | 439.99 | 134787 | **DES** | 0 | 0 | 6041531 | **TERR** | 146.73 | 14659.6 | 1411208 | **SANEO** | 67.003 | 6873.87 | 356319 | **VEGETAL** | 21.417 | 2148.18 | 544278 |
| 126 | 36600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.97 | 251580 | **SUB** | 4.399 | 439.95 | 135227 | **DES** | 0 | 0 | 6041531 | **TERR** | 163.85 | 16266.5 | 1427475 | **SANEO** | 71.883 | 6931.8 | 363251 | **VEGETAL** | 22.518 | 2237.35 | 546516 |
| 126 | 36700 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.86 | 252580 | **SUB** | 4.4 | 439.98 | 135667 | **DES** | 0 | 0 | 6041531 | **TERR** | 181.78 | 17757.1 | 1445232 | **SANEO** | 75.664 | 7216.44 | 370468 | **VEGETAL** | 23.506 | 2325.71 | 548841 |
| 126 | 36800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.9 | 253580 | **SUB** | 4.399 | 439.98 | 136107 | **DES** | 0 | 0 | 6041531 | **TERR** | 210.47 | 20479.5 | 1465711 | **SANEO** | 80.766 | 7922.95 | 378391 | **VEGETAL** | 25.111 | 2477.98 | 551319 |
| 126 | 36900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.89 | 254580 | **SUB** | 4.399 | 439.98 | 136547 | **DES** | 0 | 0 | 6041531 | **TERR** | 196.18 | 20611.5 | 1486323 | **SANEO** | 77.479 | 7847.17 | 386238 | **VEGETAL** | 24.588 | 2486.96 | 553806 |
| 126 | 37000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.89 | 255580 | **SUB** | 4.399 | 439.98 | 136987 | **DES** | 0 | 0 | 6041531 | **TERR** | 160.98 | 17596.2 | 1503919 | **SANEO** | 71.296 | 7391.37 | 393629 | **VEGETAL** | 22.306 | 2317.07 | 556123 |
| 126 | 37100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.89 | 256580 | **SUB** | 4.399 | 439.98 | 137427 | **DES** | 0 | 0 | 6041531 | **TERR** | 195.77 | 17509.9 | 1521429 | **SANEO** | 77.895 | 7404.52 | 401034 | **VEGETAL** | 24.316 | 2313.57 | 558437 |
| 126 | 37200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.89 | 257579 | **SUB** | 4.399 | 439.98 | 137867 | **DES** | 0 | 0 | 6041531 | **TERR** | 258.64 | 23179.4 | 1544608 | **SANEO** | 88.552 | 8406.26 | 409440 | **VEGETAL** | 27.602 | 2622.14 | 561059 |
| 126 | 37300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.89 | 258579 | **SUB** | 4.399 | 439.98 | 138307 | **DES** | 0 | 0 | 6041531 | **TERR** | 262.88 | 27264.8 | 1571873 | **SANEO** | 87.387 | 9077.7 | 418518 | **VEGETAL** | 27.629 | 2828.62 | 563888 |
| 126 | 37400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.89 | 259579 | **SUB** | 4.399 | 439.98 | 138747 | **DES** | 0 | 0 | 6041531 | **TERR** | 277.7 | 27220.1 | 1599093 | **SANEO** | 93.556 | 9025.6 | 427543 | **VEGETAL** | 29.038 | 2817.93 | 566705 |
| 126 | 37500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 9.6 | 987.94 | 260567 | **SUB** | 4.4 | 439.97 | 139187 | **DES** | 0 | 0 | 6041531 | **TERR** | 191.95 | 24558.9 | 1623652 | **SANEO** | 62.77 | 8215.95 | 435759 | **VEGETAL** | 19.434 | 2577.83 | 569283 |
| 126 | 37600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 0 | 187.99 | 260755 | **SUB** | 0 | 77.08 | 139264 | **DES** | 0 | 0 | 6041531 | **TERR** | 0 | 3436 | 1627088 | **SANEO** | 0 | 1079.61 | 436839 | **VEGETAL** | 0 | 334.49 | 569618 |
| 126 | 37700 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 383.97 | 261139 | **SUB** | 4.4 | 165.08 | 139429 | **DES** | 0 | 0 | 6041531 | **TERR** | 154.91 | 5696.92 | 1632785 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.607 | 332.08 | 569950 |
| 126 | 37800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 787.45 | 261927 | **SUB** | 4.401 | 439.99 | 139869 | **DES** | 147.134 | 7035.72 | 6048567 | **TERR** | 0 | 2536.38 | 1635321 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.384 | 921.41 | 570871 |
| 126 | 37900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 9.9 | 672.85 | 262599 | **SUB** | 4.398 | 439.99 | 140309 | **DES** | 0.27 | 8166.9 | 6056734 | **TERR** | 11.051 | 55.27 | 1635377 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.727 | 916.57 | 571788 |
| 126 | 38000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.43 | 866.52 | 263466 | **SUB** | 4.398 | 439.98 | 140749 | **DES** | 182.127 | 2863.4 | 6059597 | **TERR** | 0 | 1993.62 | 1637370 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.767 | 799.07 | 572587 |
| 126 | 38100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.43 | 642.9 | 264109 | **SUB** | 4.398 | 439.98 | 141189 | **DES** | 299.203 | 38861.1 | 6098458 | **TERR** | 0 | 0 | 1637370 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 13.728 | 1535.63 | 574123 |
| 126 | 38200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 819.22 | 264928 | **SUB** | 4.398 | 439.98 | 141629 | **DES** | 0.052 | 6230.48 | 6104689 | **TERR** | 16.565 | 970.41 | 1638341 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.658 | 839.59 | 574962 |
| 126 | 38300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.22 | 265927 | **SUB** | 4.398 | 439.98 | 142069 | **DES** | 0 | 2.65 | 6104692 | **TERR** | 47.151 | 2383.79 | 1640724 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.713 | 666.61 | 575629 |
| 126 | 38400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 999.94 | 266927 | **SUB** | 4.398 | 439.98 | 142509 | **DES** | 0 | 0 | 6104692 | **TERR** | 38.674 | 6057.09 | 1646782 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.046 | 808.75 | 576438 |
| 126 | 38500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 945.86 | 267873 | **SUB** | 4.398 | 439.98 | 142949 | **DES** | 9.34 | 141.77 | 6104833 | **TERR** | 0 | 1315.21 | 1648097 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.68 | 679.27 | 577117 |
| 126 | 38600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 648.93 | 268522 | **SUB** | 4.398 | 439.98 | 143389 | **DES** | 8.674 | 1855.84 | 6106689 | **TERR** | 0 | 0 | 1648097 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.519 | 791.15 | 577908 |
| 126 | 38700 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 9.55 | 809.69 | 269332 | **SUB** | 4.398 | 439.98 | 143829 | **DES** | 1.879 | 1317.07 | 6108006 | **TERR** | 17.167 | 457.47 | 1648554 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.735 | 747.06 | 578655 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 38800 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 10 | 997.85 | 270330 | **SUB** | 4.398 | 439.98 | 144269 | **DES** | 0 | 9.82 | 6108016 | **TERR** | 149.26 | 9233.96 | 1657788 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.547 | 935.85 | 579591 |
| 126 | 38900 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 7.2 | 924.26 | 271254 | **SUB** | 4.398 | 439.98 | 144709 | **DES** | 54.404 | 1194.1 | 6109210 | **TERR** | 2.444 | 6767.76 | 1664556 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.67 | 1018.3 | 580609 |
| 126 | 39000 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.49 | 668.81 | 271923 | **SUB** | 4.399 | 439.98 | 145149 | **DES** | 80.045 | 5822.77 | 6115033 | **TERR** | 0 | 18.12 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.579 | 880.52 | 581490 |
| 126 | 39100 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.43 | 646.23 | 272569 | **SUB** | 4.4 | 440.01 | 145589 | **DES** | 600.218 | 21613.5 | 6136646 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 17.512 | 1196.41 | 582686 |
| 126 | 39200 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.37 | 637.7 | 273207 | **SUB** | 4.4 | 440.02 | 146029 | **DES** | 1370.65 | 113465 | 6250111 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 25.391 | 2300.85 | 584987 |
| 126 | 39300 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.37 | 636.79 | 273843 | **SUB** | 4.399 | 440.01 | 146469 | **DES** | 838.619 | 105622 | 6355733 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 20.8 | 2254.53 | 587241 |
| 126 | 39400 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.37 | 636.78 | 274480 | **SUB** | 4.4 | 440 | 146909 | **DES** | 1885.6 | 142982 | 6498716 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 27.181 | 2621.38 | 589863 |
| 126 | 39500 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.37 | 636.8 | 275117 | **SUB** | 4.4 | 440.01 | 147349 | **DES** | 748.854 | 125644 | 6624359 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 19.359 | 2296.64 | 592159 |
| 126 | 39600 | **EXC-TUN** | 0 | 0 | 747957.2 | **CF** | 6.43 | 640.13 | 275757 | **SUB** | 4.4 | 440.01 | 147789 | **DES** | 220.057 | 51442.6 | 6675802 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.791 | 1707.01 | 593866 |
| 126 | 39700 | **EXC-TUN** | 143 | 8563.8 | 756521 | **CF** | 0 | 254.48 | 276012 | **SUB** | 0 | 154.2 | 147943 | **DES** | 0 | 10828.5 | 6686630 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 0 | 500.16 | 594367 |
| 126 | 39800 | **EXC-TUN** | 143 | 14273 | 770794 | **CF** | 0 | 0 | 276012 | **SUB** | 0 | 0 | 147943 | **DES** | 0 | 0 | 6686630 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 0 | 0 | 594367 |
| 126 | 39900 | **EXC-TUN** | 143 | 14273 | 785067.1 | **CF** | 0 | 0 | 276012 | **SUB** | 0 | 0 | 147943 | **DES** | 0 | 0 | 6686630 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 0 | 0 | 594367 |
| 126 | 39900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 0 | 0 | 276012 | **SUB** | 0 | 0 | 147943 | **DES** | 587.296 | 0 | 6686630 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.645 | 0 | 594367 |
| 126 | 40000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 634.13 | 276646 | **SUB** | 4.4 | 418.19 | 148362 | **DES** | 808.525 | 70310.1 | 6756940 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.263 | 595.26 | 594962 |
| 126 | 40100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.8 | 277282 | **SUB** | 4.399 | 439.99 | 148802 | **DES** | 1693.73 | 138926 | 6895867 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.115 | 800.39 | 595762 |
| 126 | 40200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.85 | 277919 | **SUB** | 4.399 | 439.95 | 149242 | **DES** | 1142.63 | 158663 | 7054529 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.279 | 851.18 | 596613 |
| 126 | 40300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.82 | 278556 | **SUB** | 4.399 | 439.98 | 149682 | **DES** | 718.413 | 77088.6 | 7131618 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.065 | 621.47 | 597235 |
| 126 | 40400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.79 | 279193 | **SUB** | 4.4 | 439.99 | 150122 | **DES** | 628.244 | 78296.1 | 7209914 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.975 | 625.75 | 597861 |
| 126 | 40500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.8 | 279830 | **SUB** | 4.4 | 439.99 | 150562 | **DES** | 474.688 | 37810.9 | 7247725 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.238 | 491.97 | 598353 |
| 126 | 40600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.81 | 280467 | **SUB** | 4.4 | 440.02 | 151002 | **DES** | 1405.7 | 93481.3 | 7341206 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.813 | 667.34 | 599020 |
| 126 | 40700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.77 | 281103 | **SUB** | 4.4 | 440 | 151442 | **DES** | 1555.8 | 153353 | 7494559 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 8.483 | 849.25 | 599869 |
| 126 | 40800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.79 | 281740 | **SUB** | 4.399 | 439.96 | 151881 | **DES** | 1230.28 | 143876 | 7638435 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.391 | 804.35 | 600674 |
| 126 | 40900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.82 | 282377 | **SUB** | 4.4 | 439.94 | 152321 | **DES** | 810.302 | 98017 | 7736452 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.155 | 680.43 | 601354 |
| 126 | 41000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.83 | 283014 | **SUB** | 4.4 | 439.96 | 152761 | **DES** | 714.999 | 74495.1 | 7810947 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.918 | 602.17 | 601956 |
| 126 | 41100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.83 | 283651 | **SUB** | 4.4 | 439.97 | 153201 | **DES** | 72.21 | 40558.8 | 7851506 | **TERR** | 0 | 0 | 1664574 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 3.257 | 488.95 | 602445 |
| 126 | 41200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 960.08 | 284611 | **SUB** | 4.4 | 439.98 | 153641 | **DES** | 0 | 567.41 | 7852073 | **TERR** | 148.31 | 7849.11 | 1672423 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 2.035 | 218.87 | 602664 |
| 126 | 41200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 0 | 284611 | **SUB** | 4.4 | 0 | 153641 | **DES** | 0 | 0 | 7852073 | **TERR** | 255.77 | 0 | 1672423 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 4.763 | 0 | 602664 |
| 126 | 41300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.91 | 285611 | **SUB** | 4.4 | 440 | 154081 | **DES** | 0 | 0 | 7852073 | **TERR** | 517.33 | 40365.3 | 1712788 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.678 | 590.47 | 603255 |
| 126 | 41400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.96 | 286611 | **SUB** | 4.4 | 439.97 | 154521 | **DES** | 0 | 0 | 7852073 | **TERR** | 363.54 | 51640.7 | 1764429 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.666 | 665.19 | 603920 |
| 126 | 41500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.92 | 287610 | **SUB** | 4.4 | 440.01 | 154961 | **DES** | 0 | 0 | 7852073 | **TERR** | 200.64 | 18953.2 | 1783382 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 4.356 | 419.29 | 604339 |
| 126 | 41600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 0 | 791.92 | 288402 | **SUB** | 4.187 | 435.84 | 155397 | **DES** | 0 | 0 | 7852073 | **TERR** | 123.01 | 18937.8 | 1802320 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 1.401 | 369.67 | 604709 |
| 126 | 41700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 0 | 0 | 288402 | **SUB** | 4.128 | 415.78 | 155813 | **DES** | 0 | 0 | 7852073 | **TERR** | 296.41 | 23618.3 | 1825938 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 1.401 | 140.04 | 604849 |
| 126 | 41800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 0 | 0 | 288402 | **SUB** | 4.068 | 409.77 | 156223 | **DES** | 0 | 0 | 7852073 | **TERR** | 304.81 | 30626.4 | 1856565 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 1.4 | 140.07 | 604989 |
| 126 | 41900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 0 | 0 | 288402 | **SUB** | 4.008 | 403.8 | 156627 | **DES** | 0 | 0 | 7852073 | **TERR** | 222.95 | 26875.5 | 1883440 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 1.4 | 140.03 | 605129 |
| 126 | 42000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 0 | 0 | 288402 | **SUB** | 3.948 | 397.85 | 157024 | **DES** | 0 | 0 | 7852073 | **TERR** | 133.31 | 18984.2 | 1902424 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 1.4 | 140.04 | 605269 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 42100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.45 | 805.99 | 289208 | **SUB** | 4.059 | 407.58 | 157432 | **DES** | 258.267 | 4112.72 | 7856186 | **TERR** | 0 | 11444.8 | 1913869 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.103 | 375.3 | 605644 |
| 126 | 42200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.32 | 637.94 | 289846 | **SUB** | 3.994 | 402.61 | 157835 | **DES** | 1406.51 | 74566.8 | 7930753 | **TERR** | 0 | 0 | 1913869 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 29.661 | 2227.06 | 607871 |
| 126 | 42300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.31 | 631.69 | 290478 | **SUB** | 3.928 | 396.07 | 158231 | **DES** | 2248.08 | 183996 | 8114749 | **TERR** | 0 | 0 | 1913869 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 36.747 | 3281.75 | 611153 |
| 126 | 42400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.31 | 630.94 | 291109 | **SUB** | 3.863 | 389.57 | 158620 | **DES** | 1231.13 | 200326 | 8315076 | **TERR** | 0 | 0 | 1913869 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 27.352 | 3451.53 | 614604 |
| 126 | 42500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 8.25 | 646 | 291755 | **SUB** | 3.799 | 383.09 | 159003 | **DES** | 23.758 | 52970.5 | 8368046 | **TERR** | 6.746 | 33.73 | 1913903 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.119 | 1815.51 | 616420 |
| 126 | 42600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.88 | 955.69 | 292711 | **SUB** | 3.733 | 376.56 | 159380 | **DES** | 0 | 350.91 | 8368397 | **TERR** | 60.539 | 7482.99 | 1921386 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 8.16 | 942.02 | 617362 |
| 126 | 42700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 8.11 | 967.4 | 293678 | **SUB** | 3.668 | 370.11 | 159750 | **DES** | 36.241 | 312.83 | 8368710 | **TERR** | 5.38 | 3642.14 | 1925028 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.788 | 800.2 | 618162 |
| 126 | 42800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.34 | 645.24 | 294323 | **SUB** | 3.603 | 363.59 | 160114 | **DES** | 423.339 | 26323.1 | 8395033 | **TERR** | 0 | 26.9 | 1925055 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 17.802 | 1493.04 | 619655 |
| 126 | 42900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.33 | 633.19 | 294956 | **SUB** | 3.54 | 357.14 | 160471 | **DES** | 560.101 | 66962.2 | 8461995 | **TERR** | 0 | 0 | 1925055 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 22.974 | 2236.32 | 621892 |
| 126 | 43000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.38 | 636.36 | 295593 | **SUB** | 3.475 | 350.69 | 160821 | **DES** | 197.774 | 30162.6 | 8492158 | **TERR** | 0 | 0 | 1925055 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 15.342 | 1839.09 | 623731 |
| 126 | 43100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.83 | 817.67 | 296411 | **SUB** | 3.409 | 344.19 | 161166 | **DES** | 0 | 6896.95 | 8499055 | **TERR** | 194.19 | 6109.57 | 1931165 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 12.785 | 1395.87 | 625127 |
| 126 | 43200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 8.18 | 962.7 | 297373 | **SUB** | 3.345 | 337.77 | 161503 | **DES** | 48.017 | 542.84 | 8499597 | **TERR** | 24.155 | 16929.6 | 1948094 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 14.027 | 1320.89 | 626447 |
| 126 | 43300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.8 | 777.78 | 298151 | **SUB** | 3.281 | 331.34 | 161835 | **DES** | 0 | 2962.87 | 8502560 | **TERR** | 32.357 | 816.57 | 1948911 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.723 | 984.63 | 627432 |
| 126 | 43400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.79 | 979.65 | 299131 | **SUB** | 3.216 | 324.9 | 162160 | **DES** | 0 | 0 | 8502560 | **TERR** | 155.92 | 10068.2 | 1958979 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.447 | 978.69 | 628411 |
| 126 | 43500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.28 | 839.56 | 299970 | **SUB** | 3.154 | 318.51 | 162478 | **DES** | 691.084 | 14549.5 | 8517110 | **TERR** | 0 | 4828.91 | 1963808 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 22.387 | 1266.39 | 629677 |
| 126 | 43600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.27 | 627.85 | 300598 | **SUB** | 3.088 | 312.04 | 162790 | **DES** | 1030.89 | 102745 | 8619855 | **TERR** | 0 | 0 | 1963808 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 25.035 | 2540.42 | 632218 |
| 126 | 43700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.33 | 627.41 | 301225 | **SUB** | 3.024 | 305.66 | 163096 | **DES** | 218.657 | 70128.1 | 8689983 | **TERR** | 0 | 0 | 1963808 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 13.912 | 2145 | 634363 |
| 126 | 43800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.75 | 862.24 | 302088 | **SUB** | 2.961 | 299.28 | 163395 | **DES** | 0 | 3151.15 | 8693134 | **TERR** | 23.497 | 2496.55 | 1966304 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.151 | 833.03 | 635196 |
| 126 | 43900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.31 | 708.41 | 302796 | **SUB** | 2.896 | 292.87 | 163688 | **DES** | 130.262 | 5155 | 8698289 | **TERR** | 0 | 272.86 | 1966577 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 3.753 | 291.44 | 635487 |
| 126 | 43900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.19 | 0 | 302796 | **SUB** | 2.896 | 0 | 163688 | **DES** | 134.229 | 0 | 8698289 | **TERR** | 0 | 0 | 1966577 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 3.434 | 0 | 635487 |
| 126 | 44000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.18 | 618.75 | 303415 | **SUB** | 2.833 | 286.52 | 163974 | **DES** | 380.213 | 25065.6 | 8723355 | **TERR** | 0 | 0 | 1966577 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 4.684 | 394.85 | 635882 |
| 126 | 44100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.18 | 617.99 | 304033 | **SUB** | 2.769 | 280.08 | 164255 | **DES** | 457.556 | 41169.8 | 8764525 | **TERR** | 0 | 0 | 1966577 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 4.969 | 478.43 | 636360 |
| 126 | 44200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.17 | 617.23 | 304650 | **SUB** | 2.705 | 273.73 | 164528 | **DES** | 357.301 | 44466.1 | 8808991 | **TERR** | 0 | 0 | 1966577 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 4.631 | 492.58 | 636853 |
| 126 | 44300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.16 | 616.51 | 305267 | **SUB** | 2.641 | 267.39 | 164796 | **DES** | 161.241 | 25758.2 | 8834749 | **TERR** | 0 | 0 | 1966577 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 3.601 | 396.06 | 637249 |
| 126 | 44400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 8.82 | 663.32 | 305930 | **SUB** | 2.579 | 261.03 | 165057 | **DES** | 1.412 | 7247.37 | 8841996 | **TERR** | 5.392 | 43.08 | 1966620 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 1.982 | 307.95 | 637557 |
| 126 | 44500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.67 | 956.43 | 306886 | **SUB** | 2.515 | 254.71 | 165311 | **DES** | 0 | 19.31 | 8842016 | **TERR** | 53.037 | 2938.87 | 1969559 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 1.98 | 198.03 | 637755 |
| 126 | 44600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.65 | 958.06 | 307844 | **SUB** | 2.452 | 248.35 | 165560 | **DES** | 0 | 22.98 | 8842039 | **TERR** | 55.006 | 4000.9 | 1973560 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 1.978 | 197.86 | 637953 |
| 126 | 44700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.13 | 893.65 | 308738 | **SUB** | 2.389 | 242.07 | 165802 | **DES** | 62.346 | 846.81 | 8842885 | **TERR** | 0 | 3293.03 | 1976853 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 3.136 | 216.99 | 638170 |
| 126 | 44800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.31 | 659.4 | 309397 | **SUB** | 2.325 | 235.75 | 166038 | **DES** | 0.938 | 6128.39 | 8849014 | **TERR** | 26.474 | 265.43 | 1977119 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 1.973 | 300.98 | 638471 |
| 126 | 44900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.12 | 758.42 | 310156 | **SUB** | 2.264 | 229.48 | 166267 | **DES** | 273.08 | 8258.14 | 8857272 | **TERR** | 0 | 1408.67 | 1978527 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 4.038 | 283.96 | 638755 |
| 126 | 45000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.61 | 762.77 | 310919 | **SUB** | 2.201 | 223.18 | 166490 | **DES** | 0 | 16160.5 | 8873433 | **TERR** | 23.861 | 578.13 | 1979105 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 1.969 | 323.54 | 639078 |
| 126 | 45100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.6 | 960.28 | 311879 | **SUB** | 2.136 | 216.8 | 166707 | **DES** | 0 | 0 | 8873433 | **TERR** | 49.875 | 4995.22 | 1984101 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.906 | 590.76 | 639669 |
| 126 | 45200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.59 | 959.13 | 312838 | **SUB** | 2.075 | 210.56 | 166918 | **DES** | 0 | 0 | 8873433 | **TERR** | 32.131 | 3940.4 | 1988041 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.899 | 590.21 | 640259 |
| 126 | 45300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.09 | 766.01 | 313604 | **SUB** | 2.012 | 204.3 | 167122 | **DES** | 199.907 | 9160.11 | 8882593 | **TERR** | 0 | 1196.05 | 1989237 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.968 | 847.24 | 641106 |
| 126 | 45300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 0 | 313604 | **SUB** | 2.012 | 0 | 167122 | **DES** | 207.646 | 0 | 8882593 | **TERR** | 0 | 0 | 1989237 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 12.946 | 0 | 641106 |
| 126 | 45400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.2 | 620.21 | 314224 | **SUB** | 1.949 | 198.08 | 167320 | **DES** | 326.771 | 26937.8 | 8909530 | **TERR** | 0 | 0 | 1989237 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 15.523 | 1435.01 | 642541 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 45500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.19 | 619.44 | 314844 | **SUB** | 1.886 | 191.76 | 167512 | **DES** | 391.493 | 33186 | 8942716 | **TERR** | 0 | 0 | 1989237 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 16.518 | 1557.44 | 644099 |
| 126 | 45600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 7.31 | 624.29 | 315468 | **SUB** | 1.824 | 185.52 | 167697 | **DES** | 167.387 | 37252.7 | 8979969 | **TERR** | 1.033 | 5.17 | 1989242 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 12.997 | 1503.21 | 645602 |
| 126 | 45700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 8.95 | 854.51 | 316323 | **SUB** | 1.761 | 179.25 | 167876 | **DES** | 88.662 | 10693.1 | 8990662 | **TERR** | 83.87 | 4919.38 | 1994162 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 16.431 | 1520.33 | 647122 |
| 126 | 45800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.52 | 920.53 | 317243 | **SUB** | 1.7 | 173.05 | 168050 | **DES** | 0 | 4007.99 | 8994670 | **TERR** | 144.1 | 10771.1 | 2004933 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.918 | 1389.87 | 648512 |
| 126 | 45900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.51 | 951.17 | 318194 | **SUB** | 1.637 | 166.83 | 168216 | **DES** | 0 | 0 | 8994670 | **TERR** | 50.412 | 12089.4 | 2017022 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.367 | 1008.97 | 649521 |
| 126 | 46000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.49 | 908.36 | 319103 | **SUB** | 1.575 | 160.58 | 168377 | **DES** | 0 | 182.05 | 8994852 | **TERR** | 55.085 | 2068.42 | 2019090 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.3 | 723.7 | 650245 |
| 126 | 46100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.46 | 948.72 | 320051 | **SUB** | 1.512 | 154.35 | 168531 | **DES** | 0 | 0 | 8994852 | **TERR** | 41.027 | 6715.85 | 2025806 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.104 | 790.34 | 651035 |
| 126 | 46200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.43 | 753.65 | 320805 | **SUB** | 1.451 | 148.16 | 168679 | **DES** | 73.674 | 4418.52 | 8999271 | **TERR** | 0.152 | 1127.08 | 2026933 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.834 | 1056.8 | 652092 |
| 126 | 46300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.13 | 614.8 | 321420 | **SUB** | 1.388 | 141.96 | 168821 | **DES** | 433.449 | 28722.2 | 9027993 | **TERR** | 0 | 0.76 | 2026934 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 17.973 | 1454.03 | 653546 |
| 126 | 46400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.12 | 612.59 | 322032 | **SUB** | 1.327 | 135.8 | 168957 | **DES** | 333.943 | 43947 | 9071940 | **TERR** | 0 | 0 | 2026934 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 15.888 | 1760.25 | 655306 |
| 126 | 46500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.12 | 611.83 | 322644 | **SUB** | 1.264 | 129.57 | 169087 | **DES** | 33.652 | 14053.5 | 9085993 | **TERR** | 0 | 0 | 2026934 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 8.514 | 1157.95 | 656464 |
| 126 | 46600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.11 | 611.04 | 323255 | **SUB** | 1.204 | 123.42 | 169210 | **DES** | 89.968 | 5305.82 | 9091299 | **TERR** | 0 | 0 | 2026934 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.184 | 907.68 | 657372 |
| 126 | 46700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.1 | 610.29 | 323865 | **SUB** | 1.143 | 117.28 | 169327 | **DES** | 56.708 | 17760.2 | 9109060 | **TERR** | 0 | 0 | 2026934 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.235 | 1186.57 | 658559 |
| 126 | 46800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.4 | 924.29 | 324790 | **SUB** | 1.08 | 111.13 | 169439 | **DES** | 0 | 283.54 | 9109343 | **TERR** | 312.82 | 14425.4 | 2041360 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 15.207 | 1082.84 | 659641 |
| 126 | 46900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.39 | 939.73 | 325730 | **SUB** | 1.018 | 104.98 | 169544 | **DES** | 0 | 0 | 9109343 | **TERR** | 30.682 | 28792.2 | 2070152 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.559 | 1462.14 | 661104 |
| 126 | 47000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.08 | 624.56 | 326354 | **SUB** | 0.956 | 98.8 | 169642 | **DES** | 338.329 | 25497.9 | 9134841 | **TERR** | 0 | 153.41 | 2070305 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 15.549 | 1364.32 | 662468 |
| 126 | 47100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.07 | 607.26 | 326961 | **SUB** | 0.896 | 92.69 | 169735 | **DES** | 433.2 | 45419.7 | 9180261 | **TERR** | 0 | 0 | 2070305 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 16.91 | 1721.06 | 664189 |
| 126 | 47200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.06 | 606.51 | 327568 | **SUB** | 0.835 | 86.61 | 169822 | **DES** | 223.814 | 32001 | 9212262 | **TERR** | 0 | 0 | 2070305 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 12.869 | 1502.39 | 665691 |
| 126 | 47300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 7.53 | 613.12 | 328181 | **SUB** | 0.774 | 80.49 | 169902 | **DES** | 1.175 | 11889.9 | 9224152 | **TERR** | 0.136 | 0.68 | 2070306 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.934 | 1047.99 | 666739 |
| 126 | 47400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.33 | 923.16 | 329104 | **SUB** | 0.714 | 74.4 | 169977 | **DES** | 0 | 7.39 | 9224159 | **TERR** | 117.29 | 4520.62 | 2074826 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.027 | 706.97 | 667446 |
| 126 | 47500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.32 | 932.86 | 330037 | **SUB** | 0.652 | 68.25 | 170045 | **DES** | 0 | 0 | 9224159 | **TERR** | 143.58 | 13672.3 | 2088499 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.898 | 1067.73 | 668514 |
| 126 | 47600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.31 | 931.7 | 330969 | **SUB** | 0.591 | 62.18 | 170107 | **DES** | 0 | 0 | 9224159 | **TERR** | 135.84 | 13786.5 | 2102285 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.648 | 1071.43 | 669585 |
| 126 | 47700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.3 | 930.58 | 331899 | **SUB** | 0.531 | 56.14 | 170163 | **DES** | 0 | 0 | 9224159 | **TERR** | 133.68 | 14003.9 | 2116289 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.327 | 1070.94 | 670656 |
| 126 | 47800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.29 | 929.46 | 332829 | **SUB** | 0.47 | 50.05 | 170213 | **DES** | 0 | 0 | 9224159 | **TERR** | 45.816 | 8428.87 | 2124718 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.142 | 874.34 | 671531 |
| 126 | 47900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.26 | 928.25 | 333757 | **SUB** | 0.41 | 43.98 | 170257 | **DES** | 0 | 0 | 9224159 | **TERR** | 11.194 | 2535.5 | 2127253 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.22 | 605.65 | 672136 |
| 126 | 48000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6 | 701.12 | 334458 | **SUB** | 0.348 | 37.91 | 170295 | **DES** | 64.704 | 2618.03 | 9226777 | **TERR** | 0 | 203.74 | 2127457 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.417 | 760.16 | 672897 |
| 126 | 48100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 5.99 | 599.6 | 335058 | **SUB** | 0.289 | 31.87 | 170327 | **DES** | 87.286 | 8306 | 9235083 | **TERR** | 0 | 0 | 2127457 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.073 | 994.78 | 673891 |
| 126 | 48200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 5.99 | 598.83 | 335657 | **SUB** | 0.228 | 25.86 | 170353 | **DES** | 103.579 | 8698.01 | 9243781 | **TERR** | 0 | 0 | 2127457 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.477 | 1005.15 | 674896 |
| 126 | 48300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 5.98 | 598.1 | 336255 | **SUB** | 0.168 | 19.82 | 170373 | **DES** | 209.815 | 14629.9 | 9258411 | **TERR** | 0 | 0 | 2127457 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 12.974 | 1156.32 | 676053 |
| 126 | 48400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 5.97 | 597.34 | 336852 | **SUB** | 0.109 | 13.79 | 170386 | **DES** | 267.074 | 24337.1 | 9282748 | **TERR** | 0 | 0 | 2127457 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 14.26 | 1369.62 | 677422 |
| 126 | 48500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 5.96 | 596.58 | 337449 | **SUB** | 0.047 | 7.75 | 170394 | **DES** | 362.461 | 32480.5 | 9315229 | **TERR** | 0 | 0 | 2127457 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 16.593 | 1548.71 | 678971 |
| 126 | 48600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 609.5 | 338058 | **SUB** | 4.399 | 111.83 | 170506 | **DES** | 150.336 | 26088 | 9341317 | **TERR** | 0 | 0 | 2127457 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 12.073 | 1420.46 | 680392 |
| 126 | 48700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.9 | 338707 | **SUB** | 4.4 | 439.99 | 170946 | **DES** | 186.47 | 13858.4 | 9355175 | **TERR** | 0 | 0 | 2127457 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 12.819 | 1175.77 | 681567 |
| 126 | 48800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.91 | 339356 | **SUB** | 4.399 | 439.98 | 171386 | **DES** | 210.076 | 23352.6 | 9378527 | **TERR** | 0 | 0 | 2127457 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 13.291 | 1379.52 | 682947 |
| 126 | 48900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 829.01 | 340185 | **SUB** | 4.401 | 439.98 | 171826 | **DES** | 0 | 5076.05 | 9383604 | **TERR** | 76.73 | 2012.58 | 2129470 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 8.759 | 897.21 | 683844 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 49000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.96 | 341185 | SUB | 4.399 | 439.95 | 172266 | DES | 0 | 0 | 9383604 | TERR | 163 | 11722.9 | 2141193 | SANEO | 0 | 0 | 436839 | VEGETAL | 11.723 | 1017.69 | 684862 |
| 126 | 49100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.93 | 342185 | SUB | 4.399 | 439.99 | 172706 | DES | 0 | 0 | 9383604 | TERR | 297.57 | 22175.2 | 2163368 | SANEO | 0 | 0 | 436839 | VEGETAL | 15.313 | 1337.2 | 686199 |
| 126 | 49200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.93 | 343185 | SUB | 4.4 | 439.99 | 173146 | DES | 0 | 0 | 9383604 | TERR | 281.74 | 33562.5 | 2196930 | SANEO | 0 | 0 | 436839 | VEGETAL | 14.745 | 1617.58 | 687817 |
| 126 | 49300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 909.83 | 344095 | SUB | 4.399 | 439.98 | 173586 | DES | 597.788 | 6628.57 | 9390232 | TERR | 0 | 11592 | 2208522 | SANEO | 0 | 0 | 436839 | VEGETAL | 19.209 | 1185.54 | 689002 |
| 126 | 49400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.91 | 344743 | SUB | 4.401 | 439.98 | 174026 | DES | 360.673 | 55875.1 | 9446107 | TERR | 0 | 0 | 2208522 | SANEO | 0 | 0 | 436839 | VEGETAL | 16.242 | 1914.07 | 690916 |
| 126 | 49500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.9 | 345392 | SUB | 4.399 | 439.95 | 174466 | DES | 76.57 | 16906.4 | 9463014 | TERR | 0 | 0 | 2208522 | SANEO | 0 | 0 | 436839 | VEGETAL | 10.025 | 1224.22 | 692140 |
| 126 | 49600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 801.56 | 346194 | SUB | 4.399 | 439.99 | 174906 | DES | 0 | 2406.42 | 9465420 | TERR | 24.349 | 747.5 | 2209270 | SANEO | 0 | 0 | 436839 | VEGETAL | 6.327 | 811.52 | 692952 |
| 126 | 49700 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 794.91 | 346989 | SUB | 4.4 | 439.99 | 175346 | DES | 141.1 | 2612.99 | 9468033 | TERR | 0 | 1458.4 | 2210728 | SANEO | 0 | 0 | 436839 | VEGETAL | 11.678 | 891.97 | 693844 |
| 126 | 49800 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.37 | 642.23 | 347631 | SUB | 4.4 | 439.98 | 175786 | DES | 1894.46 | 89558.3 | 9557591 | TERR | 0 | 0 | 2210728 | SANEO | 0 | 0 | 436839 | VEGETAL | 33.843 | 2290.43 | 696134 |
| 126 | 49900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.43 | 640.01 | 348271 | SUB | 4.398 | 439.96 | 176226 | DES | 836.705 | 123912 | 9681503 | TERR | 0 | 0 | 2210728 | SANEO | 0 | 0 | 436839 | VEGETAL | 26.943 | 3146.9 | 699281 |
| 126 | 50000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 644.25 | 348915 | SUB | 4.4 | 439.98 | 176666 | DES | 64.113 | 54420.1 | 9735923 | TERR | 0 | 0 | 2210728 | SANEO | 0 | 0 | 436839 | VEGETAL | 9.651 | 1957.96 | 701239 |
| 126 | 50100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 758.26 | 349674 | SUB | 4.4 | 439.96 | 177106 | DES | 0.09 | 2505.48 | 9738429 | TERR | 23.545 | 299.51 | 2211028 | SANEO | 0 | 0 | 436839 | VEGETAL | 7.305 | 812.13 | 702051 |
| 126 | 50200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 736.02 | 350410 | SUB | 4.4 | 439.96 | 177546 | DES | 255.889 | 9930.34 | 9748359 | TERR | 0 | 343.72 | 2211371 | SANEO | 0 | 0 | 436839 | VEGETAL | 14.159 | 996.4 | 703048 |
| 126 | 50300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.43 | 643.8 | 351053 | SUB | 4.4 | 439.96 | 177986 | DES | 785.787 | 58436.7 | 9806796 | TERR | 0 | 0 | 2211371 | SANEO | 0 | 0 | 436839 | VEGETAL | 23.944 | 1996.04 | 705044 |
| 126 | 50400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 645.61 | 351699 | SUB | 4.4 | 439.96 | 178426 | DES | 155.587 | 47567.3 | 9854363 | TERR | 0 | 0 | 2211371 | SANEO | 0 | 0 | 436839 | VEGETAL | 12.076 | 1840.86 | 706885 |
| 126 | 50500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 889.58 | 352589 | SUB | 4.4 | 439.96 | 178866 | DES | 0 | 1783.97 | 9856147 | TERR | 171.09 | 5460.01 | 2216831 | SANEO | 0 | 0 | 436839 | VEGETAL | 11.26 | 1170.9 | 708055 |
| 126 | 50600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.93 | 353588 | SUB | 4.4 | 439.96 | 179305 | DES | 0 | 0 | 9856147 | TERR | 254.41 | 25206.9 | 2242038 | SANEO | 0 | 0 | 436839 | VEGETAL | 14.657 | 1387.09 | 709443 |
| 126 | 50700 | EXC-TUN | 0 | 0 | 785067.1 | CF | 8.63 | 983.28 | 354572 | SUB | 4.4 | 439.96 | 179745 | DES | 5.908 | 99.63 | 9856247 | TERR | 12.777 | 14665.1 | 2256703 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.605 | 1157.8 | 710600 |
| 126 | 50800 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 991.25 | 355563 | SUB | 4.4 | 439.96 | 180185 | DES | 0 | 30.58 | 9856277 | TERR | 164.98 | 18183.2 | 2274887 | SANEO | 0 | 0 | 436839 | VEGETAL | 11.481 | 1239.22 | 711840 |
| 126 | 50900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 921.83 | 356485 | SUB | 4.4 | 439.96 | 180625 | DES | 160.75 | 1845.66 | 9858123 | TERR | 0 | 7438.2 | 2282325 | SANEO | 0 | 0 | 436839 | VEGETAL | 14.846 | 973.83 | 712813 |
| 126 | 51000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.43 | 643.79 | 357129 | SUB | 4.4 | 439.97 | 181065 | DES | 1276.21 | 84282.3 | 9942405 | TERR | 0 | 0 | 2282325 | SANEO | 0 | 0 | 436839 | VEGETAL | 27.347 | 2369.95 | 715183 |
| 126 | 51100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.43 | 642.89 | 357772 | SUB | 4.399 | 439.96 | 181505 | DES | 573.675 | 86835.8 | 1E+07 | TERR | 0 | 0 | 2282325 | SANEO | 0 | 0 | 436839 | VEGETAL | 19.597 | 2337.04 | 717520 |
| 126 | 51200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 646.81 | 358418 | SUB | 4.4 | 439.96 | 181945 | DES | 135.417 | 36620.2 | 1E+07 | TERR | 0 | 0 | 2282325 | SANEO | 0 | 0 | 436839 | VEGETAL | 12.429 | 1627.44 | 719148 |
| 126 | 51300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.92 | 359067 | SUB | 4.399 | 439.96 | 182385 | DES | 304.634 | 20145.4 | 1E+07 | TERR | 0 | 0 | 2282325 | SANEO | 0 | 0 | 436839 | VEGETAL | 15.128 | 1314.04 | 720462 |
| 126 | 51400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.94 | 359716 | SUB | 4.4 | 439.97 | 182825 | DES | 686.36 | 46529.6 | 1E+07 | TERR | 0 | 0 | 2282325 | SANEO | 0 | 0 | 436839 | VEGETAL | 21.385 | 1809.15 | 722271 |
| 126 | 51500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.9 | 360365 | SUB | 4.398 | 440 | 183265 | DES | 1054.87 | 88156.6 | 1E+07 | TERR | 0 | 0 | 2282325 | SANEO | 0 | 0 | 436839 | VEGETAL | 25.661 | 2378.5 | 724650 |
| 126 | 51600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.92 | 361014 | SUB | 4.399 | 439.95 | 183705 | DES | 1162.55 | 115390 | 1E+07 | TERR | 0 | 0 | 2282325 | SANEO | 0 | 0 | 436839 | VEGETAL | 26.552 | 2659.33 | 727309 |
| 126 | 51700 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.96 | 361663 | SUB | 4.399 | 439.89 | 184145 | DES | 849.891 | 100586 | 1E+07 | TERR | 0 | 0 | 2282325 | SANEO | 0 | 0 | 436839 | VEGETAL | 23.268 | 2500.7 | 729810 |
| 126 | 51800 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.96 | 362312 | SUB | 4.399 | 439.89 | 184585 | DES | 276.443 | 75679.8 | 1.1E+07 | TERR | 0 | 0 | 2282325 | SANEO | 0 | 0 | 436839 | VEGETAL | 13.886 | 2123.33 | 731933 |
| 126 | 51900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 845.86 | 363158 | SUB | 4.399 | 439.89 | 185025 | DES | 0 | 4846.85 | 1.1E+07 | TERR | 163.77 | 4444.15 | 2286769 | SANEO | 0 | 0 | 436839 | VEGETAL | 11.688 | 956.14 | 732889 |
| 126 | 52000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.99 | 364158 | SUB | 4.399 | 439.89 | 185465 | DES | 0 | 0 | 1.1E+07 | TERR | 320.9 | 26722.4 | 2313491 | SANEO | 0 | 0 | 436839 | VEGETAL | 15.83 | 1437.66 | 734327 |
| 126 | 52100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.96 | 365158 | SUB | 4.4 | 439.92 | 185905 | DES | 0 | 0 | 1.1E+07 | TERR | 212.04 | 29968 | 2343459 | SANEO | 0 | 0 | 436839 | VEGETAL | 13.037 | 1526.63 | 735853 |
| 126 | 52200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.9 | 366158 | SUB | 4.4 | 439.98 | 186345 | DES | 0 | 0 | 1.1E+07 | TERR | 105.47 | 14960 | 2358419 | SANEO | 0 | 0 | 436839 | VEGETAL | 9.861 | 1119.47 | 736973 |
| 126 | 52300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.93 | 367158 | SUB | 4.4 | 439.99 | 186785 | DES | 0 | 0 | 1.1E+07 | TERR | 134.34 | 12176.9 | 2370596 | SANEO | 0 | 0 | 436839 | VEGETAL | 10.543 | 1033.34 | 738006 |
| 126 | 52400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.93 | 368158 | SUB | 4.4 | 439.99 | 187225 | DES | 0 | 0 | 1.1E+07 | TERR | 78.008 | 6693.12 | 2377289 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.757 | 826.79 | 738833 |
| 126 | 52500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.92 | 369157 | SUB | 4.4 | 439.98 | 187665 | DES | 0 | 0 | 1.1E+07 | TERR | 74.589 | 8954.8 | 2386244 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.603 | 920.25 | 739753 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 52600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.92 | 370157 | **SUB** | 4.4 | 439.97 | 188105 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 145.86 | 11255.1 | 2397499 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.966 | 990.47 | 740744 |
| 126 | 52700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.94 | 371157 | **SUB** | 4.398 | 439.96 | 188545 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 161.6 | 15310 | 2412809 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.327 | 1117.71 | 741861 |
| 126 | 52800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.92 | 372157 | **SUB** | 4.4 | 439.98 | 188984 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 121.2 | 15343.6 | 2428153 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.464 | 1107.49 | 742969 |
| 126 | 52900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 912.16 | 373069 | **SUB** | 4.399 | 439.99 | 189424 | **DES** | 86.56 | 1587.91 | 1.1E+07 | **TERR** | 0 | 6736.36 | 2434889 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.304 | 940.67 | 743909 |
| 126 | 53000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.91 | 373718 | **SUB** | 4.401 | 439.99 | 189864 | **DES** | 8.938 | 6202.2 | 1.1E+07 | **TERR** | 0 | 0 | 2434889 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.797 | 956.94 | 744866 |
| 126 | 53100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 982.4 | 374701 | **SUB** | 4.4 | 439.98 | 190304 | **DES** | 0 | 44.69 | 1.1E+07 | **TERR** | 52.479 | 4697 | 2439586 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.656 | 748.99 | 745615 |
| 126 | 53200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.93 | 375701 | **SUB** | 4.4 | 439.99 | 190744 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 93.952 | 7989.81 | 2447576 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.354 | 886.66 | 746502 |
| 126 | 53300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.92 | 376701 | **SUB** | 4.4 | 439.99 | 191184 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 83.01 | 8736.84 | 2456313 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 8.93 | 910.19 | 747412 |
| 126 | 53400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.93 | 377700 | **SUB** | 4.399 | 440 | 191624 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 83.565 | 7967.41 | 2464280 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 8.945 | 879.51 | 748292 |
| 126 | 53500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.95 | 378700 | **SUB** | 4.401 | 439.98 | 192064 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 35.958 | 6070.87 | 2470351 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.869 | 799.22 | 749091 |
| 126 | 53600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.94 | 379700 | **SUB** | 4.4 | 439.98 | 192504 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 12.145 | 2628.57 | 2472980 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.566 | 635.83 | 749727 |
| 126 | 53700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 839.83 | 380540 | **SUB** | 4.4 | 439.99 | 192944 | **DES** | 15.658 | 425.75 | 1.1E+07 | **TERR** | 0 | 460 | 2473440 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 8.103 | 676.55 | 750403 |
| 126 | 53800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.92 | 381189 | **SUB** | 4.4 | 439.99 | 193384 | **DES** | 69.359 | 4219.03 | 1.1E+07 | **TERR** | 0 | 0 | 2473440 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.822 | 897.39 | 751301 |
| 126 | 53900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.9 | 381838 | **SUB** | 4.4 | 439.96 | 193824 | **DES** | 264.146 | 14458.4 | 1.1E+07 | **TERR** | 0 | 0 | 2473440 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 14.325 | 1165.2 | 752466 |
| 126 | 54000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.89 | 382487 | **SUB** | 4.4 | 439.97 | 194264 | **DES** | 331.279 | 32002.7 | 1.1E+07 | **TERR** | 0 | 0 | 2473440 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 15.581 | 1536.92 | 754003 |
| 126 | 54100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.87 | 383136 | **SUB** | 4.4 | 439.99 | 194704 | **DES** | 157.484 | 27504.5 | 1.1E+07 | **TERR** | 0 | 0 | 2473440 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 12.139 | 1458.76 | 755462 |
| 126 | 54200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.92 | 383785 | **SUB** | 4.4 | 439.99 | 195144 | **DES** | 64.671 | 10347.4 | 1.1E+07 | **TERR** | 0 | 0 | 2473440 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.693 | 1072.62 | 756534 |
| 126 | 54300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.91 | 384434 | **SUB** | 4.399 | 439.99 | 195584 | **DES** | 41.939 | 5117.19 | 1.1E+07 | **TERR** | 0 | 0 | 2473440 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.006 | 928.57 | 757463 |
| 126 | 54400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 675.06 | 385109 | **SUB** | 4.401 | 439.98 | 196024 | **DES** | 40.151 | 2309.92 | 1.1E+07 | **TERR** | 0 | 10.33 | 2473450 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.001 | 828.82 | 758292 |
| 126 | 54500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 648.27 | 385757 | **SUB** | 4.398 | 439.98 | 196464 | **DES** | 572.091 | 30972.9 | 1.1E+07 | **TERR** | 0 | 0 | 2473450 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 19.815 | 1490.71 | 759782 |
| 126 | 54600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.86 | 386394 | **SUB** | 4.399 | 439.97 | 196904 | **DES** | 751.551 | 64210.6 | 1.1E+07 | **TERR** | 0 | 0 | 2473450 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 22.169 | 2075.1 | 761857 |
| 126 | 54700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.82 | 387031 | **SUB** | 4.399 | 440 | 197344 | **DES** | 976.969 | 85729.5 | 1.1E+07 | **TERR** | 0 | 0 | 2473450 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 24.835 | 2343.45 | 764201 |
| 126 | 54800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.84 | 387667 | **SUB** | 4.401 | 439.97 | 197784 | **DES** | 1148.71 | 108066 | 1.1E+07 | **TERR** | 0 | 0 | 2473450 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 26.705 | 2592.65 | 766794 |
| 126 | 54900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.85 | 388304 | **SUB** | 4.399 | 439.96 | 198224 | **DES** | 1369.44 | 124593 | 1.1E+07 | **TERR** | 0 | 0 | 2473450 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 28.851 | 2769.08 | 769563 |
| 126 | 55000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.84 | 388941 | **SUB** | 4.4 | 440 | 198664 | **DES** | 1639.92 | 150393 | 1.1E+07 | **TERR** | 0 | 0 | 2473450 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 31.263 | 3004.54 | 772567 |
| 126 | 55100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.37 | 636.83 | 389578 | **SUB** | 4.399 | 439.98 | 199104 | **DES** | 1808.52 | 175848 | 1.1E+07 | **TERR** | 0 | 0 | 2473450 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 32.729 | 3226.39 | 775794 |
| 126 | 55200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 638.64 | 390217 | **SUB** | 4.399 | 440 | 199544 | **DES** | 340.658 | 117527 | 1.1E+07 | **TERR** | 0 | 0 | 2473450 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 16.415 | 2648.22 | 778442 |
| 126 | 55300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 735.75 | 390952 | **SUB** | 4.401 | 439.97 | 199984 | **DES** | 0 | 11274.8 | 1.1E+07 | **TERR** | 11.273 | 137.22 | 2473587 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.514 | 1032.19 | 779474 |
| 126 | 55400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.97 | 391952 | **SUB** | 4.399 | 439.96 | 200424 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 48.217 | 3875.88 | 2477463 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.463 | 697.64 | 780172 |
| 126 | 55500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.93 | 392952 | **SUB** | 4.4 | 440 | 200864 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 22.528 | 4175.11 | 2481638 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.166 | 714.24 | 780886 |
| 126 | 55600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 955.07 | 393907 | **SUB** | 4.399 | 439.98 | 201304 | **DES** | 0 | 64.27 | 1.1E+07 | **TERR** | 16.792 | 763.16 | 2482401 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 5.847 | 600.04 | 781486 |
| 126 | 55700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.92 | 394907 | **SUB** | 4.4 | 440 | 201744 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 336.37 | 16476.5 | 2498878 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 16.024 | 1128.9 | 782615 |
| 126 | 55800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.94 | 395907 | **SUB** | 4.4 | 439.97 | 202184 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 352.34 | 37409.8 | 2536288 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 16.379 | 1681.21 | 784296 |
| 126 | 55900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.92 | 396907 | **SUB** | 4.399 | 439.99 | 202624 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 159.18 | 23361.6 | 2559649 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.525 | 1349.51 | 785646 |
| 126 | 56000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.92 | 397907 | **SUB** | 4.4 | 439.98 | 203064 | **DES** | 0 | 0 | 1.1E+07 | **TERR** | 147.25 | 14984.9 | 2574634 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.151 | 1123.79 | 786769 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 56100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.91 | 398907 | SUB | 4.4 | 439.98 | 203504 | DES | 0 | 0 | 1.1E+07 | TERR | 127.39 | 14220.9 | 2588855 | SANEO | 0 | 0 | 436839 | VEGETAL | 10.513 | 1098.9 | 787868 |
| 126 | 56200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.95 | 399907 | SUB | 4.4 | 439.99 | 203944 | DES | 0 | 0 | 1.1E+07 | TERR | 61.14 | 9253.09 | 2598108 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.036 | 925.31 | 788793 |
| 126 | 56300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.94 | 400907 | SUB | 4.399 | 439.96 | 204384 | DES | 0 | 0 | 1.1E+07 | TERR | 15.614 | 3595.69 | 2601704 | SANEO | 0 | 0 | 436839 | VEGETAL | 5.777 | 684.26 | 789478 |
| 126 | 56400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.51 | 927.18 | 401834 | SUB | 4.401 | 439.97 | 204824 | DES | 0.391 | 92.24 | 1.1E+07 | TERR | 2.919 | 562.82 | 2602267 | SANEO | 0 | 0 | 436839 | VEGETAL | 6.82 | 626.08 | 790104 |
| 126 | 56500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.93 | 988.53 | 402823 | SUB | 4.4 | 439.99 | 205264 | DES | 0.09 | 9.93 | 1.1E+07 | TERR | 5.523 | 441.73 | 2602708 | SANEO | 0 | 0 | 436839 | VEGETAL | 5.932 | 586.19 | 790690 |
| 126 | 56600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.25 | 403822 | SUB | 4.4 | 439.97 | 205704 | DES | 0 | 1.82 | 1.1E+07 | TERR | 22.811 | 1286.3 | 2603995 | SANEO | 0 | 0 | 436839 | VEGETAL | 6.182 | 578.51 | 791269 |
| 126 | 56700 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.96 | 404822 | SUB | 4.4 | 439.96 | 206144 | DES | 0 | 0 | 1.1E+07 | TERR | 57.713 | 3521.8 | 2607516 | SANEO | 0 | 0 | 436839 | VEGETAL | 7.878 | 689.86 | 791958 |
| 126 | 56800 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.92 | 405822 | SUB | 4.399 | 439.98 | 206584 | DES | 0 | 0 | 1.1E+07 | TERR | 22.242 | 3764.51 | 2611281 | SANEO | 0 | 0 | 436839 | VEGETAL | 6.165 | 702.52 | 792661 |
| 126 | 56900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 716.81 | 406538 | SUB | 4.399 | 439.98 | 207024 | DES | 118.851 | 3812.05 | 1.1E+07 | TERR | 0 | 249.23 | 2611530 | SANEO | 0 | 0 | 436839 | VEGETAL | 10.894 | 853.84 | 793515 |
| 126 | 57000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.94 | 407187 | SUB | 4.4 | 439.96 | 207464 | DES | 55.639 | 9339.33 | 1.2E+07 | TERR | 0 | 0 | 2611530 | SANEO | 0 | 0 | 436839 | VEGETAL | 9.415 | 1046 | 794561 |
| 126 | 57100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.83 | 650.67 | 407838 | SUB | 4.4 | 439.97 | 207904 | DES | 3.808 | 2627.05 | 1.2E+07 | TERR | 0 | 0 | 2611530 | SANEO | 0 | 0 | 436839 | VEGETAL | 7.533 | 843.93 | 795405 |
| 126 | 57200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 953.02 | 408791 | SUB | 4.4 | 439.96 | 208344 | DES | 0 | 38.97 | 1.2E+07 | TERR | 29.76 | 1009.62 | 2612540 | SANEO | 0 | 0 | 436839 | VEGETAL | 6.55 | 615.88 | 796021 |
| 126 | 57300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.92 | 409791 | SUB | 4.399 | 439.98 | 208784 | DES | 0 | 0 | 1.2E+07 | TERR | 39.795 | 3532.61 | 2616072 | SANEO | 0 | 0 | 436839 | VEGETAL | 7.059 | 683.63 | 796704 |
| 126 | 57400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.93 | 410791 | SUB | 4.399 | 439.98 | 209224 | DES | 0 | 0 | 1.2E+07 | TERR | 32.32 | 3699.34 | 2619772 | SANEO | 0 | 0 | 436839 | VEGETAL | 6.69 | 692.22 | 797396 |
| 126 | 57500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 1000.01 | 411791 | SUB | 4.4 | 439.93 | 209664 | DES | 0 | 0 | 1.2E+07 | TERR | 14.687 | 1949.01 | 2621721 | SANEO | 0 | 0 | 436839 | VEGETAL | 5.724 | 599.7 | 797996 |
| 126 | 58100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 1299.9 | 413091 | SUB | 4.4 | 571.98 | 210235 | DES | 0 | 0 | 1.2E+07 | TERR | 44.602 | 5258.87 | 2626980 | SANEO | 0 | 0 | 436839 | VEGETAL | 7.303 | 916.15 | 798912 |
| 126 | 58200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.93 | 414091 | SUB | 4.4 | 439.97 | 210675 | DES | 0 | 0 | 1.2E+07 | TERR | 54.467 | 5112.48 | 2632092 | SANEO | 0 | 0 | 436839 | VEGETAL | 7.74 | 761.71 | 799674 |
| 126 | 58300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.94 | 415091 | SUB | 4.4 | 439.97 | 211115 | DES | 0 | 0 | 1.2E+07 | TERR | 32.716 | 5499.23 | 2637591 | SANEO | 0 | 0 | 436839 | VEGETAL | 6.707 | 776.01 | 800450 |
| 126 | 58500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 1666.51 | 416757 | SUB | 4.4 | 879.96 | 211995 | DES | 72.303 | 6868.82 | 1.2E+07 | TERR | 0 | 2600.98 | 2640192 | SANEO | 0 | 0 | 436839 | VEGETAL | 9.906 | 1605.1 | 802055 |
| 126 | 58900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 3694.74 | 420452 | SUB | 4.399 | 1759.8 | 213755 | DES | 0 | 6600.58 | 1.2E+07 | TERR | 62.607 | 21447.9 | 2661640 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.094 | 3477.71 | 805533 |
| 126 | 59000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.94 | 421452 | SUB | 4.4 | 439.97 | 214195 | DES | 0 | 0 | 1.2E+07 | TERR | 11.825 | 2911.12 | 2664551 | SANEO | 0 | 0 | 436839 | VEGETAL | 5.548 | 656.8 | 806190 |
| 126 | 59100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.95 | 991.44 | 422443 | SUB | 4.4 | 439.98 | 214635 | DES | 0 | 5.73 | 1.2E+07 | TERR | 6.796 | 603.42 | 2665155 | SANEO | 0 | 0 | 436839 | VEGETAL | 5.23 | 568.19 | 806758 |
| 126 | 59200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 779.45 | 423223 | SUB | 4.4 | 439.97 | 215075 | DES | 31.604 | 1073.92 | 1.2E+07 | TERR | 0 | 206.91 | 2665362 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.67 | 716.64 | 807474 |
| 126 | 59300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.91 | 423872 | SUB | 4.4 | 439.96 | 215515 | DES | 50.956 | 4085.93 | 1.2E+07 | TERR | 0 | 0 | 2665362 | SANEO | 0 | 0 | 436839 | VEGETAL | 9.213 | 895.03 | 808369 |
| 126 | 59400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.91 | 424521 | SUB | 4.399 | 439.97 | 215955 | DES | 50.357 | 5307.11 | 1.2E+07 | TERR | 0 | 0 | 2665362 | SANEO | 0 | 0 | 436839 | VEGETAL | 9.261 | 933.31 | 809303 |
| 126 | 59500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.89 | 425169 | SUB | 4.4 | 439.97 | 216395 | DES | 33.351 | 4678.67 | 1.2E+07 | TERR | 0 | 0 | 2665362 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.724 | 914.97 | 810218 |
| 126 | 59600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.91 | 425818 | SUB | 4.4 | 439.98 | 216835 | DES | 32.31 | 3392.64 | 1.2E+07 | TERR | 0 | 0 | 2665362 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.69 | 874.15 | 811092 |
| 126 | 59700 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.9 | 426467 | SUB | 4.4 | 439.97 | 217275 | DES | 27.474 | 2632.48 | 1.2E+07 | TERR | 0 | 0 | 2665362 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.53 | 849.19 | 811941 |
| 126 | 59800 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.49 | 648.91 | 427116 | SUB | 4.4 | 439.96 | 217715 | DES | 33.868 | 2345.67 | 1.2E+07 | TERR | 0 | 0 | 2665362 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.529 | 839.15 | 812780 |
| 126 | 59900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.94 | 666.16 | 427782 | SUB | 4.399 | 439.97 | 218155 | DES | 0.103 | 2352.17 | 1.2E+07 | TERR | 4.871 | 24.36 | 2665386 | SANEO | 0 | 0 | 436839 | VEGETAL | 6.118 | 820.82 | 813601 |
| 126 | 60000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 7.51 | 714.49 | 428497 | SUB | 4.4 | 439.97 | 218595 | DES | 2.158 | 349.68 | 1.2E+07 | TERR | 0.015 | 27.01 | 2665413 | SANEO | 0 | 0 | 436839 | VEGETAL | 7.417 | 744.11 | 814345 |
| 126 | 60100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.89 | 904.33 | 429401 | SUB | 4.4 | 439.98 | 219035 | DES | 0.148 | 69.7 | 1.2E+07 | TERR | 2.597 | 258.15 | 2665671 | SANEO | 0 | 0 | 436839 | VEGETAL | 6.191 | 645.29 | 814990 |
| 126 | 60200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 989.5 | 430391 | SUB | 4.4 | 439.98 | 219475 | DES | 0 | 5.29 | 1.2E+07 | TERR | 30.462 | 1631.65 | 2667303 | SANEO | 0 | 0 | 436839 | VEGETAL | 6.59 | 615.28 | 815606 |
| 126 | 60300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.91 | 431391 | SUB | 4.399 | 439.99 | 219915 | DES | 0 | 0 | 1.2E+07 | TERR | 44.882 | 3749 | 2671052 | SANEO | 0 | 0 | 436839 | VEGETAL | 7.303 | 692.85 | 816299 |
| 126 | 60400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.93 | 432391 | SUB | 4.4 | 439.98 | 220355 | DES | 0 | 0 | 1.2E+07 | TERR | 65.925 | 4794.22 | 2675846 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.028 | 745.05 | 817044 |
| 126 | 60500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 10 | 999.94 | 433390 | SUB | 4.4 | 439.96 | 220795 | DES | 0 | 0 | 1.2E+07 | TERR | 77.439 | 7472.85 | 2683319 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.706 | 857.29 | 817901 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 60600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.29 | 991.95 | 434382 | **SUB** | 4.399 | 439.99 | 221235 | **DES** | 0.809 | 7.12 | 1.2E+07 | **TERR** | 2.626 | 4166.26 | 2687485 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.333 | 724.52 | 818625 |
| 126 | 60700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.6 | 785.76 | 435168 | **SUB** | 4.399 | 439.98 | 221675 | **DES** | 0.338 | 370.76 | 1.2E+07 | **TERR** | 4.587 | 65 | 2687550 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.379 | 706.21 | 819332 |
| 126 | 60800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 940.14 | 436108 | **SUB** | 4.401 | 439.98 | 222115 | **DES** | 32.842 | 232.17 | 1.2E+07 | **TERR** | 0 | 1072.37 | 2688623 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 8.679 | 624.77 | 819956 |
| 126 | 60900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.94 | 436757 | **SUB** | 4.4 | 439.97 | 222555 | **DES** | 198.255 | 18576.3 | 1.2E+07 | **TERR** | 0 | 0 | 2688623 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 12.978 | 1229.78 | 821186 |
| 126 | 61000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.91 | 437406 | **SUB** | 4.399 | 440.01 | 222995 | **DES** | 436.63 | 32511.1 | 1.2E+07 | **TERR** | 0 | 0 | 2688623 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 16.857 | 1516.35 | 822703 |
| 126 | 61100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.94 | 438055 | **SUB** | 4.401 | 439.98 | 223435 | **DES** | 404.843 | 40224.8 | 1.2E+07 | **TERR** | 0 | 0 | 2688623 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 17.234 | 1677.87 | 824380 |
| 126 | 61200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.49 | 648.94 | 438704 | **SUB** | 4.4 | 439.99 | 223875 | **DES** | 340.701 | 40052 | 1.2E+07 | **TERR** | 0 | 0 | 2688623 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 14.521 | 1659.46 | 826040 |
| 126 | 61300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 793.82 | 439498 | **SUB** | 4.4 | 440.01 | 224315 | **DES** | 0 | 9828.7 | 1.2E+07 | **TERR** | 88.005 | 1816.35 | 2690439 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.12 | 997.26 | 827037 |
| 126 | 61400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 10 | 999.93 | 440498 | **SUB** | 4.4 | 439.98 | 224755 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 150.49 | 13497.6 | 2703936 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.251 | 1072.87 | 828110 |
| 126 | 61500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.79 | 989.44 | 441487 | **SUB** | 4.294 | 434.72 | 225189 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 148.59 | 14914.7 | 2718851 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.146 | 1118.75 | 829229 |
| 126 | 61600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 968.4 | 442456 | **SUB** | 4.19 | 424.2 | 225614 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 138.56 | 14390.4 | 2733242 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.801 | 1098.52 | 830327 |
| 126 | 61700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.9 | 443414 | **SUB** | 4.189 | 418.97 | 226033 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 132.42 | 13395.2 | 2746637 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.585 | 1063.45 | 831391 |
| 126 | 61800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.95 | 444372 | **SUB** | 4.19 | 418.94 | 226452 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 119.22 | 12874.9 | 2759512 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 10.144 | 1045.72 | 832436 |
| 126 | 61900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.92 | 445329 | **SUB** | 4.189 | 418.95 | 226870 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 42.279 | 9550.75 | 2769062 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.067 | 924.47 | 833361 |
| 126 | 62000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.93 | 446287 | **SUB** | 4.19 | 418.94 | 227289 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 25.112 | 2078.02 | 2771140 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.158 | 594.01 | 833955 |
| 126 | 62100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.93 | 447245 | **SUB** | 4.189 | 418.95 | 227708 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 35.105 | 3086.61 | 2774227 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.689 | 646.09 | 834601 |
| 126 | 62200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.91 | 448203 | **SUB** | 4.189 | 418.94 | 228127 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 37.115 | 3549.56 | 2777777 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.792 | 671.36 | 835272 |
| 126 | 62300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.95 | 449161 | **SUB** | 4.19 | 418.94 | 228546 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 59.071 | 4878.73 | 2782655 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.824 | 735.1 | 836008 |
| 126 | 62400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.92 | 450119 | **SUB** | 4.189 | 418.95 | 228965 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 91.076 | 6902.18 | 2789557 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 9.128 | 823.75 | 836831 |
| 126 | 62500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.93 | 451077 | **SUB** | 4.19 | 418.94 | 229384 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 149.13 | 13084.6 | 2802642 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.294 | 1052.51 | 837884 |
| 126 | 62600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.94 | 452035 | **SUB** | 4.189 | 418.95 | 229803 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 464.86 | 30409.1 | 2833051 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 18.562 | 1525.38 | 839409 |
| 126 | 62700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.92 | 452993 | **SUB** | 4.189 | 418.98 | 230222 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 590.93 | 53156.2 | 2886207 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 20.427 | 1896.4 | 841306 |
| 126 | 62800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.92 | 453951 | **SUB** | 4.19 | 418.97 | 230641 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 437.61 | 50805.7 | 2937013 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 18.181 | 1952.16 | 843258 |
| 126 | 62900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.89 | 454909 | **SUB** | 4.189 | 418.99 | 231060 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 153.24 | 30546.8 | 2967560 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 11.4 | 1531.7 | 844789 |
| 126 | 63000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 8.78 | 950.25 | 455859 | **SUB** | 4.19 | 418.98 | 231479 | **DES** | 2.913 | 23.33 | 1.2E+07 | **TERR** | 7.226 | 6259.54 | 2973819 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.956 | 820.26 | 845610 |
| 126 | 63100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 7.94 | 701.99 | 456561 | **SUB** | 4.189 | 418.99 | 231898 | **DES** | 9.009 | 1108.6 | 1.2E+07 | **TERR** | 0.9 | 95.65 | 2973915 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.974 | 729.04 | 846339 |
| 126 | 63200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.45 | 891.72 | 457453 | **SUB** | 4.19 | 418.96 | 232317 | **DES** | 0.362 | 324.79 | 1.2E+07 | **TERR** | 12.75 | 813.24 | 2974728 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.728 | 667 | 847006 |
| 126 | 63300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 902.66 | 458355 | **SUB** | 4.19 | 418.97 | 232736 | **DES** | 0 | 379.86 | 1.2E+07 | **TERR** | 52.366 | 1900.19 | 2976628 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 7.927 | 736.41 | 847742 |
| 126 | 63400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.92 | 459313 | **SUB** | 4.189 | 418.99 | 233155 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 383.13 | 22135.1 | 2998764 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 17.138 | 1297.14 | 849039 |
| 126 | 63500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.92 | 460271 | **SUB** | 4.189 | 418.99 | 233574 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 289.66 | 40241.3 | 3039005 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 15.037 | 1737.03 | 850776 |
| 126 | 63600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 957.92 | 461229 | **SUB** | 4.189 | 418.99 | 233993 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 40.336 | 15048.6 | 3054053 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 6.83 | 1102.64 | 851879 |
| 126 | 63700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 694.77 | 461924 | **SUB** | 4.189 | 418.99 | 234412 | **DES** | 363.05 | 12932.7 | 1.2E+07 | **TERR** | 0 | 448.22 | 3054502 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 16.832 | 1096.17 | 852975 |
| 126 | 63800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.09 | 610.63 | 462534 | **SUB** | 4.191 | 419 | 234831 | **DES** | 880.26 | 62962.2 | 1.2E+07 | **TERR** | 0 | 0 | 3054502 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 23.077 | 1969.93 | 854945 |
| 126 | 63900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 614.25 | 463149 | **SUB** | 4.189 | 418.98 | 235250 | **DES** | 1098.71 | 106235 | 1.2E+07 | **TERR** | 0 | 0 | 3054502 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 26.542 | 2572.64 | 857518 |
| 126 | 64000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 620.92 | 463770 | **SUB** | 4.189 | 418.97 | 235669 | **DES** | 254.737 | 70805.3 | 1.2E+07 | **TERR** | 0 | 0 | 3054502 | **SANEO** | 0 | 0 | 436839 | **VEGETAL** | 15.238 | 2234.91 | 859753 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 64100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 8.84 | 681.24 | 464451 | SUB | 4.19 | 418.99 | 236088 | DES | 0.574 | 7408.93 | 1.2E+07 | TERR | 61.293 | 608.44 | 3055110 | SANEO | 0 | 0 | 436839 | VEGETAL | 8.812 | 987.47 | 860740 |
| 126 | 64200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 903.78 | 465355 | SUB | 4.19 | 419.01 | 236507 | DES | 276.756 | 2537.04 | 1.2E+07 | TERR | 0 | 8049.75 | 3063160 | SANEO | 0 | 0 | 436839 | VEGETAL | 14.163 | 942.25 | 861682 |
| 126 | 64300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 637.72 | 465992 | SUB | 4.19 | 419.01 | 236926 | DES | 0 | 32577.1 | 1.2E+07 | TERR | 26.089 | 130.44 | 3063290 | SANEO | 0 | 0 | 436839 | VEGETAL | 6.22 | 1409.06 | 863091 |
| 126 | 64400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.09 | 838.13 | 466830 | SUB | 4.19 | 419 | 237345 | DES | 586.823 | 11997.1 | 1.2E+07 | TERR | 0 | 3239.58 | 3066530 | SANEO | 0 | 0 | 436839 | VEGETAL | 17.88 | 989.62 | 864081 |
| 126 | 64500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 611.21 | 467442 | SUB | 4.19 | 418.98 | 237764 | DES | 700.796 | 70156.8 | 1.2E+07 | TERR | 0 | 0 | 3066530 | SANEO | 0 | 0 | 436839 | VEGETAL | 21.407 | 2074.5 | 866156 |
| 126 | 64600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 620.93 | 468063 | SUB | 4.19 | 418.99 | 238183 | DES | 393.453 | 53683.4 | 1.2E+07 | TERR | 0 | 0 | 3066530 | SANEO | 0 | 0 | 436839 | VEGETAL | 17.971 | 1945.93 | 868101 |
| 126 | 64700 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 620.93 | 468684 | SUB | 4.19 | 418.99 | 238602 | DES | 216.35 | 32027.7 | 1.2E+07 | TERR | 0 | 0 | 3066530 | SANEO | 0 | 0 | 436839 | VEGETAL | 14.199 | 1612.02 | 869713 |
| 126 | 64800 | EXC-TUN | 0 | 0 | 785067.1 | CF | 8.21 | 656.31 | 469340 | SUB | 4.19 | 419 | 239021 | DES | 13.682 | 9458.7 | 1.2E+07 | TERR | 5.073 | 50.47 | 3066580 | SANEO | 18.523 | 353.29 | 437192 | VEGETAL | 15.567 | 1312.62 | 871026 |
| 126 | 64900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 930.82 | 470271 | SUB | 4.19 | 418.99 | 239440 | DES | 0 | 202.94 | 1.2E+07 | TERR | 67.001 | 3699.18 | 3070280 | SANEO | 40.949 | 3396.33 | 440588 | VEGETAL | 15.297 | 1478.61 | 872505 |
| 126 | 65000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.87 | 471229 | SUB | 4.19 | 418.99 | 239859 | DES | 0 | 0 | 1.2E+07 | TERR | 27.47 | 5021.99 | 3075302 | SANEO | 31.787 | 3730.9 | 444319 | VEGETAL | 11.712 | 1388.64 | 873893 |
| 126 | 65100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.86 | 472186 | SUB | 4.19 | 418.99 | 240278 | DES | 0 | 0 | 1.2E+07 | TERR | 96.215 | 4273.4 | 3079575 | SANEO | 48.776 | 3560.2 | 447879 | VEGETAL | 18.002 | 1323.46 | 875217 |
| 126 | 65200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 473144 | SUB | 4.19 | 418.99 | 240697 | DES | 0 | 0 | 1.2E+07 | TERR | 147.14 | 12842.4 | 3092417 | SANEO | 58.454 | 5472.24 | 453352 | VEGETAL | 21.347 | 2008.87 | 877226 |
| 126 | 65300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 474102 | SUB | 4.19 | 418.99 | 241116 | DES | 0 | 0 | 1.2E+07 | TERR | 156.29 | 15732.8 | 3108150 | SANEO | 60.372 | 5998.81 | 459350 | VEGETAL | 22.05 | 2198.27 | 879424 |
| 126 | 65400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 475060 | SUB | 4.19 | 418.99 | 241535 | DES | 0 | 0 | 1.2E+07 | TERR | 187.27 | 17260 | 3125410 | SANEO | 65.02 | 6215.11 | 465566 | VEGETAL | 23.703 | 2276.48 | 881700 |
| 126 | 65500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 476018 | SUB | 4.19 | 418.99 | 241954 | DES | 0 | 0 | 1.2E+07 | TERR | 241.43 | 21014.7 | 3146425 | SANEO | 73.412 | 6858.33 | 472424 | VEGETAL | 26.695 | 2499.15 | 884200 |
| 126 | 65600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 476976 | SUB | 4.19 | 418.99 | 242373 | DES | 0 | 0 | 1.2E+07 | TERR | 287.24 | 27360.2 | 3173785 | SANEO | 78.904 | 7710.12 | 480134 | VEGETAL | 28.846 | 2817.05 | 887017 |
| 126 | 65700 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 477934 | SUB | 4.19 | 418.99 | 242792 | DES | 0 | 0 | 1.2E+07 | TERR | 263.56 | 27654.7 | 3201440 | SANEO | 75.701 | 7751.63 | 487886 | VEGETAL | 27.713 | 2831.77 | 889848 |
| 126 | 65800 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 478892 | SUB | 4.19 | 418.99 | 243211 | DES | 0 | 0 | 1.2E+07 | TERR | 235.32 | 25105.9 | 3226546 | SANEO | 72.037 | 7409.69 | 495295 | VEGETAL | 26.294 | 2708.89 | 892557 |
| 126 | 65900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 479850 | SUB | 4.19 | 418.99 | 243630 | DES | 0 | 0 | 1.2E+07 | TERR | 261.2 | 24063.6 | 3250609 | SANEO | 74.476 | 7265.59 | 502561 | VEGETAL | 27.283 | 2652.18 | 895209 |
| 126 | 66000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 480808 | SUB | 4.19 | 418.99 | 244049 | DES | 0 | 0 | 1.2E+07 | TERR | 238.92 | 25423.4 | 3276033 | SANEO | 72.286 | 7410.01 | 509971 | VEGETAL | 26.467 | 2710.82 | 897920 |
| 126 | 66100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 481766 | SUB | 4.189 | 418.99 | 244468 | DES | 0 | 0 | 1.2E+07 | TERR | 201.72 | 21987.7 | 3298020 | SANEO | 67.039 | 6964.07 | 516935 | VEGETAL | 24.486 | 2546.63 | 900467 |
| 126 | 66200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.92 | 482723 | SUB | 4.191 | 418.98 | 244887 | DES | 0 | 0 | 1.2E+07 | TERR | 205.34 | 20191.5 | 3318212 | SANEO | 67.334 | 6690.11 | 523625 | VEGETAL | 24.692 | 2451.15 | 902918 |
| 126 | 66300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 0 | 191.53 | 482915 | SUB | 0 | 83.78 | 244970 | DES | 0 | 0 | 1.2E+07 | TERR | 0 | 4067.17 | 3322279 | SANEO | 0 | 1342.85 | 524968 | VEGETAL | 0 | 491.63 | 903410 |
| 126 | 66400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 0 | 0 | 482915 | SUB | 0 | 0 | 244970 | DES | 0 | 0 | 1.2E+07 | TERR | 0 | 0 | 3322279 | SANEO | 0 | 0 | 524968 | VEGETAL | 0 | 0 | 903410 |
| 126 | 66500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 95.75 | 483011 | SUB | 4.19 | 61.85 | 245032 | DES | 0 | 0 | 1.2E+07 | TERR | 179.26 | 1822.65 | 3324102 | SANEO | 59.498 | 599.9 | 525568 | VEGETAL | 23.196 | 233.68 | 903643 |
| 126 | 66600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 483969 | SUB | 4.19 | 418.99 | 245451 | DES | 0 | 0 | 1.2E+07 | TERR | 141.45 | 15183.9 | 3339286 | SANEO | 51.086 | 5428.79 | 530997 | VEGETAL | 20.895 | 2154.01 | 905797 |
| 126 | 66700 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 484927 | SUB | 4.19 | 418.99 | 245870 | DES | 0 | 0 | 1.2E+07 | TERR | 87.408 | 11907 | 3351193 | SANEO | 41.888 | 4772.51 | 535769 | VEGETAL | 17.123 | 1938.9 | 907736 |
| 126 | 66800 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.9 | 485884 | SUB | 4.19 | 418.99 | 246289 | DES | 0 | 0 | 1.2E+07 | TERR | 81.24 | 8204.55 | 3359397 | SANEO | 44.632 | 4325.13 | 540094 | VEGETAL | 16.652 | 1670.93 | 909407 |
| 126 | 66900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 486842 | SUB | 4.19 | 418.96 | 246708 | DES | 0 | 0 | 1.2E+07 | TERR | 96.266 | 8914.02 | 3368311 | SANEO | 45.589 | 4591.67 | 544686 | VEGETAL | 17.794 | 1725.67 | 911133 |
| 126 | 67000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.89 | 487800 | SUB | 4.19 | 419.01 | 247127 | DES | 0 | 0 | 1.2E+07 | TERR | 52.335 | 6944.51 | 3375256 | SANEO | 35.633 | 3782.16 | 548468 | VEGETAL | 13.299 | 1472.89 | 912606 |
| 126 | 67100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.59 | 957.78 | 488758 | SUB | 4.19 | 419.01 | 247546 | DES | 0.016 | 0.08 | 1.2E+07 | TERR | 22.265 | 3683.53 | 3378939 | SANEO | 28.981 | 3217.96 | 551686 | VEGETAL | 12.794 | 1236.53 | 913842 |
| 126 | 67200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 855.83 | 489614 | SUB | 4.19 | 419.01 | 247965 | DES | 9.374 | 175.65 | 1.2E+07 | TERR | 0 | 883.04 | 3379822 | SANEO | 0 | 1988.45 | 553675 | VEGETAL | 15.634 | 1351.87 | 915194 |
| 126 | 67300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.56 | 738.71 | 490353 | SUB | 4.19 | 419.01 | 248384 | DES | 0 | 10985 | 1.2E+07 | TERR | 12.122 | 606.65 | 3380429 | SANEO | 25.558 | 900.89 | 554575 | VEGETAL | 10.115 | 1200.08 | 916394 |
| 126 | 67400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 789.61 | 491142 | SUB | 4.19 | 419 | 248803 | DES | 16.796 | 430.17 | 1.2E+07 | TERR | 0 | 274.3 | 3380703 | SANEO | 0 | 1210.96 | 555786 | VEGETAL | 17.175 | 1451.25 | 917845 |
| 126 | 67500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 620.92 | 491763 | SUB | 4.189 | 418.98 | 249222 | DES | 35.27 | 2796.88 | 1.2E+07 | TERR | 0 | 0 | 3380703 | SANEO | 0 | 0 | 555786 | VEGETAL | 17.806 | 1748.93 | 919594 |
| 126 | 67600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.75 | 623.64 | 492387 | SUB | 4.189 | 418.96 | 249641 | DES | 14.777 | 2315.95 | 1.2E+07 | TERR | 0.01 | 0.05 | 3380703 | SANEO | 2.999 | 15 | 555801 | VEGETAL | 16.544 | 1707.66 | 921302 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 67700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.47 | 638.22 | 493025 | **SUB** | 4.19 | 418.95 | 250060 | **DES** | 7.703 | 927.02 | 1.2E+07 | **TERR** | 0 | 0.06 | 3380703 | **SANEO** | 5.23 | 299.55 | 556101 | **VEGETAL** | 15.392 | 1570.14 | 922872 |
| 126 | 67800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.37 | 780.99 | 493806 | **SUB** | 4.19 | 418.95 | 250479 | **DES** | 0.276 | 524.35 | 1.2E+07 | **TERR** | 6.463 | 323.89 | 3381027 | **SANEO** | 25.338 | 1306.69 | 557408 | **VEGETAL** | 12.99 | 1426.6 | 924299 |
| 126 | 67900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 8.31 | 837.27 | 494643 | **SUB** | 4.189 | 418.96 | 250898 | **DES** | 1.177 | 148.61 | 1.2E+07 | **TERR** | 0.432 | 166.67 | 3381194 | **SANEO** | 12.884 | 1234.6 | 558642 | **VEGETAL** | 14.044 | 1387.73 | 925687 |
| 126 | 67900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 8.31 | 0 | 494643 | **SUB** | 4.189 | 0 | 250898 | **DES** | 1.177 | 0 | 1.2E+07 | **TERR** | 0.432 | 0 | 3381194 | **SANEO** | 12.884 | 0 | 558642 | **VEGETAL** | 14.044 | 0 | 925687 |
| 126 | 68000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.73 | 765.55 | 495409 | **SUB** | 4.19 | 418.99 | 251317 | **DES** | 3.85 | 235.92 | 1.2E+07 | **TERR** | 0 | 23.34 | 3381217 | **SANEO** | 7.653 | 822.69 | 559465 | **VEGETAL** | 14.654 | 1431.03 | 927118 |
| 126 | 68100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.26 | 826.06 | 496235 | **SUB** | 4.19 | 419.01 | 251736 | **DES** | 0.304 | 97.86 | 1.2E+07 | **TERR** | 2.892 | 102.4 | 3381320 | **SANEO** | 2.117 | 690.03 | 560155 | **VEGETAL** | 13.265 | 1375.92 | 928493 |
| 126 | 68200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.61 | 936.1 | 497171 | **SUB** | 4.19 | 418.98 | 252155 | **DES** | 0.02 | 30.91 | 1.2E+07 | **TERR** | 6.085 | 505.05 | 3381825 | **SANEO** | 25.896 | 2383.04 | 562538 | **VEGETAL** | 11.652 | 1267.82 | 929761 |
| 126 | 68300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 958.64 | 498130 | **SUB** | 4.191 | 419.01 | 252574 | **DES** | 0 | 0.21 | 1.2E+07 | **TERR** | 15.343 | 956.75 | 3382781 | **SANEO** | 26.101 | 2643.37 | 565181 | **VEGETAL** | 10.424 | 1077.45 | 930839 |
| 126 | 68400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.57 | 957.5 | 499087 | **SUB** | 4.19 | 419 | 252993 | **DES** | 0 | 0 | 1.2E+07 | **TERR** | 15.254 | 1641.88 | 3384423 | **SANEO** | 28.067 | 2641.18 | 567823 | **VEGETAL** | 10.405 | 1041.71 | 931880 |
| 126 | 68500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 8.8 | 920.3 | 500007 | **SUB** | 4.154 | 418.08 | 253411 | **DES** | 0 | 0.06 | 1.2E+07 | **TERR** | 5.345 | 907.38 | 3385331 | **SANEO** | 24.22 | 2605.76 | 570428 | **VEGETAL** | 9.316 | 1025.77 | 932906 |
| 126 | 68600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 7.59 | 814.77 | 500822 | **SUB** | 4.178 | 414.88 | 253826 | **DES** | 1.691 | 37.54 | 1.2E+07 | **TERR** | 2.92 | 407.49 | 3385738 | **SANEO** | 15.563 | 1898.87 | 572327 | **VEGETAL** | 10.307 | 959.72 | 933866 |
| 126 | 68700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 5.95 | 702.04 | 501524 | **SUB** | 4.178 | 417.75 | 254244 | **DES** | 8.907 | 403.77 | 1.2E+07 | **TERR** | 0.009 | 113.69 | 3385852 | **SANEO** | 1.019 | 942.31 | 573269 | **VEGETAL** | 12.658 | 1125.36 | 934991 |
| 126 | 68800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 5.88 | 588.53 | 502113 | **SUB** | 4.178 | 417.81 | 254662 | **DES** | 18.493 | 1925.33 | 1.2E+07 | **TERR** | 0 | 0.05 | 3385852 | **SANEO** | 0 | 5.1 | 573275 | **VEGETAL** | 14.915 | 1464.32 | 936456 |
| 126 | 68900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 5.88 | 588.23 | 502701 | **SUB** | 4.178 | 417.78 | 255079 | **DES** | 8.956 | 1297.58 | 1.2E+07 | **TERR** | 0 | 0 | 3385852 | **SANEO** | 0 | 0 | 573275 | **VEGETAL** | 13.576 | 1432.76 | 937888 |
| 126 | 69000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 8.88 | 763.48 | 503464 | **SUB** | 4.171 | 417.17 | 255497 | **DES** | 0 | 221.38 | 1.2E+07 | **TERR** | 19.742 | 488.39 | 3386340 | **SANEO** | 25.911 | 1347.59 | 574622 | **VEGETAL** | 10.134 | 1201.25 | 939090 |
| 126 | 69000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.2 | 0 | 503464 | **SUB** | 4.19 | 0 | 255497 | **DES** | 1.939 | 0 | 1.2E+07 | **TERR** | 19.742 | 0 | 3386340 | **SANEO** | 27.406 | 0 | 574622 | **VEGETAL** | 14.195 | 0 | 939090 |
| 126 | 69100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.59 | 955.25 | 504420 | **SUB** | 4.19 | 419.01 | 255916 | **DES** | 0 | 36.48 | 1.2E+07 | **TERR** | 21.18 | 2531.77 | 3388872 | **SANEO** | 28.57 | 2933.49 | 577556 | **VEGETAL** | 11.793 | 1276.99 | 940367 |
| 126 | 69200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.58 | 958.56 | 505378 | **SUB** | 4.19 | 418.98 | 256335 | **DES** | 0 | 0.11 | 1.2E+07 | **TERR** | 17.007 | 1676.01 | 3390548 | **SANEO** | 29.139 | 2853.33 | 580409 | **VEGETAL** | 11.124 | 1140.83 | 941507 |
| 126 | 69300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.59 | 957.19 | 506335 | **SUB** | 4.191 | 419.01 | 256754 | **DES** | 0 | 2.69 | 1.2E+07 | **TERR** | 13.223 | 1363 | 3391911 | **SANEO** | 26.473 | 2738.08 | 583147 | **VEGETAL** | 11.457 | 1139.32 | 942647 |
| 126 | 69400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 9.61 | 960.15 | 507296 | **SUB** | 4.19 | 419 | 257173 | **DES** | 0.032 | 0.76 | 1.2E+07 | **TERR** | 5.728 | 779.09 | 3392690 | **SANEO** | 26.245 | 2627.13 | 585774 | **VEGETAL** | 12.157 | 1143.24 | 943790 |
| 126 | 69500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 8.92 | 943.04 | 508239 | **SUB** | 4.19 | 418.96 | 257592 | **DES** | 1.04 | 29.41 | 1.2E+07 | **TERR** | 2.913 | 522.52 | 3393213 | **SANEO** | 6.366 | 2141.37 | 587916 | **VEGETAL** | 14.311 | 1330.6 | 945121 |
| 126 | 69600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 7.24 | 805.94 | 509045 | **SUB** | 4.19 | 418.98 | 258011 | **DES** | 4.216 | 253.07 | 1.2E+07 | **TERR** | 0.003 | 87.39 | 3393300 | **SANEO** | 6.587 | 528.37 | 588444 | **VEGETAL** | 15.199 | 1475.02 | 946596 |
| 126 | 69700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 655.73 | 509700 | **SUB** | 4.19 | 419.01 | 258430 | **DES** | 12.038 | 785.46 | 1.2E+07 | **TERR** | 0 | 0.02 | 3393300 | **SANEO** | 0 | 308.58 | 588753 | **VEGETAL** | 15.864 | 1560.84 | 948156 |
| 126 | 69800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 620.91 | 510321 | **SUB** | 4.19 | 419 | 258849 | **DES** | 26.468 | 1971.84 | 1.2E+07 | **TERR** | 0 | 0 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 16.809 | 1636.62 | 949793 |
| 126 | 69900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 620.91 | 510942 | **SUB** | 4.19 | 419 | 259268 | **DES** | 52.287 | 4021.24 | 1.2E+07 | **TERR** | 0 | 0 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 18.513 | 1777.36 | 951570 |
| 126 | 70000 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 620.91 | 511563 | **SUB** | 4.189 | 418.99 | 259687 | **DES** | 84.829 | 7661.75 | 1.2E+07 | **TERR** | 0 | 0 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 20.394 | 1986.7 | 953557 |
| 126 | 70100 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 620.91 | 512184 | **SUB** | 4.189 | 418.99 | 260106 | **DES** | 68.34 | 6916.69 | 1.2E+07 | **TERR** | 0 | 0 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 19.485 | 1952.54 | 955510 |
| 126 | 70200 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 620.91 | 512805 | **SUB** | 4.189 | 418.99 | 260525 | **DES** | 87.792 | 8264.86 | 1.2E+07 | **TERR** | 0 | 0 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 20.674 | 2033.34 | 957543 |
| 126 | 70300 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 620.9 | 513426 | **SUB** | 4.19 | 418.99 | 260943 | **DES** | 135.302 | 11155 | 1.2E+07 | **TERR** | 0 | 0 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 22.927 | 2183.03 | 959726 |
| 126 | 70400 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 620.92 | 514047 | **SUB** | 4.19 | 418.99 | 261362 | **DES** | 105.298 | 13050.3 | 1.2E+07 | **TERR** | 0 | 0 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 21.487 | 2269.58 | 961996 |
| 126 | 70500 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 5.77 | 611.93 | 514659 | **SUB** | 4.091 | 416.97 | 261779 | **DES** | 72.382 | 7715.56 | 1.2E+07 | **TERR** | 0 | 0.01 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 13.556 | 1866.82 | 963862 |
| 126 | 70600 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 5.77 | 576.58 | 515235 | **SUB** | 4.091 | 409.03 | 262188 | **DES** | 200.37 | 15117.7 | 1.2E+07 | **TERR** | 0 | 0.02 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 15.735 | 1527.92 | 965390 |
| 126 | 70700 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 601.87 | 515837 | **SUB** | 4.19 | 414.98 | 262603 | **DES** | 192.702 | 20722.4 | 1.2E+07 | **TERR** | 0 | 0 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 24.111 | 2109.17 | 967500 |
| 126 | 70800 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 620.93 | 516458 | **SUB** | 4.19 | 418.99 | 263022 | **DES** | 140.011 | 17016.2 | 1.2E+07 | **TERR** | 0 | 0 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 23.579 | 2354.54 | 969854 |
| 126 | 70900 | **EXC-TUN** | 0 | 0 | 785067.1 | **CF** | 6.21 | 620.93 | 517079 | **SUB** | 4.19 | 418.99 | 263441 | **DES** | 240.183 | 22621.6 | 1.2E+07 | **TERR** | 0 | 0 | 3393300 | **SANEO** | 0 | 0 | 588753 | **VEGETAL** | 26.23 | 2543.23 | 972397 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | 71000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 620.93 | 517700 | SUB | 4.191 | 418.99 | 263860 | DES | 74.678 | 13794.4 | 1.2E+07 | TERR | 0 | 0 | 3393300 | SANEO | 0 | 0 | 588753 | VEGETAL | 19.575 | 2265.79 | 974663 |
| 126 | 71100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 620.92 | 518321 | SUB | 4.191 | 418.99 | 264279 | DES | 132.117 | 9391.62 | 1.2E+07 | TERR | 0 | 0 | 3393300 | SANEO | 0 | 0 | 588753 | VEGETAL | 22.779 | 2071.98 | 976735 |
| 126 | 71200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 620.92 | 518942 | SUB | 4.191 | 418.98 | 264698 | DES | 103.271 | 13489.3 | 1.2E+07 | TERR | 0 | 0 | 3393300 | SANEO | 0 | 0 | 588753 | VEGETAL | 20.392 | 2285.18 | 979020 |
| 126 | 71300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.54 | 809.6 | 519751 | SUB | 4.191 | 418.99 | 265117 | DES | 0.08 | 1383.54 | 1.2E+07 | TERR | 7.142 | 144.43 | 3393445 | SANEO | 28.001 | 1433.49 | 590186 | VEGETAL | 11.879 | 1491.32 | 980512 |
| 126 | 71400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.9 | 520709 | SUB | 4.189 | 418.97 | 265536 | DES | 0 | 0.7 | 1.2E+07 | TERR | 46.319 | 2288.87 | 3395733 | SANEO | 36.039 | 3024.84 | 593211 | VEGETAL | 13.66 | 1178.81 | 981690 |
| 126 | 71500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.92 | 521667 | SUB | 4.19 | 418.97 | 265955 | DES | 0 | 0 | 1.2E+07 | TERR | 106.87 | 7804.48 | 3403538 | SANEO | 47.061 | 4284.09 | 597495 | VEGETAL | 18.565 | 1634.53 | 983325 |
| 126 | 71600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.92 | 522625 | SUB | 4.19 | 418.97 | 266374 | DES | 0 | 0 | 1.2E+07 | TERR | 173.5 | 14090.8 | 3417629 | SANEO | 54.903 | 5089.09 | 602584 | VEGETAL | 22.39 | 2068.52 | 985393 |
| 126 | 71800 | EXC-TUN | 0 | 0 | 785067.1 | CF | 0 | 1820.02 | 524445 | SUB | 0 | 796 | 267170 | DES | 0 | 0 | 1.2E+07 | TERR | 0 | 41073.5 | 3458702 | SANEO | 0 | 11458.5 | 614043 | VEGETAL | 0 | 4608.42 | 990002 |
| 126 | 71900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 0 | 0 | 524445 | SUB | 0 | 0 | 267170 | DES | 0 | 0 | 1.2E+07 | TERR | 0 | 0 | 3458702 | SANEO | 0 | 0 | 614043 | VEGETAL | 0 | 0 | 990002 |
| 126 | 72000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 0 | 0 | 524445 | SUB | 0 | 0 | 267170 | DES | 0 | 0 | 1.2E+07 | TERR | 0 | 0 | 3458702 | SANEO | 0 | 0 | 614043 | VEGETAL | 0 | 0 | 990002 |
| 126 | 72100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 0 | 0 | 524445 | SUB | 0 | 0 | 267170 | DES | 0 | 0 | 1.2E+07 | TERR | 0 | 0 | 3458702 | SANEO | 0 | 0 | 614043 | VEGETAL | 0 | 0 | 990002 |
| 126 | 72200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 766.27 | 525211 | SUB | 4.191 | 355.2 | 267525 | DES | 0 | 0 | 1.2E+07 | TERR | 93.91 | 9151.49 | 3467854 | SANEO | 47.917 | 4159.94 | 618202 | VEGETAL | 17.675 | 1529.97 | 991532 |
| 126 | 72300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 8.47 | 826.39 | 526038 | SUB | 4.191 | 419.08 | 267945 | DES | 6.425 | 2257.66 | 1.2E+07 | TERR | 0.562 | 2192.94 | 3470046 | SANEO | 9.372 | 2158.72 | 620361 | VEGETAL | 15.41 | 1609.01 | 993141 |
| 126 | 72400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.59 | 843.17 | 526881 | SUB | 4.191 | 419.08 | 268364 | DES | 0 | 262.39 | 1.2E+07 | TERR | 19.342 | 754.93 | 3470801 | SANEO | 29.095 | 1498.43 | 621860 | VEGETAL | 11.373 | 1309.31 | 994450 |
| 126 | 72500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.59 | 958.16 | 527839 | SUB | 4.191 | 419.08 | 268783 | DES | 0 | 0.58 | 1.2E+07 | TERR | 15.878 | 1752.46 | 3472554 | SANEO | 28.796 | 2877.62 | 624737 | VEGETAL | 11.541 | 1127.85 | 995578 |
| 126 | 72600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.59 | 958.96 | 528798 | SUB | 4.191 | 419.08 | 269202 | DES | 0.047 | 0.4 | 1.2E+07 | TERR | 13.491 | 1624.41 | 3474178 | SANEO | 27.861 | 2924.46 | 627662 | VEGETAL | 12.528 | 1158.92 | 996737 |
| 126 | 72700 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.76 | 890.47 | 529688 | SUB | 4.191 | 419.08 | 269621 | DES | 6.991 | 224.25 | 1.2E+07 | TERR | 0 | 618.97 | 3474797 | SANEO | 1.186 | 1992.21 | 629654 | VEGETAL | 15.521 | 1364.91 | 998102 |
| 126 | 72800 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 623.91 | 530312 | SUB | 4.191 | 419.08 | 270040 | DES | 30.69 | 2141.2 | 1.2E+07 | TERR | 0 | 0 | 3474797 | SANEO | 0 | 33.07 | 629687 | VEGETAL | 16.936 | 1640.07 | 999742 |
| 126 | 72900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 620.86 | 530933 | SUB | 4.191 | 419.08 | 270459 | DES | 60.078 | 4917.68 | 1.2E+07 | TERR | 0 | 0 | 3474797 | SANEO | 0 | 0 | 629687 | VEGETAL | 18.901 | 1808.24 | 1001550 |
| 126 | 73000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 620.91 | 531554 | SUB | 4.189 | 419.02 | 270878 | DES | 64.544 | 6421.64 | 1.2E+07 | TERR | 0 | 0 | 3474797 | SANEO | 0 | 0 | 629687 | VEGETAL | 19.204 | 1932.2 | 1003482 |
| 126 | 73100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 620.91 | 532175 | SUB | 4.189 | 418.98 | 271297 | DES | 37.338 | 5048.06 | 1.2E+07 | TERR | 0 | 0 | 3474797 | SANEO | 0 | 0 | 629687 | VEGETAL | 17.525 | 1834.8 | 1005317 |
| 126 | 73200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 6.21 | 620.9 | 532796 | SUB | 4.191 | 419.01 | 271716 | DES | 8.464 | 2100.93 | 1.2E+07 | TERR | 0 | 0 | 3474797 | SANEO | 0 | 0 | 629687 | VEGETAL | 15.491 | 1640.77 | 1006958 |
| 126 | 73300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.61 | 808.52 | 533604 | SUB | 4.19 | 418.99 | 272135 | DES | 0.028 | 260.63 | 1.2E+07 | TERR | 4.702 | 180.45 | 3474978 | SANEO | 25.46 | 785.7 | 630473 | VEGETAL | 12.252 | 1390.07 | 1008348 |
| 126 | 73400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 956.94 | 534561 | SUB | 4.19 | 419 | 272554 | DES | 0 | 0.14 | 1.2E+07 | TERR | 15.809 | 1042.19 | 3476020 | SANEO | 24.603 | 2507.01 | 632980 | VEGETAL | 10.425 | 1052.7 | 1009401 |
| 126 | 73500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.9 | 535519 | SUB | 4.19 | 419.01 | 272973 | DES | 0 | 0 | 1.2E+07 | TERR | 23.243 | 2041.59 | 3478061 | SANEO | 27.019 | 2596.68 | 635576 | VEGETAL | 11.283 | 1096.15 | 1010497 |
| 126 | 73600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.92 | 536477 | SUB | 4.189 | 418.98 | 273392 | DES | 0 | 0 | 1.2E+07 | TERR | 28.932 | 2644.19 | 3480706 | SANEO | 28.347 | 2790.83 | 638367 | VEGETAL | 11.904 | 1163.51 | 1011660 |
| 126 | 73700 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.9 | 537435 | SUB | 4.191 | 419.01 | 273811 | DES | 0 | 0 | 1.2E+07 | TERR | 22.597 | 2294.64 | 3483000 | SANEO | 26.91 | 2727.16 | 641094 | VEGETAL | 11.212 | 1121.01 | 1012781 |
| 126 | 73800 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.9 | 538393 | SUB | 4.19 | 418.99 | 274230 | DES | 0 | 0 | 1.2E+07 | TERR | 27.549 | 2691.94 | 3485692 | SANEO | 29.449 | 2897.13 | 643992 | VEGETAL | 11.758 | 1168.84 | 1013950 |
| 126 | 73900 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 870.28 | 539263 | SUB | 4.19 | 419 | 274649 | DES | 0 | 1135.21 | 1.2E+07 | TERR | 27.044 | 1962.09 | 3487654 | SANEO | 29.463 | 2264.26 | 646256 | VEGETAL | 11.703 | 1341.39 | 1015292 |
| 126 | 74000 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.9 | 540221 | SUB | 4.19 | 419.02 | 275068 | DES | 0 | 0 | 1.2E+07 | TERR | 61.939 | 5315.62 | 3492970 | SANEO | 36.054 | 3455.59 | 649711 | VEGETAL | 15.051 | 1422.78 | 1016714 |
| 126 | 74100 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.92 | 541179 | SUB | 4.189 | 418.98 | 275487 | DES | 0 | 0 | 1.2E+07 | TERR | 57.12 | 5932.77 | 3498903 | SANEO | 35.286 | 3554.71 | 653266 | VEGETAL | 14.63 | 1482.39 | 1018197 |
| 126 | 74200 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.9 | 542137 | SUB | 4.191 | 419.01 | 275906 | DES | 0 | 0 | 1.2E+07 | TERR | 53.132 | 5519.04 | 3504422 | SANEO | 35.028 | 3519.9 | 656786 | VEGETAL | 14.273 | 1445.8 | 1019643 |
| 126 | 74300 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.9 | 543095 | SUB | 4.19 | 418.99 | 276325 | DES | 0 | 0 | 1.2E+07 | TERR | 81.679 | 6930.65 | 3511352 | SANEO | 38.772 | 3721.08 | 660507 | VEGETAL | 15.618 | 1519.16 | 1021162 |
| 126 | 74400 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.91 | 544053 | SUB | 4.19 | 419 | 276744 | DES | 0 | 0 | 1.2E+07 | TERR | 69.966 | 7568.04 | 3518920 | SANEO | 37.722 | 3819.12 | 664326 | VEGETAL | 15.127 | 1528.21 | 1022690 |
| 126 | 74500 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.9 | 545011 | SUB | 4.19 | 419.01 | 277163 | DES | 0 | 0 | 1.2E+07 | TERR | 52.653 | 6304.82 | 3525225 | SANEO | 39.083 | 3831.99 | 668158 | VEGETAL | 14.778 | 1494.72 | 1024185 |
| 126 | 74600 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.92 | 545969 | SUB | 4.189 | 418.98 | 277582 | DES | 0 | 0 | 1.2E+07 | TERR | 42.773 | 4799.08 | 3530024 | SANEO | 39.459 | 3931.11 | 672089 | VEGETAL | 14.181 | 1458.53 | 1025643 |
| 126 | 74700 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 957.9 | 546927 | SUB | 4.191 | 419.01 | 278001 | DES | 0 | 0 | 1.2E+07 | TERR | 37.536 | 3969.58 | 3533994 | SANEO | 37.925 | 3837.76 | 675927 | VEGETAL | 13.65 | 1389.93 | 1027033 |
| 126 | 74765 | EXC-TUN | 0 | 0 | 785067.1 | CF | 9.58 | 623.69 | 547550 | SUB | 4.189 | 272.81 | 278274 | DES | 0 | 0 | 1.2E+07 | TERR | 35.239 | 2409.5 | 3536403 | SANEO | 36.581 | 2337.28 | 678264 | VEGETAL | 13.244 | 882.43 | 1027916 |

## 2.2. ALTERNATIVA H

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 100 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 1000 | 1000 | SUB | 4.399 | 439.98 | 440 | DES | 0 | 0 | 0 | TERR | 36.55 | 3566.4 | 3566.4 | SANEO | 24.27 | 2380.39 | 2380.4 | VEGETAL | 9.52 | 944.91 | 944.9 |
| 10 | 200 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 2000 | SUB | 4.399 | 439.98 | 880 | DES | 0 | 0 | 0 | TERR | 19.24 | 2998.3 | 6564.6 | SANEO | 23.41 | 2427.59 | 4808 | VEGETAL | 8.33 | 911.36 | 1856.3 |
| 10 | 300 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.99 | 3000 | SUB | 4.4 | 439.97 | 1319.9 | DES | 6.188 | 104.45 | 104.4 | TERR | 0.074 | 979.01 | 7543.6 | SANEO | 3.708 | 1998.98 | 6807 | VEGETAL | 10.5 | 899.98 | 2756.2 |
| 10 | 400 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 4000 | SUB | 4.4 | 439.96 | 1759.9 | DES | 29.72 | 1665.7 | 1770.1 | TERR | 0 | 0.37 | 7544 | SANEO | 0 | 18.54 | 6825.5 | VEGETAL | 11.8 | 1119.29 | 3875.5 |
| 10 | 500 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.99 | 4999.9 | SUB | 4.4 | 439.99 | 2199.9 | DES | 21.44 | 4093.3 | 5863.4 | TERR | 2.172 | 10.86 | 7554.9 | SANEO | 11.19 | 55.95 | 6881.4 | VEGETAL | 10.8 | 1210.02 | 5085.6 |
| 10 | 600 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 1000 | 5999.9 | SUB | 4.4 | 439.97 | 2639.8 | DES | 0 | 133.2 | 5996.6 | TERR | 114.8 | 7212.2 | 14767.1 | SANEO | 39.9 | 3259.44 | 10140.9 | VEGETAL | 13.7 | 1195 | 6280.6 |
| 10 | 700 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.99 | 6999.9 | SUB | 4.399 | 439.98 | 3079.8 | DES | 0 | 0 | 5996.6 | TERR | 80.41 | 10524 | 25291.1 | SANEO | 30.13 | 3662.17 | 13803.1 | VEGETAL | 12.1 | 1327.28 | 7607.8 |
| 10 | 800 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.99 | 7999.9 | SUB | 4.4 | 439.97 | 3519.8 | DES | 36.12 | 566.44 | 6563.1 | TERR | 0 | 2800.3 | 28091.4 | SANEO | 0 | 1822.11 | 15625.2 | VEGETAL | 12.3 | 1036.82 | 8644.7 |
| 10 | 900 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 8999.9 | SUB | 4.4 | 439.96 | 3959.7 | DES | 57.13 | 9481.77 | 16044.9 | TERR | 0 | 0 | 28091.4 | SANEO | 0 | 0 | 15625.2 | VEGETAL | 13 | 1403.04 | 10048 |
| 10 | 1000 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.99 | 9999.9 | SUB | 4.4 | 439.98 | 4399.7 | DES | 0 | 648.78 | 16693.6 | TERR | 164.5 | 6639.6 | 34731 | SANEO | 44.03 | 220.14 | 15845.3 | VEGETAL | 15.5 | 1187.49 | 11235 |
| 10 | 1100 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 10999.9 | SUB | 4.4 | 439.97 | 4839.7 | DES | 0 | 0 | 16693.6 | TERR | 193.5 | 19157 | 53887.5 | SANEO | 48.79 | 4819.55 | 20664.9 | VEGETAL | 17.1 | 1673.91 | 12909 |
| 10 | 1200 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.99 | 11999.9 | SUB | 4.399 | 439.96 | 5279.7 | DES | 0 | 0 | 16693.6 | TERR | 108.1 | 13446 | 67333.2 | SANEO | 39.19 | 4284.62 | 24949.5 | VEGETAL | 13.5 | 1469.68 | 14379 |
| 10 | 1300 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.99 | 12999.9 | SUB | 4.4 | 439.97 | 5719.6 | DES | 0 | 0 | 16693.6 | TERR | 70.99 | 8867 | 76200.2 | SANEO | 32.19 | 3552.91 | 28502.4 | VEGETAL | 11.6 | 1254.01 | 15633 |
| 10 | 1400 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.99 | 13999.8 | SUB | 4.4 | 439.97 | 6159.6 | DES | 0 | 0 | 16693.6 | TERR | 37.86 | 6618.7 | 82818.9 | SANEO | 27.44 | 3221.96 | 31724.4 | VEGETAL | 9.62 | 1129.88 | 16763 |
| 10 | 1500 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.99 | 14999.8 | SUB | 4.4 | 439.98 | 6599.6 | DES | 46.06 | 1227.19 | 17920.8 | TERR | 0 | 889.35 | 83708.2 | SANEO | 0 | 1186.04 | 32910.4 | VEGETAL | 12.5 | 1025.87 | 17789 |
| 10 | 1600 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 15999.8 | SUB | 4.4 | 439.97 | 7039.6 | DES | 113.9 | 8638.5 | 26559.3 | TERR | 0 | 0 | 83708.2 | SANEO | 0 | 0 | 32910.4 | VEGETAL | 15 | 1403.11 | 19192 |
| 10 | 1700 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.99 | 16999.8 | SUB | 4.4 | 439.98 | 7479.5 | DES | 78.75 | 11170 | 37729.4 | TERR | 0 | 0 | 83708.2 | SANEO | 0 | 0 | 32910.4 | VEGETAL | 13.9 | 1493.01 | 20685 |
| 10 | 1800 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.99 | 17999.8 | SUB | 4.399 | 439.97 | 7919.5 | DES | 63.22 | 6834.31 | 44563.7 | TERR | 0 | 0 | 83708.2 | SANEO | 0 | 0 | 32910.4 | VEGETAL | 13 | 1333.91 | 22019 |
| 10 | 1900 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 1000 | 18999.8 | SUB | 4.4 | 439.97 | 8359.5 | DES | 0 | 2155.2 | 46718.9 | TERR | 28.33 | 865.15 | 84573.4 | SANEO | 23.82 | 119.09 | 33029.5 | VEGETAL | 8.66 | 1053.05 | 23072 |
| 10 | 2000 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 19999.8 | SUB | 4.4 | 439.96 | 8799.4 | DES | 0 | 0 | 46718.9 | TERR | 175.3 | 10097 | 94670.7 | SANEO | 47.16 | 3565.75 | 36595.2 | VEGETAL | 16.3 | 1256.48 | 24328 |
| 10 | 2100 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 20999.8 | SUB | 4.4 | 439.99 | 9239.4 | DES | 0 | 0 | 46718.9 | TERR | 51.62 | 11222 | 105893 | SANEO | 29.05 | 3849.82 | 40445.1 | VEGETAL | 10.5 | 1349.94 | 25678 |
| 10 | 2200 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 21999.7 | SUB | 4.4 | 439.98 | 9679.4 | DES | 2.743 | 164.58 | 46883.5 | TERR | 0.794 | 1608.9 | 107502 | SANEO | 8.902 | 1747.91 | 42193 | VEGETAL | 10.1 | 943 | 26621 |
| 10 | 2300 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 22999.7 | SUB | 4.4 | 439.99 | 10119 | DES | 0 | 51.35 | 46934.8 | TERR | 32.29 | 1252.3 | 108754 | SANEO | 25.64 | 172.69 | 42365.7 | VEGETAL | 9.27 | 869.24 | 27490 |
| 10 | 2400 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 1000 | 23999.7 | SUB | 4.399 | 439.96 | 10559 | DES | 0 | 0 | 46934.8 | TERR | 54.26 | 4818.6 | 113573 | SANEO | 27.42 | 2742.44 | 45108.1 | VEGETAL | 10.6 | 1024.86 | 28515 |
| 10 | 2500 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 1000.03 | 24999.7 | SUB | 4.4 | 439.97 | 10999 | DES | 0 | 0 | 46934.8 | TERR | 71.33 | 6337.1 | 119910 | SANEO | 30.66 | 3053.67 | 48161.8 | VEGETAL | 11.7 | 1119.2 | 29634 |
| 10 | 2600 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 25999.7 | SUB | 4.4 | 439.95 | 11439 | DES | 0 | 0 | 46934.8 | TERR | 57.41 | 6450 | 126360 | SANEO | 30.27 | 2969.3 | 51131.1 | VEGETAL | 10.9 | 1128.18 | 30763 |
| 10 | 2700 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 1000.02 | 26999.7 | SUB | 4.4 | 439.94 | 11879 | DES | 0 | 0 | 46934.8 | TERR | 40.39 | 5368.1 | 131728 | SANEO | 28.02 | 2985.65 | 54116.7 | VEGETAL | 9.76 | 1056.34 | 31819 |
| 10 | 2800 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 1000.01 | 27999.7 | SUB | 4.399 | 439.97 | 12319 | DES | 78.85 | 1861.63 | 48796.4 | TERR | 0 | 1122.7 | 132851 | SANEO | 0 | 1227.09 | 55343.8 | VEGETAL | 14.5 | 1092.8 | 32912 |
| 10 | 2900 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 28999.7 | SUB | 4.399 | 439.95 | 12759 | DES | 975.6 | 46524.3 | 95320.8 | TERR | 0 | 0 | 132851 | SANEO | 0 | 0 | 55343.8 | VEGETAL | 31.9 | 2490.9 | 35403 |
| 10 | 3000 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 1000.03 | 29999.8 | SUB | 4.4 | 439.97 | 13199 | DES | 1656 | 142299 | 237619.9 | TERR | 0 | 0 | 132851 | SANEO | 0 | 0 | 55343.8 | VEGETAL | 43.5 | 4021.25 | 39424 |
| 10 | 3100 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 30999.7 | SUB | 4.4 | 439.95 | 13639 | DES | 516.9 | 122602 | 360222.1 | TERR | 0 | 0 | 132851 | SANEO | 0 | 0 | 55343.8 | VEGETAL | 29.5 | 3743.13 | 43167 |
| 10 | 3200 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 1000.02 | 31999.8 | SUB | 4.4 | 439.94 | 14079 | DES | 2.277 | 13023.9 | 373246 | TERR | 9.939 | 149.11 | 133000 | SANEO | 17.56 | 87.82 | 55431.6 | VEGETAL | 9.36 | 1585.31 | 44752 |
| 10 | 3300 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 1000 | 32999.8 | SUB | 4.399 | 439.97 | 14519 | DES | 0 | 13.3 | 373259.3 | TERR | 22.3 | 1949.8 | 134950 | SANEO | 24.17 | 2335.46 | 57767.1 | VEGETAL | 8.56 | 854.7 | 45607 |
| 10 | 3400 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 33999.7 | SUB | 4.399 | 439.95 | 14959 | DES | 2.581 | 35.93 | 373295.3 | TERR | 3.249 | 1470.4 | 136420 | SANEO | 15.94 | 2199.01 | 59966.1 | VEGETAL | 9.58 | 871.66 | 46479 |
| 10 | 3500 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 1000.03 | 34999.8 | SUB | 4.4 | 439.97 | 15399 | DES | 81.7 | 3346.53 | 376641.8 | TERR | 0 | 28.48 | 136449 | SANEO | 0 | 79.72 | 60045.8 | VEGETAL | 13.9 | 1181.11 | 47660 |
| 10 | 3600 | EXC-TUN | 0 | 0 | 0 | CF | 10 | 999.98 | 35999.8 | SUB | 4.4 | 439.95 | 15839 | DES | 212.2 | 15575.7 | 392217.5 | TERR | 0 | 0 | 136449 | SANEO | 0 | 0 | 60045.8 | VEGETAL | 18.2 | 1636.39 | 49296 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 3700 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.02 | 36999.8 | **SUB** | 4.4 | 439.94 | 16279 | **DES** | 356.4 | 29934.6 | 422152.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 21.8 | 2055.86 | 51352 |
| 10 | 3800 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 1000.01 | 37999.8 | **SUB** | 4.399 | 439.97 | 16719 | **DES** | 536.6 | 44075.9 | 466228 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 26.9 | 2402.37 | 53754 |
| 10 | 3900 | **EXC-TUN** | 143 | 9991.9 | 9991.9 | **CF** | 0 | 250 | 38249.8 | **SUB** | 0 | 109.99 | 16829 | **DES** | 0 | 17695.1 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 881.11 | 54635 |
| 10 | 4000 | **EXC-TUN** | 143 | 14274 | 24266.1 | **CF** | 0 | 0 | 38249.8 | **SUB** | 0 | 0 | 16829 | **DES** | 0 | 0 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 0 | 54635 |
| 10 | 4100 | **EXC-TUN** | 143 | 14274 | 38540.3 | **CF** | 0 | 0 | 38249.8 | **SUB** | 0 | 0 | 16829 | **DES** | 0 | 0 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 0 | 54635 |
| 10 | 4200 | **EXC-TUN** | 143 | 14274 | 52814.5 | **CF** | 0 | 0 | 38249.8 | **SUB** | 0 | 0 | 16829 | **DES** | 0 | 0 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 0 | 54635 |
| 10 | 4300 | **EXC-TUN** | 143 | 14274 | 67088.7 | **CF** | 0 | 0 | 38249.8 | **SUB** | 0 | 0 | 16829 | **DES** | 0 | 0 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 0 | 54635 |
| 10 | 4400 | **EXC-TUN** | 143 | 14274 | 81362.9 | **CF** | 0 | 0 | 38249.8 | **SUB** | 0 | 0 | 16829 | **DES** | 0 | 0 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 0 | 54635 |
| 10 | 4500 | **EXC-TUN** | 143 | 14274 | 95637.1 | **CF** | 0 | 0 | 38249.8 | **SUB** | 0 | 0 | 16829 | **DES** | 0 | 0 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 0 | 54635 |
| 10 | 4600 | **EXC-TUN** | 143 | 14274 | 109911.3 | **CF** | 0 | 0 | 38249.8 | **SUB** | 0 | 0 | 16829 | **DES** | 0 | 0 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 0 | 54635 |
| 10 | 4700 | **EXC-TUN** | 143 | 14274 | 124185.5 | **CF** | 0 | 0 | 38249.8 | **SUB** | 0 | 0 | 16829 | **DES** | 0 | 0 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 0 | 54635 |
| 10 | 4800 | **EXC-TUN** | 143 | 14274 | 138459.7 | **CF** | 0 | 0 | 38249.8 | **SUB** | 0 | 0 | 16829 | **DES** | 0 | 0 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 0 | 54635 |
| 10 | 4900 | **EXC-TUN** | 143 | 14274 | 152733.9 | **CF** | 0 | 0 | 38249.8 | **SUB** | 0 | 0 | 16829 | **DES** | 0 | 0 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 0 | 54635 |
| 10 | 5000 | **EXC-TUN** | 143 | 14274 | 167008 | **CF** | 0 | 0 | 38249.8 | **SUB** | 0 | 0 | 16829 | **DES** | 0 | 0 | 483923.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 0 | 0 | 54635 |
| 10 | 5100 | **EXC-TUN** | 0 | 8564.5 | 175572.6 | **CF** | 10 | 349.99 | 38599.8 | **SUB** | 4.4 | 153.98 | 16983 | **DES** | 429.1 | 22201.6 | 506124.7 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 23.8 | 1106.79 | 55742 |
| 10 | 5200 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 1000.02 | 39599.8 | **SUB** | 4.4 | 439.94 | 17423 | **DES** | 30.19 | 21473.4 | 527598.1 | **TERR** | 0 | 0 | 136449 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 11.8 | 1807.3 | 57550 |
| 10 | 5300 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 1000.01 | 40599.8 | **SUB** | 4.399 | 439.97 | 17863 | **DES** | 0.054 | 394.45 | 527992.6 | **TERR** | 12.59 | 926.18 | 137375 | **SANEO** | 0 | 0 | 60045.8 | **VEGETAL** | 8.32 | 890.83 | 58440 |
| 10 | 5400 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 999.98 | 41599.8 | **SUB** | 4.399 | 439.95 | 18303 | **DES** | 0 | 0.27 | 527992.8 | **TERR** | 24.36 | 1900.4 | 139275 | **SANEO** | 24.91 | 124.53 | 60170.3 | **VEGETAL** | 8.69 | 799.2 | 59240 |
| 10 | 5500 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 1000.04 | 42599.8 | **SUB** | 4.4 | 439.95 | 18743 | **DES** | 7.153 | 71.28 | 528064.1 | **TERR** | 0.002 | 1584 | 140859 | **SANEO** | 0.876 | 2169.15 | 62339.5 | **VEGETAL** | 10.7 | 935.29 | 60175 |
| 10 | 5600 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 999.99 | 43599.8 | **SUB** | 4.4 | 439.95 | 19183 | **DES** | 112.7 | 5582.69 | 533646.8 | **TERR** | 0 | 0.01 | 140859 | **SANEO** | 0 | 4.38 | 62343.9 | **VEGETAL** | 15 | 1281.06 | 61456 |
| 10 | 5700 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 1000.01 | 44599.8 | **SUB** | 4.4 | 439.95 | 19623 | **DES** | 452.3 | 25692.2 | 559339 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 25.6 | 1910.24 | 63366 |
| 10 | 5800 | **EXC-TUN** | 0 | 0 | 175572.6 | **CF** | 10 | 1000.02 | 45599.8 | **SUB** | 4.399 | 439.96 | 20062 | **DES** | 1266 | 76749.2 | 636088.1 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 39.1 | 3181.7 | 66548 |
| 10 | 5900 | **EXC-TUN** | 143 | 12847 | 188419.3 | **CF** | 0 | 50 | 45649.8 | **SUB** | 0 | 22 | 20084 | **DES** | 0 | 12143.5 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 382.51 | 66930 |
| 10 | 6000 | **EXC-TUN** | 143 | 14274 | 202693.5 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 6100 | **EXC-TUN** | 143 | 14274 | 216967.7 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 6200 | **EXC-TUN** | 143 | 14274 | 231241.9 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 6300 | **EXC-TUN** | 143 | 14274 | 245516.1 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 6400 | **EXC-TUN** | 143 | 14274 | 259790.3 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 6500 | **EXC-TUN** | 143 | 14274 | 274064.5 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 6600 | **EXC-TUN** | 143 | 14274 | 288338.7 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 6700 | **EXC-TUN** | 143 | 14274 | 302612.8 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 6800 | **EXC-TUN** | 143 | 14274 | 316886.9 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 6900 | **EXC-TUN** | 143 | 14274 | 331160.9 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 7000 | **EXC-TUN** | 143 | 14274 | 345434.8 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 7100 | **EXC-TUN** | 143 | 14274 | 359708.7 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 7200 | **EXC-TUN** | 143 | 14274 | 373982.5 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 7300 | **EXC-TUN** | 143 | 14274 | 388256.4 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 7400 | **EXC-TUN** | 143 | 14274 | 402530.3 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 7500 | **EXC-TUN** | 143 | 14274 | 416804.1 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 7600 | **EXC-TUN** | 143 | 14274 | 431078 | **CF** | 0 | 0 | 45649.8 | **SUB** | 0 | 0 | 20084 | **DES** | 0 | 0 | 648231.7 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 66930 |
| 10 | 7700 | **EXC-TUN** | 0 | 4282.2 | 435360.2 | **CF** | 6.5 | 421.76 | 46071.6 | **SUB** | 4.401 | 285.99 | 20370 | **DES** | 248.2 | 40425.5 | 688657.1 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 12.1 | 1150.36 | 68081 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 7800 | **EXC-TUN** | 0 | 0 | 435360.2 | **CF** | 6.5 | 648.87 | 46720.5 | **SUB** | 4.401 | 440 | 20810 | **DES** | 295.6 | 34685.1 | 723342.2 | **TERR** | 0 | 0 | 140859 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 10.8 | 1222.24 | 69303 |
| 10 | 7900 | **EXC-TUN** | 0 | 0 | 435360.2 | **CF** | 0 | 695.86 | 47416.3 | **SUB** | 0 | 385.01 | 21195 | **DES** | 0 | 8078.38 | 731420.6 | **TERR** | 0 | 3035.1 | 143894 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 784.94 | 70088 |
| 10 | 8000 | **EXC-TUN** | 0 | 0 | 435360.2 | **CF** | 0 | 0 | 47416.3 | **SUB** | 0 | 0 | 21195 | **DES** | 0 | 0 | 731420.6 | **TERR** | 0 | 0 | 143894 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 70088 |
| 10 | 8100 | **EXC-TUN** | 0 | 0 | 435360.2 | **CF** | 0 | 0 | 47416.3 | **SUB** | 0 | 0 | 21195 | **DES** | 0 | 0 | 731420.6 | **TERR** | 0 | 0 | 143894 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 70088 |
| 10 | 8200 | **EXC-TUN** | 0 | 0 | 435360.2 | **CF** | 6.5 | 355.82 | 47772.1 | **SUB** | 4.401 | 209 | 21404 | **DES** | 372.7 | 5936.01 | 737356.6 | **TERR** | 0 | 946.01 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 11.8 | 421.94 | 70510 |
| 10 | 8300 | **EXC-TUN** | 0 | 0 | 435360.2 | **CF** | 6.5 | 648.87 | 48421 | **SUB** | 4.401 | 440 | 21844 | **DES** | 960.7 | 77617 | 814973.6 | **TERR** | 0 | 0 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 18.1 | 1631.29 | 72141 |
| 10 | 8400 | **EXC-TUN** | 143 | 7850.6 | 443210.8 | **CF** | 0 | 291.99 | 48713 | **SUB** | 0 | 198 | 22042 | **DES** | 0 | 43169 | 858142.6 | **TERR** | 0 | 0 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 810.8 | 72952 |
| 10 | 8500 | **EXC-TUN** | 143 | 14274 | 457484.7 | **CF** | 0 | 0 | 48713 | **SUB** | 0 | 0 | 22042 | **DES** | 0 | 0 | 858142.6 | **TERR** | 0 | 0 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 72952 |
| 10 | 8600 | **EXC-TUN** | 143 | 14274 | 471758.5 | **CF** | 0 | 0 | 48713 | **SUB** | 0 | 0 | 22042 | **DES** | 0 | 0 | 858142.6 | **TERR** | 0 | 0 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 72952 |
| 10 | 8700 | **EXC-TUN** | 143 | 14274 | 486032.4 | **CF** | 0 | 0 | 48713 | **SUB** | 0 | 0 | 22042 | **DES** | 0 | 0 | 858142.6 | **TERR** | 0 | 0 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 0 | 0 | 72952 |
| 10 | 8800 | **EXC-TUN** | 0 | 4995.9 | 491028.2 | **CF** | 6.5 | 421.74 | 49134.7 | **SUB** | 4.4 | 286 | 22328 | **DES** | 508.7 | 40520.9 | 898663.5 | **TERR** | 0 | 0 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 16.6 | 1222.86 | 74175 |
| 10 | 8900 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 6.5 | 648.86 | 49783.6 | **SUB** | 4.4 | 439.99 | 22768 | **DES** | 1045 | 67761.9 | 966425.4 | **TERR** | 0 | 0 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 22.9 | 1867.41 | 76042 |
| 10 | 9000 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 6.5 | 648.86 | 50432.5 | **SUB** | 4.4 | 439.99 | 23208 | **DES** | 1957 | 150066 | 1116491 | **TERR** | 0 | 0 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 31.8 | 2731.65 | 78774 |
| 10 | 9100 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 6.5 | 648.86 | 51081.3 | **SUB** | 4.4 | 439.98 | 23648 | **DES** | 1877 | 202538 | 1319029 | **TERR** | 0 | 0 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 29.7 | 3227 | 82001 |
| 10 | 9200 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 6.5 | 648.86 | 51730.2 | **SUB** | 4.399 | 439.99 | 24088 | **DES** | 1544 | 164998 | 1484027 | **TERR** | 0 | 0 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 28.5 | 2864.03 | 84865 |
| 10 | 9300 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 6.5 | 648.89 | 52379.1 | **SUB** | 4.4 | 439.99 | 24528 | **DES** | 1231 | 145841 | 1629868 | **TERR** | 0 | 0 | 144840 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 26.2 | 2777.28 | 87642 |
| 10 | 9400 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 6.5 | 648.86 | 53027.9 | **SUB** | 4.4 | 439.97 | 24968 | **DES** | 1124 | 104874 | 1734742 | **TERR** | 0 | 0.34 | 144841 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 25.4 | 2428.44 | 90071 |
| 10 | 9500 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 6.5 | 648.86 | 53676.8 | **SUB** | 4.4 | 439.96 | 25408 | **DES** | 789.6 | 100551 | 1835293 | **TERR** | 0 | 0 | 144841 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 21.3 | 2449.62 | 92520 |
| 10 | 9600 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 6.5 | 648.88 | 54325.7 | **SUB** | 4.4 | 439.98 | 25848 | **DES** | 150.9 | 46756.5 | 1882049 | **TERR** | 0 | 0 | 144841 | **SANEO** | 0 | 0 | 62343.9 | **VEGETAL** | 11.8 | 1734.67 | 94255 |
| 10 | 9700 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 8.4 | 876.4 | 55202.1 | **SUB** | 0 | 429.02 | 26277 | **DES** | 0 | 3094.99 | 1885144 | **TERR** | 107.9 | 6314.4 | 151155 | **SANEO** | 27.86 | 4218.86 | 66562.7 | **VEGETAL** | 4.21 | 1022.01 | 95277 |
| 10 | 9800 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 0 | 42.01 | 55244.1 | **SUB** | 0 | 0 | 26277 | **DES** | 0 | 0 | 1885144 | **TERR** | 0 | 539.73 | 151695 | **SANEO** | 0 | 139.29 | 66702 | **VEGETAL** | 0 | 21.03 | 95298 |
| 10 | 9900 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 0 | 0 | 55244.1 | **SUB** | 0 | 0 | 26277 | **DES** | 0 | 0 | 1885144 | **TERR** | 0 | 0 | 151695 | **SANEO** | 0 | 0 | 66702 | **VEGETAL** | 0 | 0 | 95298 |
| 10 | 10000 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 0 | 0 | 55244.1 | **SUB** | 0 | 0 | 26277 | **DES** | 0 | 0 | 1885144 | **TERR** | 0 | 0 | 151695 | **SANEO** | 0 | 0 | 66702 | **VEGETAL** | 0 | 0 | 95298 |
| 10 | 10100 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 0 | 0 | 55244.1 | **SUB** | 0 | 0 | 26277 | **DES** | 0 | 0 | 1885144 | **TERR** | 0 | 0 | 151695 | **SANEO** | 0 | 0 | 66702 | **VEGETAL** | 0 | 0 | 95298 |
| 10 | 10200 | **EXC-TUN** | 0 | 0 | 491028.2 | **CF** | 9 | 488.45 | 55732.5 | **SUB** | 4.401 | 209.01 | 26486 | **DES** | 39.85 | 352.91 | 1885497 | **TERR** | 5.15 | 4637.7 | 156333 | **SANEO** | 28.63 | 2811.33 | 69513.3 | **VEGETAL** | 9.38 | 487.6 | 95786 |
| 10 | 10300 | **EXC-TUN** | 143 | 1427.4 | 492455.7 | **CF** | 0 | 564.08 | 56296.6 | **SUB** | 0 | 374.02 | 26860 | **DES** | 0 | 39688 | 1925185 | **TERR** | 0 | 25.75 | 156358 | **SANEO** | 0 | 143.14 | 69656.5 | **VEGETAL** | 0 | 1513.49 | 97299 |
| 10 | 10400 | **EXC-TUN** | 143 | 14274 | 506729.9 | **CF** | 0 | 0 | 56296.6 | **SUB** | 0 | 0 | 26860 | **DES** | 0 | 0 | 1925185 | **TERR** | 0 | 0 | 156358 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 0 | 0 | 97299 |
| 10 | 10500 | **EXC-TUN** | 143 | 14274 | 521004.1 | **CF** | 0 | 0 | 56296.6 | **SUB** | 0 | 0 | 26860 | **DES** | 0 | 0 | 1925185 | **TERR** | 0 | 0 | 156358 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 0 | 0 | 97299 |
| 10 | 10600 | **EXC-TUN** | 143 | 14274 | 535278.3 | **CF** | 0 | 0 | 56296.6 | **SUB** | 0 | 0 | 26860 | **DES** | 0 | 0 | 1925185 | **TERR** | 0 | 0 | 156358 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 0 | 0 | 97299 |
| 10 | 10700 | **EXC-TUN** | 0 | 5709.7 | 540988 | **CF** | 6.5 | 356.88 | 56653.5 | **SUB** | 4.401 | 242.01 | 27102 | **DES** | 319.6 | 35605.7 | 1960791 | **TERR** | 0 | 0 | 156358 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 12.3 | 1024.4 | 98323 |
| 10 | 10800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 347.47 | 57001 | **SUB** | 4.4 | 198.01 | 27300 | **DES** | 75.33 | 4700.68 | 1965491 | **TERR** | 0 | 874.12 | 157232 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 9.96 | 418.47 | 98742 |
| 10 | 10900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 648.88 | 57649.9 | **SUB** | 4.4 | 440.01 | 27740 | **DES** | 47.98 | 33827.3 | 1999319 | **TERR** | 0 | 0 | 157232 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 7.81 | 1324.91 | 100067 |
| 10 | 11000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 955.44 | 58605.3 | **SUB** | 4.4 | 440.03 | 28180 | **DES** | 0 | 568.6 | 1999887 | **TERR** | 301.2 | 13724 | 170957 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 15.5 | 1128.8 | 101196 |
| 10 | 11100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 59605.3 | **SUB** | 4.4 | 440 | 28620 | **DES** | 0 | 0 | 1999887 | **TERR** | 70.54 | 13402 | 184359 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 8.61 | 1085.97 | 102282 |
| 10 | 11200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 60605.3 | **SUB** | 4.401 | 440.01 | 29060 | **DES** | 0 | 0 | 1999887 | **TERR** | 134.7 | 9604.3 | 193963 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 11.1 | 960.07 | 103242 |
| 10 | 11300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 61605.2 | **SUB** | 4.4 | 440.02 | 29500 | **DES** | 0 | 0 | 1999887 | **TERR** | 60.96 | 11526 | 205489 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 8.38 | 1044.68 | 104286 |
| 10 | 11400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 7.6 | 867.57 | 62472.8 | **SUB** | 4.4 | 440.01 | 29940 | **DES** | 16.37 | 937.62 | 2000825 | **TERR** | 0.791 | 1581.8 | 207071 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 7.21 | 780.98 | 105067 |
| 10 | 11500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 681.71 | 63154.5 | **SUB** | 4.4 | 440.03 | 30381 | **DES** | 34.52 | 3869.22 | 2004694 | **TERR** | 0 | 29.21 | 207100 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 8.08 | 791.7 | 105859 |
| 10 | 11600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 8 | 658.14 | 63812.6 | **SUB** | 4.4 | 440 | 30821 | **DES** | 12.07 | 1999.77 | 2006694 | **TERR** | 0.17 | 0.87 | 207101 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 7.21 | 779.53 | 106639 |
| 10 | 11700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 934.99 | 64747.6 | **SUB** | 4.401 | 440.01 | 31261 | **DES** | 0 | 384.93 | 2007079 | **TERR** | 33.72 | 1683.9 | 208785 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 6.75 | 720.47 | 107359 |
| 10 | 11800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 9.8 | 998.71 | 65746.3 | **SUB** | 4.4 | 440.02 | 31701 | **DES** | 0.529 | 3.4 | 2007082 | **TERR** | 13.4 | 2700.8 | 211485 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 7.05 | 658.39 | 108017 |
| 10 | 11900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 854.04 | 66600.4 | **SUB** | 4.4 | 440.01 | 32141 | **DES** | 10.58 | 353.4 | 2007436 | **TERR** | 0 | 421.68 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 7.87 | 707.23 | 108725 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 12000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 648.88 | 67249.3 | **SUB** | 4.4 | 440.03 | 32581 | **DES** | 63.33 | 3114.11 | 2010550 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 8.99 | 834.51 | 109559 |
| 10 | 12100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 648.89 | 67898.1 | **SUB** | 4.4 | 440 | 33021 | **DES** | 77.12 | 8527.61 | 2019077 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 9.22 | 935.34 | 110495 |
| 10 | 12200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 648.88 | 68547 | **SUB** | 4.401 | 440.01 | 33461 | **DES** | 75.38 | 7152.02 | 2026229 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 9.23 | 914.66 | 111409 |
| 10 | 12300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 648.89 | 69195.9 | **SUB** | 4.4 | 440.02 | 33901 | **DES** | 136.8 | 10361.3 | 2036591 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 10.2 | 968.46 | 112378 |
| 10 | 12400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 648.88 | 69844.8 | **SUB** | 4.4 | 440.01 | 34341 | **DES** | 211.7 | 17755.3 | 2054346 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 11.2 | 1075.65 | 113453 |
| 10 | 12500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 648.88 | 70493.7 | **SUB** | 4.4 | 440.03 | 34781 | **DES** | 240.6 | 22887.7 | 2077234 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 11.7 | 1147.28 | 114601 |
| 10 | 12600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 5.7 | 630.84 | 71124.5 | **SUB** | 0 | 330 | 35111 | **DES** | 200.2 | 25048.7 | 2102282 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 5.41 | 1042.71 | 115643 |
| 10 | 12700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6 | 573.16 | 71697.7 | **SUB** | 0 | 0 | 35111 | **DES** | 388.8 | 22138.2 | 2124420 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 8.11 | 554.67 | 116198 |
| 10 | 12800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 640.89 | 72338.6 | **SUB** | 4.4 | 374.01 | 35485 | **DES** | 871.2 | 75976 | 2200396 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 20.2 | 1853.62 | 118052 |
| 10 | 12900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 648.88 | 72987.4 | **SUB** | 4.4 | 440.01 | 35925 | **DES** | 1002 | 91369 | 2291765 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 21.3 | 2052.75 | 120104 |
| 10 | 13000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 648.88 | 73636.3 | **SUB** | 4.4 | 440.03 | 36365 | **DES** | 1078 | 105635 | 2397400 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 22.8 | 2184.79 | 122289 |
| 10 | 13100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 648.89 | 74285.2 | **SUB** | 4.4 | 440 | 36805 | **DES** | 1032 | 104678 | 2502078 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 21.5 | 2181.67 | 124471 |
| 10 | 13200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 615.39 | 74900.6 | **SUB** | 4.201 | 439.01 | 37244 | **DES** | 0 | 88489.4 | 2590567 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 0 | 1912.21 | 126383 |
| 10 | 13300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 74900.6 | **SUB** | 0 | 147.02 | 37391 | **DES** | 0 | 0 | 2590567 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 0 | 0 | 126383 |
| 10 | 13400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 74900.6 | **SUB** | 0 | 0 | 37391 | **DES** | 0 | 0 | 2590567 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 0 | 0 | 126383 |
| 10 | 13500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 74900.6 | **SUB** | 0 | 0 | 37391 | **DES** | 0 | 0 | 2590567 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 0 | 0 | 126383 |
| 10 | 13600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 74900.6 | **SUB** | 0 | 0 | 37391 | **DES** | 0 | 0 | 2590567 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 0 | 0 | 126383 |
| 10 | 13700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 74900.6 | **SUB** | 0 | 0 | 37391 | **DES** | 0 | 0 | 2590567 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 0 | 0 | 126383 |
| 10 | 13800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 74900.6 | **SUB** | 0 | 0 | 37391 | **DES** | 0 | 0 | 2590567 | **TERR** | 0 | 0 | 211907 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 0 | 0 | 126383 |
| 10 | 13900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 184.02 | 75084.6 | **SUB** | 4.4 | 66 | 37457 | **DES** | 0 | 0 | 2590567 | **TERR** | 209.9 | 2718.4 | 214626 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 14.1 | 144.69 | 126528 |
| 10 | 14000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 76084.6 | **SUB** | 4.4 | 439.99 | 37897 | **DES** | 0 | 0 | 2590567 | **TERR** | 210.3 | 20620 | 235246 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 13.1 | 1306.45 | 127834 |
| 10 | 14100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000.01 | 77084.6 | **SUB** | 4.399 | 439.99 | 38337 | **DES** | 0 | 0 | 2590567 | **TERR** | 216.1 | 21462 | 256708 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 13.1 | 1312.27 | 129146 |
| 10 | 14200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 500 | 77584.6 | **SUB** | 4.401 | 439.97 | 38777 | **DES** | 0 | 0 | 2590567 | **TERR** | 198.5 | 21468 | 278175 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 12.7 | 1296.6 | 130443 |
| 10 | 14300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 78584.6 | **SUB** | 4.401 | 440 | 39217 | **DES** | 0 | 0 | 2590567 | **TERR** | 159.9 | 17459 | 295634 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 11.5 | 1198.6 | 131642 |
| 10 | 14400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 79584.6 | **SUB** | 4.401 | 440 | 39657 | **DES** | 0 | 0 | 2590567 | **TERR** | 130.9 | 15112 | 310746 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 10.7 | 1129.23 | 132771 |
| 10 | 14500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 80584.6 | **SUB** | 4.401 | 440 | 40097 | **DES** | 0 | 0 | 2590567 | **TERR** | 91.56 | 10406 | 321151 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 9.26 | 972.7 | 133744 |
| 10 | 14600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 81584.6 | **SUB** | 4.401 | 440 | 40537 | **DES** | 0 | 0 | 2590567 | **TERR** | 105.7 | 9867.4 | 331019 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 9.77 | 951.98 | 134696 |
| 10 | 14700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 82584.5 | **SUB** | 4.401 | 440 | 40977 | **DES** | 0 | 0 | 2590567 | **TERR** | 86.92 | 10475 | 341493 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 9.08 | 973.27 | 135669 |
| 10 | 14800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 83584.5 | **SUB** | 4.4 | 440 | 41417 | **DES** | 0 | 0 | 2590567 | **TERR** | 61 | 7525.2 | 349019 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 8.03 | 861.2 | 136530 |
| 10 | 14900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 84584.5 | **SUB** | 4.4 | 439.98 | 41857 | **DES** | 0 | 0 | 2590567 | **TERR** | 65.57 | 6999.2 | 356018 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 8.24 | 840.01 | 137370 |
| 10 | 15000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 400 | 84984.5 | **SUB** | 4.4 | 440 | 42297 | **DES** | 0 | 0 | 2590567 | **TERR** | 62.89 | 7702 | 363720 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 8.11 | 844.35 | 138214 |
| 10 | 15100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 85984.5 | **SUB** | 4.4 | 439.98 | 42737 | **DES** | 0 | 0 | 2590567 | **TERR** | 57.99 | 5619.5 | 369339 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 7.89 | 781.37 | 138996 |
| 10 | 15200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 86984.4 | **SUB** | 4.4 | 439.98 | 43177 | **DES** | 0 | 0 | 2590567 | **TERR** | 110.7 | 7958.7 | 377298 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 9.94 | 878.11 | 139874 |
| 10 | 15300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 87984.4 | **SUB** | 4.4 | 439.98 | 43617 | **DES** | 0 | 0 | 2590567 | **TERR** | 88.14 | 12936 | 390234 | **SANEO** | 0 | 0 | 69656.5 | **VEGETAL** | 9.12 | 1055.5 | 140929 |
| 10 | 15400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 576.04 | 88560.5 | **SUB** | 4.4 | 220 | 43837 | **DES** | 0 | 0 | 2590567 | **TERR** | 46.79 | 3352.7 | 393587 | **SANEO** | 49.32 | 780.3 | 70436.8 | **VEGETAL** | 7.99 | 421.53 | 141351 |
| 10 | 15500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 89560.4 | **SUB** | 4.4 | 439.98 | 44277 | **DES** | 0 | 0 | 2590567 | **TERR** | 37.57 | 3541.3 | 397128 | **SANEO** | 47.69 | 4584.45 | 75021.2 | **VEGETAL** | 7.56 | 743.37 | 142094 |
| 10 | 15600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 90560.4 | **SUB** | 4.4 | 439.98 | 44717 | **DES** | 0 | 0 | 2590567 | **TERR** | 131.3 | 8028.6 | 405157 | **SANEO** | 71.93 | 5961.35 | 80982.6 | **VEGETAL** | 11.2 | 933.98 | 143028 |
| 10 | 15700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 91560.4 | **SUB** | 4.4 | 439.98 | 45157 | **DES** | 0 | 0 | 2590567 | **TERR** | 107.4 | 14680 | 419837 | **SANEO** | 63.75 | 7352.38 | 88335 | **VEGETAL** | 10.4 | 1169.46 | 144198 |
| 10 | 15800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 92560.4 | **SUB** | 4.4 | 439.98 | 45597 | **DES** | 0 | 0 | 2590567 | **TERR** | 99.18 | 9980.9 | 429817 | **SANEO** | 60.76 | 6147.26 | 94482.2 | **VEGETAL** | 10.1 | 1013.84 | 145212 |
| 10 | 15900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 636.01 | 93196.4 | **SUB** | 4.4 | 274.99 | 45872 | **DES** | 0 | 0 | 2590567 | **TERR** | 76.99 | 5174.8 | 434992 | **SANEO** | 58.42 | 3423.81 | 97906 | **VEGETAL** | 9.3 | 550.93 | 145762 |
| 10 | 16000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 94196.3 | **SUB** | 4.4 | 439.99 | 46312 | **DES** | 0 | 0 | 2590567 | **TERR** | 115.9 | 8954.5 | 443947 | **SANEO** | 69.23 | 6189.4 | 104095 | **VEGETAL** | 10.7 | 977.08 | 146740 |
| 10 | 16100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 95196.3 | **SUB** | 4.4 | 439.98 | 46752 | **DES** | 0 | 0 | 2590567 | **TERR** | 170.2 | 15259 | 459205 | **SANEO** | 79.53 | 7626.72 | 111722 | **VEGETAL** | 12.5 | 1187.69 | 147927 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 16200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 96196.3 | **SUB** | 4.399 | 439.98 | 47192 | **DES** | 0 | 0 | 2590567 | **TERR** | 141.1 | 14504 | 473710 | **SANEO** | 73.99 | 7470.39 | 119193 | **VEGETAL** | 11.6 | 1168.89 | 149096 |
| 10 | 16300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 97196.3 | **SUB** | 4.4 | 439.96 | 47631 | **DES** | 0 | 0 | 2590567 | **TERR** | 93.6 | 11952 | 485662 | **SANEO** | 63.47 | 6907.18 | 126100 | **VEGETAL** | 9.89 | 1080.81 | 150177 |
| 10 | 16400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 98196.3 | **SUB** | 4.4 | 439.99 | 48071 | **DES** | 0 | 0 | 2590567 | **TERR** | 72.85 | 7679.4 | 493341 | **SANEO** | 57.54 | 5900.52 | 132000 | **VEGETAL** | 9.13 | 928.05 | 151105 |
| 10 | 16500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 99196.3 | **SUB** | 4.4 | 439.98 | 48511 | **DES** | 0 | 0 | 2590567 | **TERR** | 64.83 | 6834 | 500175 | **SANEO** | 55.18 | 5609.43 | 137610 | **VEGETAL** | 8.8 | 894.11 | 151999 |
| 10 | 16600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 100196 | **SUB** | 4.4 | 439.97 | 48951 | **DES** | 0 | 0 | 2590567 | **TERR** | 56.3 | 6175.9 | 506351 | **SANEO** | 52.7 | 5429.99 | 143040 | **VEGETAL** | 8.43 | 866.27 | 152865 |
| 10 | 16700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 101196 | **SUB** | 4.4 | 439.98 | 49391 | **DES** | 0 | 0 | 2590567 | **TERR** | 46.05 | 5134.2 | 511485 | **SANEO** | 49.6 | 5120.3 | 148160 | **VEGETAL** | 7.96 | 820.2 | 153686 |
| 10 | 16800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 102196 | **SUB** | 4.4 | 439.98 | 49831 | **DES** | 0 | 0 | 2590567 | **TERR** | 81.12 | 6154.6 | 517640 | **SANEO** | 59.66 | 5374.36 | 153534 | **VEGETAL** | 9.44 | 860.41 | 154546 |
| 10 | 16900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 103196 | **SUB** | 4.4 | 439.99 | 50271 | **DES** | 0 | 0 | 2590567 | **TERR** | 47.33 | 4994.3 | 522634 | **SANEO** | 51.06 | 5139.04 | 158673 | **VEGETAL** | 8.03 | 812.19 | 155358 |
| 10 | 17000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 104196 | **SUB** | 4.4 | 439.98 | 50711 | **DES** | 0 | 0 | 2590567 | **TERR** | 41.74 | 4550.8 | 527185 | **SANEO** | 48.79 | 5013.41 | 163687 | **VEGETAL** | 7.76 | 794.15 | 156152 |
| 10 | 17100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 105196 | **SUB** | 4.4 | 439.97 | 51151 | **DES** | 0 | 0 | 2590567 | **TERR** | 25.18 | 3511.2 | 530696 | **SANEO** | 42.56 | 4608.79 | 168296 | **VEGETAL** | 6.91 | 740.7 | 156893 |
| 10 | 17200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 106196 | **SUB** | 4.4 | 439.98 | 51591 | **DES** | 0 | 0 | 2590567 | **TERR** | 30.08 | 2753.3 | 533449 | **SANEO** | 44.39 | 4344.22 | 172640 | **VEGETAL** | 7.17 | 703.4 | 157596 |
| 10 | 17300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 107196 | **SUB** | 4.4 | 439.98 | 52031 | **DES** | 0 | 0 | 2590567 | **TERR** | 27.01 | 2919.4 | 536369 | **SANEO** | 43.9 | 4458.73 | 177099 | **VEGETAL** | 7.02 | 712.97 | 158309 |
| 10 | 17400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 108196 | **SUB** | 4.4 | 439.99 | 52471 | **DES** | 0 | 0 | 2590567 | **TERR** | 48.1 | 2976 | 539345 | **SANEO** | 49.85 | 4426.78 | 181525 | **VEGETAL** | 8.05 | 714.89 | 159024 |
| 10 | 17500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 109196 | **SUB** | 4.4 | 439.96 | 52911 | **DES** | 0 | 0 | 2590567 | **TERR** | 140.6 | 10163 | 549507 | **SANEO** | 74.48 | 6442.61 | 187968 | **VEGETAL** | 11.5 | 1015.57 | 160040 |
| 10 | 17600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 794 | 109990 | **SUB** | 0 | 341 | 53252 | **DES** | 0 | 0 | 2590567 | **TERR** | 0 | 7137.6 | 556645 | **SANEO** | 0 | 4871.56 | 192840 | **VEGETAL** | 0 | 761.27 | 160801 |
| 10 | 17700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 794 | 110784 | **SUB** | 4.4 | 340.98 | 53593 | **DES** | 0 | 0 | 2590567 | **TERR** | 67.37 | 4668.5 | 561313 | **SANEO** | 56.5 | 4240.3 | 197080 | **VEGETAL** | 8.86 | 663.16 | 161464 |
| 10 | 17800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 111784 | **SUB** | 4.4 | 439.98 | 54033 | **DES** | 0 | 0 | 2590567 | **TERR** | 83.01 | 7666.1 | 568979 | **SANEO** | 56.07 | 5701.55 | 202781 | **VEGETAL** | 9.49 | 921.83 | 162386 |
| 10 | 17900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 112784 | **SUB** | 4.4 | 439.97 | 54473 | **DES** | 0 | 0 | 2590567 | **TERR** | 92.17 | 8393.5 | 577373 | **SANEO** | 58.39 | 5796.13 | 208578 | **VEGETAL** | 9.82 | 951.93 | 163338 |
| 10 | 18000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 113784 | **SUB** | 4.4 | 439.99 | 54913 | **DES** | 0 | 0 | 2590567 | **TERR** | 74.46 | 7965.9 | 585339 | **SANEO** | 57.53 | 5612.66 | 214190 | **VEGETAL** | 9.2 | 936.69 | 164275 |
| 10 | 18100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 114784 | **SUB** | 4.4 | 439.97 | 55353 | **DES** | 0 | 0 | 2590567 | **TERR** | 68.71 | 7231.8 | 592571 | **SANEO** | 52.38 | 5584.94 | 219775 | **VEGETAL** | 8.93 | 910.33 | 165185 |
| 10 | 18200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 115784 | **SUB** | 4.4 | 439.98 | 55793 | **DES** | 0 | 0 | 2590567 | **TERR** | 80.68 | 7296.2 | 599867 | **SANEO** | 59.52 | 5404.48 | 225180 | **VEGETAL** | 9.84 | 917.76 | 166103 |
| 10 | 18300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 116784 | **SUB** | 4.4 | 439.98 | 56233 | **DES** | 0 | 0 | 2590567 | **TERR** | 83.41 | 7908.8 | 607776 | **SANEO** | 55.97 | 5535.78 | 230715 | **VEGETAL** | 9.49 | 935.7 | 167038 |
| 10 | 18400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 117784 | **SUB** | 4.4 | 439.98 | 56673 | **DES** | 0 | 0 | 2590567 | **TERR** | 70.35 | 7873.2 | 615649 | **SANEO** | 53.09 | 5488.01 | 236203 | **VEGETAL** | 8.97 | 930.46 | 167969 |
| 10 | 18500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 118784 | **SUB** | 4.4 | 439.98 | 57113 | **DES** | 0 | 0 | 2590567 | **TERR** | 66.66 | 7035.5 | 622684 | **SANEO** | 51.78 | 5300.83 | 241504 | **VEGETAL** | 8.84 | 898.95 | 168868 |
| 10 | 18600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 119784 | **SUB** | 4.4 | 439.98 | 57553 | **DES** | 0 | 0 | 2590567 | **TERR** | 59.05 | 6254.3 | 628939 | **SANEO** | 51.66 | 5201.33 | 246706 | **VEGETAL** | 8.53 | 867.35 | 169735 |
| 10 | 18700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 120784 | **SUB** | 4.4 | 439.98 | 57993 | **DES** | 0 | 0 | 2590567 | **TERR** | 52.37 | 5571.4 | 634510 | **SANEO** | 49.66 | 5066.38 | 251772 | **VEGETAL** | 8.23 | 837.84 | 170573 |
| 10 | 18800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 121784 | **SUB** | 4.4 | 439.97 | 58433 | **DES** | 0 | 0 | 2590567 | **TERR** | 45.13 | 4886 | 639396 | **SANEO** | 49.44 | 4863.23 | 256635 | **VEGETAL** | 7.93 | 806.86 | 171380 |
| 10 | 18900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 122784 | **SUB** | 4.4 | 439.97 | 58873 | **DES** | 0 | 0 | 2590567 | **TERR** | 53.18 | 4520.6 | 643917 | **SANEO** | 50.7 | 4882.75 | 261518 | **VEGETAL** | 8.27 | 791.36 | 172171 |
| 10 | 19000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 123784 | **SUB** | 4.4 | 439.98 | 59313 | **DES** | 0 | 0 | 2590567 | **TERR** | 53.68 | 5815.1 | 649732 | **SANEO** | 47.74 | 5038.22 | 266556 | **VEGETAL** | 8.25 | 847.74 | 173019 |
| 10 | 19100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 124784 | **SUB** | 4.4 | 439.98 | 59753 | **DES** | 0 | 0 | 2590567 | **TERR** | 52.56 | 5189.8 | 654921 | **SANEO** | 48.47 | 4776.05 | 271332 | **VEGETAL** | 8.23 | 818.72 | 173838 |
| 10 | 19200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 125784 | **SUB** | 4.4 | 439.99 | 60193 | **DES** | 0 | 0 | 2590567 | **TERR** | 56.2 | 5746.3 | 660668 | **SANEO** | 49.07 | 4974.59 | 276307 | **VEGETAL** | 8.4 | 845.27 | 174683 |
| 10 | 19300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 126784 | **SUB** | 4.4 | 439.99 | 60633 | **DES** | 0 | 0 | 2590567 | **TERR** | 56.8 | 5172.3 | 665840 | **SANEO** | 49.92 | 4792.61 | 281099 | **VEGETAL** | 8.43 | 818.86 | 175502 |
| 10 | 19400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 392.02 | 127176 | **SUB** | 0 | 165 | 60798 | **DES** | 0 | 0 | 2590567 | **TERR** | 0 | 2392 | 668232 | **SANEO** | 0 | 1970.36 | 283070 | **VEGETAL** | 0 | 318.95 | 175821 |
| 10 | 19500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 586.05 | 127762 | **SUB** | 4.4 | 327 | 61125 | **DES** | 0 | 0 | 2590567 | **TERR** | 53.93 | 2602.3 | 670834 | **SANEO** | 49.44 | 2593.99 | 285664 | **VEGETAL** | 8.29 | 423.66 | 176244 |
| 10 | 19600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 128762 | **SUB** | 4.4 | 439.98 | 61565 | **DES** | 0 | 0 | 2590567 | **TERR** | 91.72 | 8022.8 | 678857 | **SANEO** | 62.06 | 5616.41 | 291280 | **VEGETAL** | 9.84 | 936.32 | 177181 |
| 10 | 19700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 129762 | **SUB** | 4.4 | 439.99 | 62005 | **DES** | 0 | 0 | 2590567 | **TERR** | 98.06 | 9406.5 | 688264 | **SANEO** | 61.25 | 6322.87 | 297603 | **VEGETAL** | 10.1 | 998.49 | 178179 |
| 10 | 19800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 130762 | **SUB** | 4.4 | 439.99 | 62445 | **DES** | 0 | 0 | 2590567 | **TERR** | 73.06 | 9794.2 | 698058 | **SANEO** | 58.03 | 6368.61 | 303972 | **VEGETAL** | 9.28 | 1022.8 | 179202 |
| 10 | 19900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 131762 | **SUB** | 4.4 | 439.98 | 62885 | **DES** | 0 | 0 | 2590567 | **TERR** | 53.03 | 5836.1 | 703894 | **SANEO** | 52.46 | 5371.25 | 309343 | **VEGETAL** | 8.29 | 853.49 | 180056 |
| 10 | 20000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000.01 | 132762 | **SUB** | 4.4 | 439.99 | 63325 | **DES** | 0 | 0 | 2590567 | **TERR** | 89.97 | 6333.8 | 710228 | **SANEO** | 59.13 | 5471.81 | 314815 | **VEGETAL** | 9.77 | 870.15 | 180926 |
| 10 | 20100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 592.01 | 133354 | **SUB** | 0 | 284.99 | 63610 | **DES** | 0 | 0 | 2590567 | **TERR** | 0 | 7525 | 717753 | **SANEO** | 0 | 3594.03 | 318409 | **VEGETAL** | 0 | 592.31 | 181518 |
| 10 | 20200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 690.01 | 134044 | **SUB** | 4.4 | 296.99 | 63907 | **DES** | 0 | 0 | 2590567 | **TERR** | 121.8 | 7919.2 | 725672 | **SANEO** | 62.92 | 4134.93 | 322544 | **VEGETAL** | 14.4 | 913.96 | 182432 |
| 10 | 20300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 135044 | **SUB** | 4.399 | 439.98 | 64347 | **DES** | 0 | 0 | 2590567 | **TERR** | 139.2 | 13243 | 738915 | **SANEO** | 67.74 | 6730.12 | 329274 | **VEGETAL** | 15 | 1480.84 | 183913 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 20400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 136044 | **SUB** | 4.399 | 439.97 | 64787 | **DES** | 0 | 0 | 2590567 | **TERR** | 160 | 14825 | 753740 | **SANEO** | 70.95 | 7022.88 | 336297 | **VEGETAL** | 15.9 | 1553.98 | 185467 |
| 10 | 20500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 137044 | **SUB** | 4.4 | 439.98 | 65227 | **DES** | 0 | 0 | 2590567 | **TERR** | 174.6 | 16386 | 770126 | **SANEO** | 75.2 | 7457.16 | 343754 | **VEGETAL** | 16.6 | 1614.54 | 187081 |
| 10 | 20600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 138044 | **SUB** | 4.399 | 439.96 | 65667 | **DES** | 0 | 0 | 2590567 | **TERR** | 104.9 | 16096 | 786222 | **SANEO** | 59.28 | 7454.31 | 351208 | **VEGETAL** | 13.1 | 1608.91 | 188690 |
| 10 | 20700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 139044 | **SUB** | 4.4 | 439.96 | 66107 | **DES** | 357.7 | 10353 | 2600920 | **TERR** | 0 | 1655 | 787877 | **SANEO** | 0 | 1589.74 | 352798 | **VEGETAL** | 20.9 | 1360.13 | 190050 |
| 10 | 20800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 140044 | **SUB** | 4.4 | 439.98 | 66547 | **DES** | 846.9 | 67488.1 | 2668408 | **TERR** | 0 | 0 | 787877 | **SANEO** | 0 | 0 | 352798 | **VEGETAL** | 30.6 | 2616.7 | 192667 |
| 10 | 20900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.99 | 141044 | **SUB** | 4.4 | 439.97 | 66987 | **DES** | 704.8 | 92281.4 | 2760690 | **TERR** | 0 | 0 | 787877 | **SANEO** | 0 | 0 | 352798 | **VEGETAL** | 29.3 | 3060.61 | 195728 |
| 10 | 21000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 142044 | **SUB** | 4.4 | 439.98 | 67427 | **DES** | 1118 | 89306.4 | 2849996 | **TERR** | 0 | 0 | 787877 | **SANEO** | 0 | 0 | 352798 | **VEGETAL** | 35.2 | 3045.67 | 198773 |
| 10 | 21100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 143044 | **SUB** | 4.4 | 440 | 67867 | **DES** | 1209 | 157201 | 3007197 | **TERR** | 0 | 2.02 | 787879 | **SANEO** | 0 | 0 | 352798 | **VEGETAL** | 34.8 | 3878.94 | 202652 |
| 10 | 21200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.98 | 144044 | **SUB** | 4.401 | 439.99 | 68307 | **DES** | 578.6 | 77003.3 | 3084201 | **TERR** | 0 | 0 | 787879 | **SANEO** | 0 | 0 | 352798 | **VEGETAL** | 25.1 | 2884.03 | 205536 |
| 10 | 21300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 145044 | **SUB** | 4.4 | 440 | 68747 | **DES** | 388.1 | 52525 | 3136726 | **TERR** | 0 | 0 | 787879 | **SANEO** | 0 | 0 | 352798 | **VEGETAL** | 22.3 | 2427.61 | 207964 |
| 10 | 21400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 146044 | **SUB** | 4.4 | 440.01 | 69187 | **DES** | 606.1 | 49093.8 | 3185819 | **TERR** | 0 | 0 | 787879 | **SANEO** | 0 | 0 | 352798 | **VEGETAL** | 25.3 | 2380.48 | 210344 |
| 10 | 21500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 147044 | **SUB** | 4.4 | 440 | 69627 | **DES** | 557.7 | 65435.3 | 3251255 | **TERR** | 0 | 0 | 787879 | **SANEO** | 0 | 0 | 352798 | **VEGETAL** | 24.5 | 2588.66 | 212933 |
| 10 | 21600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 148044 | **SUB** | 4.4 | 440.01 | 70067 | **DES** | 114.2 | 22340.5 | 3273595 | **TERR** | 0 | 0 | 787879 | **SANEO** | 0 | 0 | 352798 | **VEGETAL** | 13.9 | 1683.11 | 214616 |
| 10 | 21700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 149044 | **SUB** | 4.4 | 440.01 | 70507 | **DES** | 58.82 | 9959.01 | 3283554 | **TERR** | 0 | 0 | 787879 | **SANEO** | 0 | 0 | 352798 | **VEGETAL** | 12.5 | 1350.89 | 215967 |
| 10 | 21800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 150044 | **SUB** | 4.401 | 440.01 | 70947 | **DES** | 0.019 | 2290.84 | 3285845 | **TERR** | 50.24 | 1153.5 | 789033 | **SANEO** | 50.97 | 2104.32 | 354902 | **VEGETAL** | 11.7 | 1150.12 | 217117 |
| 10 | 21900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 151044 | **SUB** | 4.4 | 440.01 | 71387 | **DES** | 0 | 0.09 | 3285845 | **TERR** | 137.5 | 10493 | 799526 | **SANEO** | 73.11 | 6511.51 | 361414 | **VEGETAL** | 15.2 | 1361.71 | 218479 |
| 10 | 22000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 152044 | **SUB** | 4.4 | 440 | 71827 | **DES** | 0 | 0 | 3285845 | **TERR** | 197.4 | 17169 | 816696 | **SANEO** | 83.25 | 7839.06 | 369253 | **VEGETAL** | 17.4 | 1634.4 | 220113 |
| 10 | 22100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 599.98 | 152644 | **SUB** | 4.401 | 440 | 72267 | **DES** | 0 | 0 | 3285845 | **TERR** | 181.9 | 18808 | 835503 | **SANEO** | 78.53 | 8076.76 | 377329 | **VEGETAL** | 16.9 | 1707.02 | 221820 |
| 10 | 22200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.97 | 153644 | **SUB** | 4.401 | 440.01 | 72707 | **DES** | 0 | 0 | 3285845 | **TERR** | 218.6 | 20765 | 856268 | **SANEO** | 82.01 | 8066.46 | 385396 | **VEGETAL** | 18.2 | 1780.76 | 223601 |
| 10 | 22300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 691.99 | 154336 | **SUB** | 0 | 297 | 73004 | **DES** | 0 | 0 | 3285845 | **TERR** | 0 | 14733 | 871001 | **SANEO** | 0 | 5422.7 | 390819 | **VEGETAL** | 0 | 1191.52 | 224793 |
| 10 | 22400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 841.99 | 155178 | **SUB** | 4.4 | 385.02 | 73389 | **DES** | 0 | 0 | 3285845 | **TERR** | 168.7 | 14880 | 885881 | **SANEO** | 74.88 | 6443.09 | 397262 | **VEGETAL** | 16 | 1402.4 | 226195 |
| 10 | 22500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 440 | 73829 | **DES** | 0 | 0 | 3285845 | **TERR** | 133.1 | 15251 | 901131 | **SANEO** | 65.37 | 7017.8 | 404280 | **VEGETAL** | 14.4 | 1530.24 | 227725 |
| 10 | 22600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 440 | 74269 | **DES** | 0 | 0 | 3285845 | **TERR** | 93.54 | 10487 | 911619 | **SANEO** | 55.3 | 5838.78 | 410118 | **VEGETAL** | 12.5 | 1306.47 | 229032 |
| 10 | 22700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 440.01 | 74709 | **DES** | 0 | 0 | 3285845 | **TERR** | 64.36 | 8203.8 | 919823 | **SANEO** | 51.08 | 5438.93 | 415557 | **VEGETAL** | 11 | 1192.55 | 230224 |
| 10 | 22800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 439.99 | 75149 | **DES** | 0 | 0 | 3285845 | **TERR** | 49.07 | 5327.5 | 925150 | **SANEO** | 46.19 | 4741.37 | 420299 | **VEGETAL** | 10 | 1028.17 | 231252 |
| 10 | 22900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 439.98 | 75589 | **DES** | 0 | 0 | 3285845 | **TERR** | 72.8 | 6093.1 | 931243 | **SANEO** | 53.17 | 4789.3 | 425088 | **VEGETAL** | 11.4 | 1070.78 | 232323 |
| 10 | 23000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.399 | 439.98 | 76029 | **DES** | 0 | 0 | 3285845 | **TERR** | 77.37 | 7096.9 | 938340 | **SANEO** | 53.52 | 5227.57 | 430315 | **VEGETAL** | 11.7 | 1135.56 | 233459 |
| 10 | 23100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 439.98 | 76469 | **DES** | 0 | 0 | 3285845 | **TERR** | 95.94 | 8915.1 | 947255 | **SANEO** | 56.29 | 5824.86 | 436140 | **VEGETAL** | 12.7 | 1231.33 | 234690 |
| 10 | 23200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 0 | 371 | 76840 | **DES** | 0 | 0 | 3285845 | **TERR** | 0 | 6975.6 | 954231 | **SANEO** | 0 | 3679.82 | 439820 | **VEGETAL** | 0 | 831.76 | 235522 |
| 10 | 23300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 285.99 | 77126 | **DES** | 0 | 0 | 3285845 | **TERR** | 185.8 | 11130 | 965360 | **SANEO** | 76 | 4255.08 | 444075 | **VEGETAL** | 16.7 | 939.71 | 236462 |
| 10 | 23400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 439.99 | 77566 | **DES** | 0 | 0 | 3285845 | **TERR** | 202.1 | 18999 | 984360 | **SANEO** | 78.18 | 7747.38 | 451823 | **VEGETAL** | 17.3 | 1686.81 | 238148 |
| 10 | 23500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 439.99 | 78006 | **DES** | 0 | 0 | 3285845 | **TERR** | 222.4 | 21149 | 1005509 | **SANEO** | 81.25 | 7854.19 | 459677 | **VEGETAL** | 18 | 1757.84 | 239906 |
| 10 | 23600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 439.99 | 78446 | **DES** | 0 | 0 | 3285845 | **TERR** | 230.1 | 23014 | 1028523 | **SANEO** | 89.25 | 8755.73 | 468433 | **VEGETAL** | 18.3 | 1832.42 | 241739 |
| 10 | 23700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 439.96 | 78885 | **DES** | 0 | 0 | 3285845 | **TERR** | 206.2 | 21984 | 1050507 | **SANEO** | 84.23 | 8655.25 | 477088 | **VEGETAL** | 17.4 | 1793.18 | 243532 |
| 10 | 23800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 439.96 | 79325 | **DES** | 0 | 0 | 3285845 | **TERR** | 178.8 | 18998 | 1069505 | **SANEO** | 76.98 | 8146.94 | 485235 | **VEGETAL** | 16.4 | 1686.08 | 245218 |
| 10 | 23900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.399 | 439.96 | 79765 | **DES** | 0 | 0 | 3285845 | **TERR** | 163.4 | 17139 | 1086644 | **SANEO** | 73.36 | 7519.46 | 492754 | **VEGETAL** | 15.8 | 1610.24 | 246828 |
| 10 | 24000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 439.95 | 80205 | **DES** | 0 | 0 | 3285845 | **TERR** | 155.6 | 15596 | 1102240 | **SANEO** | 71.89 | 7170.43 | 499925 | **VEGETAL** | 15.4 | 1546 | 248374 |
| 10 | 24100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.399 | 439.96 | 80645 | **DES** | 0 | 0 | 3285845 | **TERR** | 139 | 15163 | 1117403 | **SANEO** | 65.81 | 7154.79 | 507079 | **VEGETAL** | 14.7 | 1529.71 | 249904 |
| 10 | 24200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 0 | 0 | 155178 | **SUB** | 4.4 | 439.96 | 81085 | **DES** | 0 | 0 | 3285845 | **TERR** | 136.2 | 13407 | 1130809 | **SANEO** | 64.66 | 6465.61 | 513545 | **VEGETAL** | 14.6 | 1449 | 251353 |
| 10 | 24300 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 450 | 155628 | **SUB** | 4.4 | 439.96 | 81525 | **DES** | 0 | 0 | 3285845 | **TERR** | 119.9 | 12894 | 1143703 | **SANEO** | 63.32 | 6384.29 | 519929 | **VEGETAL** | 14.2 | 1443.49 | 252796 |
| 10 | 24400 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 156628 | **SUB** | 4.399 | 439.96 | 81965 | **DES** | 0 | 0 | 3285845 | **TERR** | 108.4 | 11298 | 1155001 | **SANEO** | 63.22 | 6417.8 | 526347 | **VEGETAL** | 13.8 | 1398.45 | 254195 |
| 10 | 24500 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000.02 | 157628 | **SUB** | 4.4 | 439.95 | 82405 | **DES** | 0 | 0 | 3285845 | **TERR** | 105.7 | 10940 | 1165941 | **SANEO** | 65.17 | 6514 | 532861 | **VEGETAL** | 13.7 | 1385.72 | 255581 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 24600 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000.01 | 158628 | **SUB** | 4.399 | 439.97 | 82845 | **DES** | 0 | 0 | 3285845 | **TERR** | 80.03 | 9183.6 | 1175124 | **SANEO** | 58.74 | 5958.97 | 538820 | **VEGETAL** | 12.4 | 1297.54 | 256878 |
| 10 | 24700 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000 | 159628 | **SUB** | 4.4 | 439.96 | 83285 | **DES** | 0 | 0 | 3285845 | **TERR** | 45.89 | 6759.5 | 1181884 | **SANEO** | 46.57 | 5455.17 | 544275 | **VEGETAL** | 10.4 | 1166.4 | 258044 |
| 10 | 24800 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000.01 | 160628 | **SUB** | 4.4 | 439.96 | 83725 | **DES** | 0 | 0 | 3285845 | **TERR** | 19.81 | 2946.8 | 1184831 | **SANEO** | 40.18 | 4371.07 | 548646 | **VEGETAL** | 8.63 | 935.06 | 258980 |
| 10 | 24900 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 1000.22 | 161628 | **SUB** | 4.399 | 439.96 | 84165 | **DES** | 0.003 | 0.53 | 3285846 | **TERR** | 10.26 | 1260.2 | 1186091 | **SANEO** | 37.74 | 3793.86 | 552440 | **VEGETAL** | 8.28 | 829.11 | 259809 |
| 10 | 25000 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 10 | 999.92 | 162628 | **SUB** | 4.4 | 439.96 | 84605 | **DES** | 0.053 | 0.16 | 3285846 | **TERR** | 17.66 | 1472.4 | 1187563 | **SANEO** | 39.88 | 3808.23 | 556248 | **VEGETAL** | 9.36 | 838.49 | 260647 |
| 10 | 25100 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 743.92 | 163372 | **SUB** | 4.399 | 439.97 | 85045 | **DES** | 116.3 | 4610 | 3290456 | **TERR** | 0 | 228.4 | 1187792 | **SANEO** | 0 | 1146.55 | 557395 | **VEGETAL** | 13.8 | 1137.7 | 261785 |
| 10 | 25200 | **EXC-TUN** | 0 | 0 | 540988 | **CF** | 6.5 | 648.86 | 164021 | **SUB** | 4.4 | 439.96 | 85485 | **DES** | 86.97 | 12087.8 | 3302544 | **TERR** | 0 | 0 | 1187792 | **SANEO** | 0 | 0 | 557395 | **VEGETAL** | 12.7 | 1377.42 | 263162 |
| 127 | 25300 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 4.3 | 360.22 | 360.2 | **SUB** | 1.854 | 152.98 | 153 | **DES** | 9.932 | 1354.6 | 1354.6 | **TERR** | 0.341 | 22.84 | 22.8 | **SANEO** | 1.803 | 110.87 | 110.9 | **VEGETAL** | 6.11 | 535.26 | 535.3 |
| 127 | 25400 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 5 | 465.7 | 825.9 | **SUB** | 2.199 | 202.7 | 355.7 | **DES** | 0 | 361.76 | 1716.4 | **TERR** | 11.06 | 487.91 | 510.8 | **SANEO** | 11.77 | 734.07 | 844.9 | **VEGETAL** | 4.64 | 536.1 | 1071.4 |
| 127 | 25500 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 5.7 | 534.59 | 1360.5 | **SUB** | 2.544 | 237.13 | 592.8 | **DES** | 0.15 | 3.22 | 1719.6 | **TERR** | 4.274 | 688.91 | 1199.7 | **SANEO** | 12.2 | 1159.99 | 2004.9 | **VEGETAL** | 5.68 | 477.63 | 1549 |
| 127 | 25600 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 6.4 | 603.49 | 1964 | **SUB** | 2.888 | 271.57 | 864.4 | **DES** | 5.228 | 160.31 | 1879.9 | **TERR** | 0.735 | 271.55 | 1471.2 | **SANEO** | 4.233 | 911.01 | 2915.9 | **VEGETAL** | 6.8 | 616.38 | 2165.4 |
| 127 | 25700 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 7.1 | 672.38 | 2636.4 | **SUB** | 3.232 | 306.02 | 1170.4 | **DES** | 6.658 | 667.15 | 2547 | **TERR** | 0.727 | 58.72 | 1529.9 | **SANEO** | 4.174 | 356.05 | 3272 | **VEGETAL** | 7.34 | 711.1 | 2876.5 |
| 127 | 25800 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 7.8 | 741.26 | 3377.6 | **SUB** | 3.576 | 340.45 | 1510.9 | **DES** | 8.109 | 597.63 | 3144.7 | **TERR** | 0.334 | 132.44 | 1662.4 | **SANEO** | 2.219 | 535.63 | 3807.6 | **VEGETAL** | 7.77 | 750.11 | 3626.6 |
| 127 | 25900 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 8.4 | 810.16 | 4187.8 | **SUB** | 3.922 | 374.89 | 1885.7 | **DES** | 17.68 | 1055.4 | 4200.1 | **TERR** | 0 | 20.93 | 1683.3 | **SANEO** | 0 | 129.82 | 3937.4 | **VEGETAL** | 8.31 | 800.59 | 4427.2 |
| 127 | 26000 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 9.1 | 879.03 | 5066.8 | **SUB** | 4.266 | 409.32 | 2295.1 | **DES** | 30.4 | 2617.96 | 6818 | **TERR** | 0 | 0 | 1683.3 | **SANEO** | 0 | 0 | 3937.4 | **VEGETAL** | 9.16 | 880.8 | 5308 |
| 127 | 26100 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 9.8 | 947.94 | 6014.8 | **SUB** | 4.61 | 443.77 | 2738.8 | **DES** | 28.56 | 2878.89 | 9696.9 | **TERR** | 0 | 0 | 1683.3 | **SANEO** | 0 | 0 | 3937.4 | **VEGETAL** | 9.51 | 931.31 | 6239.3 |
| 127 | 26200 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 11 | 1016.82 | 7031.6 | **SUB** | 4.955 | 478.25 | 3217.1 | **DES** | 56.99 | 4215.52 | 13912.4 | **TERR** | 0 | 0 | 1683.3 | **SANEO** | 0 | 0 | 3937.4 | **VEGETAL** | 11.3 | 1053.48 | 7292.8 |
| 127 | 26300 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 11 | 1085.7 | 8117.3 | **SUB** | 5.3 | 512.69 | 3729.8 | **DES** | 139 | 9428.31 | 23340.8 | **TERR** | 0 | 0 | 1683.3 | **SANEO** | 0 | 0 | 3937.4 | **VEGETAL** | 13.8 | 1230.78 | 8523.5 |
| 127 | 26400 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 12 | 1151.25 | 9268.6 | **SUB** | 5.643 | 547.09 | 4276.9 | **DES** | 387 | 23097.1 | 46437.9 | **TERR** | 0 | 0 | 1683.3 | **SANEO** | 0 | 0 | 3937.4 | **VEGETAL** | 21.3 | 1641.94 | 10166 |
| 127 | 26500 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 12 | 1201.12 | 10469.7 | **SUB** | 5.988 | 581.53 | 4858.4 | **DES** | 810.6 | 71490.6 | 117928.4 | **TERR** | 0 | 0 | 1683.3 | **SANEO** | 0 | 0 | 3937.4 | **VEGETAL** | 26.8 | 2715.53 | 12881 |
| 127 | 26600 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 13 | 1284.56 | 11754.2 | **SUB** | 6.332 | 616.03 | 5474.4 | **DES** | 0.294 | 29778.1 | 147706.5 | **TERR** | 27.99 | 139.94 | 1823.2 | **SANEO** | 27.26 | 136.29 | 4073.7 | **VEGETAL** | 5.42 | 936.94 | 13818 |
| 127 | 26700 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 14 | 1361.27 | 13115.5 | **SUB** | 6.677 | 650.46 | 6124.9 | **DES** | 127.2 | 5496.97 | 153203.5 | **TERR** | 0 | 440.3 | 2263.5 | **SANEO** | 0 | 136.29 | 4210 | **VEGETAL** | 6.51 | 584.58 | 14403 |
| 127 | 26800 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 15 | 1430.18 | 14545.7 | **SUB** | 7.021 | 684.91 | 6809.8 | **DES** | 479.9 | 27595.3 | 180798.7 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 8.12 | 729.34 | 15132 |
| 127 | 26900 | **EXC-TUN** | 70.6 | 5298.5 | 5298.5 | **CF** | 0 | 363.78 | 14909.5 | **SUB** | 0 | 105.66 | 6915.5 | **DES** | 0 | 13676.2 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 206.76 | 15339 |
| 127 | 27000 | **EXC-TUN** | 70.6 | 7064.7 | 12363.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 27100 | **EXC-TUN** | 70.6 | 7064.7 | 19427.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 27200 | **EXC-TUN** | 70.6 | 7064.7 | 26492.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 27300 | **EXC-TUN** | 70.6 | 7064.7 | 33557.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 27400 | **EXC-TUN** | 70.6 | 7064.7 | 40621.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 27500 | **EXC-TUN** | 70.6 | 7064.7 | 47686.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 27600 | **EXC-TUN** | 70.6 | 7064.7 | 54751.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 27700 | **EXC-TUN** | 70.6 | 7064.7 | 61815.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 27800 | **EXC-TUN** | 70.6 | 7064.7 | 68880.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 27900 | **EXC-TUN** | 70.6 | 7064.7 | 75945.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 28000 | **EXC-TUN** | 70.6 | 7064.7 | 83009.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 28100 | **EXC-TUN** | 70.6 | 7064.7 | 90074.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 28200 | **EXC-TUN** | 70.6 | 7064.7 | 97139.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 28300 | **EXC-TUN** | 70.6 | 7064.7 | 104203.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 28400 | **EXC-TUN** | 70.6 | 7064.7 | 111268.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 28500 | **EXC-TUN** | 70.6 | 7064.7 | 118333.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 28600 | **EXC-TUN** | 70.6 | 7064.7 | 125397.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 28700 | **EXC-TUN** | 70.6 | 7064.7 | 132462.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127 | 28800 | **EXC-TUN** | 70.6 | 7064.7 | 139527.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 28900 | **EXC-TUN** | 70.6 | 7064.7 | 146591.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 29000 | **EXC-TUN** | 70.6 | 7064.7 | 153656.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 29100 | **EXC-TUN** | 70.6 | 7064.7 | 160721.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 29200 | **EXC-TUN** | 70.6 | 7064.7 | 167786 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 29300 | **EXC-TUN** | 70.6 | 7064.7 | 174850.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 29400 | **EXC-TUN** | 70.6 | 7064.7 | 181915.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 29500 | **EXC-TUN** | 70.6 | 7064.7 | 188980 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 29600 | **EXC-TUN** | 70.6 | 7064.7 | 196044.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 29700 | **EXC-TUN** | 70.6 | 7064.7 | 203109.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 29800 | **EXC-TUN** | 70.6 | 7064.7 | 210174 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 29900 | **EXC-TUN** | 70.6 | 7064.7 | 217238.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 30000 | **EXC-TUN** | 70.6 | 7064.7 | 224303.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 30100 | **EXC-TUN** | 70.6 | 7064.7 | 231368 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 30200 | **EXC-TUN** | 70.6 | 7064.7 | 238432.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 30300 | **EXC-TUN** | 70.6 | 7064.7 | 245497.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 30400 | **EXC-TUN** | 70.6 | 7064.7 | 252562 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 30500 | **EXC-TUN** | 70.6 | 7064.7 | 259626.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 30600 | **EXC-TUN** | 70.6 | 7064.7 | 266691.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 30700 | **EXC-TUN** | 70.6 | 7064.7 | 273756 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 30800 | **EXC-TUN** | 70.6 | 7064.7 | 280820.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 30900 | **EXC-TUN** | 70.6 | 7064.7 | 287885.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 31000 | **EXC-TUN** | 70.6 | 7064.7 | 294950.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 31100 | **EXC-TUN** | 70.6 | 7064.7 | 302014.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 31200 | **EXC-TUN** | 70.6 | 7064.7 | 309079.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 31300 | **EXC-TUN** | 70.6 | 7064.7 | 316144.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 31400 | **EXC-TUN** | 70.6 | 7064.7 | 323208.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 31500 | **EXC-TUN** | 70.6 | 7064.7 | 330273.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 31600 | **EXC-TUN** | 70.6 | 7064.7 | 337338.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 31700 | **EXC-TUN** | 70.6 | 7064.7 | 344402.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 31800 | **EXC-TUN** | 70.6 | 7064.7 | 351467.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 31900 | **EXC-TUN** | 70.6 | 7064.7 | 358532.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 32000 | **EXC-TUN** | 70.6 | 7064.7 | 365596.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 32100 | **EXC-TUN** | 70.6 | 7064.7 | 372661.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 32200 | **EXC-TUN** | 70.6 | 7064.7 | 379726.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 32300 | **EXC-TUN** | 70.6 | 7064.7 | 386790.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 32400 | **EXC-TUN** | 70.6 | 7064.7 | 393855.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 32500 | **EXC-TUN** | 70.6 | 7064.7 | 400920.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 32600 | **EXC-TUN** | 70.6 | 7064.7 | 407984.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 32700 | **EXC-TUN** | 70.6 | 7064.7 | 415049.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 32800 | **EXC-TUN** | 70.6 | 7064.7 | 422114.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 32900 | **EXC-TUN** | 70.6 | 7064.7 | 429178.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127 | 33000 | **EXC-TUN** | 70.6 | 7064.7 | 436243.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 33100 | **EXC-TUN** | 70.6 | 7064.7 | 443308.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 33200 | **EXC-TUN** | 70.6 | 7064.7 | 450372.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 33300 | **EXC-TUN** | 70.6 | 7064.7 | 457437.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 33400 | **EXC-TUN** | 70.6 | 7064.7 | 464502.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 33500 | **EXC-TUN** | 70.6 | 7064.7 | 471566.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 33600 | **EXC-TUN** | 70.6 | 7064.7 | 478631.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 33700 | **EXC-TUN** | 70.6 | 7064.7 | 485696.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 33800 | **EXC-TUN** | 70.6 | 7064.7 | 492760.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 33900 | **EXC-TUN** | 70.6 | 7064.7 | 499825.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 34000 | **EXC-TUN** | 70.6 | 7064.7 | 506890.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 34100 | **EXC-TUN** | 70.6 | 7064.7 | 513954.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 34200 | **EXC-TUN** | 70.6 | 7064.7 | 521019.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 34300 | **EXC-TUN** | 70.6 | 7064.7 | 528084.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 34400 | **EXC-TUN** | 70.6 | 7064.7 | 535148.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 34500 | **EXC-TUN** | 70.6 | 7064.7 | 542213.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 34600 | **EXC-TUN** | 70.6 | 7064.7 | 549278.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 34700 | **EXC-TUN** | 70.6 | 7064.7 | 556342.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 34800 | **EXC-TUN** | 70.6 | 7064.7 | 563407.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 34900 | **EXC-TUN** | 70.6 | 7064.7 | 570472.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 35000 | **EXC-TUN** | 70.6 | 7064.7 | 577536.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 35100 | **EXC-TUN** | 70.6 | 7064.7 | 584601.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 35200 | **EXC-TUN** | 70.6 | 7064.7 | 591666.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 35300 | **EXC-TUN** | 70.6 | 7064.7 | 598731 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 35400 | **EXC-TUN** | 70.6 | 7064.7 | 605795.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 35500 | **EXC-TUN** | 70.6 | 7064.7 | 612860.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 35600 | **EXC-TUN** | 70.6 | 7064.7 | 619925 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 35700 | **EXC-TUN** | 70.6 | 7064.7 | 626989.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 35800 | **EXC-TUN** | 70.6 | 7064.7 | 634054.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 35900 | **EXC-TUN** | 70.6 | 7064.7 | 641119 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 36000 | **EXC-TUN** | 70.6 | 7064.7 | 648183.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 36100 | **EXC-TUN** | 70.6 | 7064.7 | 655248.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 36200 | **EXC-TUN** | 70.6 | 7064.7 | 662313 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 36300 | **EXC-TUN** | 70.6 | 7064.7 | 669377.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 36400 | **EXC-TUN** | 70.6 | 7064.7 | 676442.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 36500 | **EXC-TUN** | 70.6 | 7064.7 | 683507 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 36600 | **EXC-TUN** | 70.6 | 7064.7 | 690571.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 36700 | **EXC-TUN** | 70.6 | 7064.7 | 697636.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 36800 | **EXC-TUN** | 70.6 | 7064.7 | 704701 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 36900 | **EXC-TUN** | 70.6 | 7064.7 | 711765.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 37000 | **EXC-TUN** | 70.6 | 7064.7 | 718830.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 37100 | **EXC-TUN** | 70.6 | 7064.7 | 725895 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127 | 37200 | **EXC-TUN** | 70.6 | 7064.7 | 732959.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 37300 | **EXC-TUN** | 70.6 | 7064.7 | 740024.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 37400 | **EXC-TUN** | 70.6 | 7064.7 | 747089.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 37500 | **EXC-TUN** | 70.6 | 7064.7 | 754153.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 37600 | **EXC-TUN** | 70.6 | 7064.7 | 761218.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 37700 | **EXC-TUN** | 70.6 | 7064.7 | 768283.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 37800 | **EXC-TUN** | 70.6 | 7064.7 | 775347.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 37900 | **EXC-TUN** | 70.6 | 7064.7 | 782412.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 38000 | **EXC-TUN** | 70.6 | 7064.7 | 789477.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 38100 | **EXC-TUN** | 70.6 | 7064.7 | 796541.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 38200 | **EXC-TUN** | 70.6 | 7064.7 | 803606.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 38300 | **EXC-TUN** | 70.6 | 7064.7 | 810671.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 38400 | **EXC-TUN** | 70.6 | 7064.7 | 817735.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 38500 | **EXC-TUN** | 70.6 | 7064.7 | 824800.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 38600 | **EXC-TUN** | 70.6 | 7064.7 | 831865.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 38700 | **EXC-TUN** | 70.6 | 7064.7 | 838929.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 38800 | **EXC-TUN** | 70.6 | 7064.7 | 845994.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 38900 | **EXC-TUN** | 70.6 | 7064.7 | 853059.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 39000 | **EXC-TUN** | 70.6 | 7064.7 | 860123.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 39100 | **EXC-TUN** | 70.6 | 7064.7 | 867188.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 39200 | **EXC-TUN** | 70.6 | 7064.7 | 874253.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 39300 | **EXC-TUN** | 70.6 | 7064.7 | 881317.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 39400 | **EXC-TUN** | 70.6 | 7064.7 | 888382.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 39500 | **EXC-TUN** | 70.6 | 7064.7 | 895447.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 39600 | **EXC-TUN** | 70.6 | 7064.7 | 902511.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 39700 | **EXC-TUN** | 70.6 | 7064.7 | 909576.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 39800 | **EXC-TUN** | 70.6 | 7064.7 | 916641.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 39900 | **EXC-TUN** | 70.6 | 7064.7 | 923705.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 40000 | **EXC-TUN** | 70.6 | 7064.7 | 930770.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 40100 | **EXC-TUN** | 70.6 | 7064.7 | 937835.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 40200 | **EXC-TUN** | 70.6 | 7064.7 | 944899.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 40300 | **EXC-TUN** | 70.6 | 7064.7 | 951964.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 40400 | **EXC-TUN** | 70.6 | 7064.7 | 959029.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 40500 | **EXC-TUN** | 70.6 | 7064.7 | 966093.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 40600 | **EXC-TUN** | 70.6 | 7064.7 | 973158.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 40700 | **EXC-TUN** | 70.6 | 7064.7 | 980223.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 40800 | **EXC-TUN** | 70.6 | 7064.7 | 987287.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 40900 | **EXC-TUN** | 70.6 | 7064.7 | 994352.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 41000 | **EXC-TUN** | 70.6 | 7064.7 | 1001417.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 41100 | **EXC-TUN** | 70.6 | 7064.7 | 1008481.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 41200 | **EXC-TUN** | 70.6 | 7064.7 | 1015546.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 41300 | **EXC-TUN** | 70.6 | 7064.7 | 1022611.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127 | 41400 | **EXC-TUN** | 70.6 | 7064.7 | 1029675.9 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 41500 | **EXC-TUN** | 70.6 | 7064.7 | 1036740.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 41600 | **EXC-TUN** | 70.6 | 7064.7 | 1043805.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 41700 | **EXC-TUN** | 70.6 | 7064.7 | 1050870 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 41800 | **EXC-TUN** | 70.6 | 7064.7 | 1057934.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 41900 | **EXC-TUN** | 70.6 | 7064.7 | 1064999.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 42000 | **EXC-TUN** | 70.6 | 7064.7 | 1072064 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 42100 | **EXC-TUN** | 70.6 | 7064.7 | 1079128.6 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 42200 | **EXC-TUN** | 70.6 | 7064.7 | 1086193.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 42300 | **EXC-TUN** | 70.6 | 7064.7 | 1093258 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 42400 | **EXC-TUN** | 70.6 | 7064.7 | 1100322.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 42500 | **EXC-TUN** | 70.6 | 7064.7 | 1107387.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 42600 | **EXC-TUN** | 70.6 | 7064.7 | 1114452 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 42700 | **EXC-TUN** | 70.6 | 7064.7 | 1121516.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 42800 | **EXC-TUN** | 70.6 | 7064.7 | 1128581.3 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 42900 | **EXC-TUN** | 70.6 | 7064.7 | 1135646 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 43000 | **EXC-TUN** | 70.6 | 7064.7 | 1142710.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 43100 | **EXC-TUN** | 70.6 | 7064.7 | 1149775.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 43200 | **EXC-TUN** | 70.6 | 7064.7 | 1156840 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 43300 | **EXC-TUN** | 70.6 | 7064.7 | 1163904.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 43400 | **EXC-TUN** | 70.6 | 7064.7 | 1170969.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 43500 | **EXC-TUN** | 70.6 | 7064.7 | 1178034.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 43600 | **EXC-TUN** | 70.6 | 7064.7 | 1185098.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 43700 | **EXC-TUN** | 70.6 | 7064.7 | 1192163.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 43800 | **EXC-TUN** | 70.6 | 7064.7 | 1199228.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 43900 | **EXC-TUN** | 70.6 | 7064.7 | 1206292.7 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 44000 | **EXC-TUN** | 70.6 | 7064.7 | 1213357.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 44100 | **EXC-TUN** | 70.6 | 7064.7 | 1220422.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 44200 | **EXC-TUN** | 70.6 | 7064.7 | 1227486.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 44300 | **EXC-TUN** | 70.6 | 7064.7 | 1234551.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 44400 | **EXC-TUN** | 70.6 | 7064.7 | 1241616.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 44500 | **EXC-TUN** | 70.6 | 7064.7 | 1248680.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 44600 | **EXC-TUN** | 70.6 | 7064.7 | 1255745.4 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 44700 | **EXC-TUN** | 70.6 | 7064.7 | 1262810.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 44800 | **EXC-TUN** | 70.6 | 7064.7 | 1269874.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 44900 | **EXC-TUN** | 70.6 | 7064.7 | 1276939.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 45000 | **EXC-TUN** | 70.6 | 7064.7 | 1284004.1 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 45100 | **EXC-TUN** | 70.6 | 7064.7 | 1291068.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 45200 | **EXC-TUN** | 70.6 | 7064.7 | 1298133.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 45300 | **EXC-TUN** | 70.6 | 7064.7 | 1305198.2 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 45400 | **EXC-TUN** | 70.6 | 7064.7 | 1312262.8 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |
| 127 | 45500 | **EXC-TUN** | 70.6 | 7064.7 | 1319327.5 | **CF** | 0 | 0 | 14909.5 | **SUB** | 0 | 0 | 6915.5 | **DES** | 0 | 0 | 194474.9 | **TERR** | 0 | 0 | 2263.5 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 15339 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127 | 45600 | EXC-TUN | 70.6 | 7064.7 | 1326392.2 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 45700 | EXC-TUN | 70.6 | 7064.7 | 1333456.8 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 45800 | EXC-TUN | 70.6 | 7064.7 | 1340521.5 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 45900 | EXC-TUN | 70.6 | 7064.7 | 1347586.2 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 46000 | EXC-TUN | 70.6 | 7064.7 | 1354650.9 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 46100 | EXC-TUN | 70.6 | 7064.7 | 1361715.5 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 46200 | EXC-TUN | 70.6 | 7064.7 | 1368780.2 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 46300 | EXC-TUN | 70.6 | 7064.7 | 1375844.9 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 46400 | EXC-TUN | 70.6 | 7064.7 | 1382909.5 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 46500 | EXC-TUN | 70.6 | 7064.7 | 1389974.2 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 46600 | EXC-TUN | 70.6 | 7064.7 | 1397038.9 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 46700 | EXC-TUN | 70.6 | 7064.7 | 1404103.6 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 46800 | EXC-TUN | 70.6 | 7064.7 | 1411168.2 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 46900 | EXC-TUN | 70.6 | 7064.7 | 1418232.9 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 47000 | EXC-TUN | 70.6 | 7064.7 | 1425297.6 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 47100 | EXC-TUN | 70.6 | 7064.7 | 1432362.2 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 47200 | EXC-TUN | 70.6 | 7064.7 | 1439426.9 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 47300 | EXC-TUN | 70.6 | 7064.7 | 1446491.6 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 47400 | EXC-TUN | 70.6 | 7064.7 | 1453556.3 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 47500 | EXC-TUN | 70.6 | 7064.7 | 1460620.9 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 47600 | EXC-TUN | 70.6 | 7064.7 | 1467685.6 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 47700 | EXC-TUN | 70.6 | 7064.7 | 1474750.3 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 47800 | EXC-TUN | 70.6 | 7064.7 | 1481814.9 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 47900 | EXC-TUN | 70.6 | 7064.7 | 1488879.6 | CF | 0 | 0 | 14909.5 | SUB | 0 | 0 | 6915.5 | DES | 0 | 0 | 194474.9 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 15339 |
| 127 | 48000 | EXC-TUN | 0 | 4287.7 | 1493167.3 | CF | 6.3 | 248.85 | 15158.3 | SUB | 2.732 | 107.39 | 7022.9 | DES | 329.2 | 17142.5 | 211617.5 | TERR | 0 | 0 | 2263.5 | SANEO | 0 | 0 | 4210 | VEGETAL | 8.66 | 373.08 | 15712 |
| 127 | 48100 | EXC-TUN | 0 | 0 | 1493167.3 | CF | 6.6 | 654.19 | 15812.5 | SUB | 2.732 | 273.21 | 7296.1 | DES | 0 | 11169 | 222786.5 | TERR | 130.2 | 1166.1 | 3429.7 | SANEO | 0 | 0 | 4210 | VEGETAL | 6.75 | 571.31 | 16283 |
| 127 | 48200 | EXC-TUN | 0 | 0 | 1493167.3 | CF | 0 | 96.5 | 15909 | SUB | 0 | 34.15 | 7330.2 | DES | 0 | 0 | 222786.5 | TERR | 0 | 2280.5 | 5710.2 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 110.71 | 16394 |
| 127 | 48300 | EXC-TUN | 0 | 0 | 1493167.3 | CF | 0 | 0 | 15909 | SUB | 0 | 0 | 7330.2 | DES | 0 | 0 | 222786.5 | TERR | 0 | 0 | 5710.2 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 16394 |
| 127 | 48400 | EXC-TUN | 0 | 0 | 1493167.3 | CF | 0 | 0 | 15909 | SUB | 0 | 0 | 7330.2 | DES | 0 | 0 | 222786.5 | TERR | 0 | 0 | 5710.2 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 16394 |
| 127 | 48500 | EXC-TUN | 0 | 0 | 1493167.3 | CF | 0 | 0 | 15909 | SUB | 0 | 0 | 7330.2 | DES | 0 | 0 | 222786.5 | TERR | 0 | 0 | 5710.2 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 16394 |
| 127 | 48600 | EXC-TUN | 0 | 0 | 1493167.3 | CF | 6.6 | 550.57 | 16459.6 | SUB | 2.732 | 229.5 | 7559.7 | DES | 3.678 | 18.39 | 222804.9 | TERR | 4.621 | 27492 | 33202.2 | SANEO | 0 | 0 | 4210 | VEGETAL | 3.98 | 923.72 | 17318 |
| 127 | 48700 | EXC-TUN | 99.8 | 498.97 | 1493666.3 | CF | 0 | 612.62 | 17072.2 | SUB | 0 | 259.55 | 7819.3 | DES | 0 | 20776 | 243580.8 | TERR | 0 | 23.11 | 33225.3 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 647.26 | 17965 |
| 127 | 48800 | EXC-TUN | 99.8 | 9979.5 | 1503645.8 | CF | 0 | 0 | 17072.2 | SUB | 0 | 0 | 7819.3 | DES | 0 | 0 | 243580.8 | TERR | 0 | 0 | 33225.3 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 17965 |
| 127 | 48900 | EXC-TUN | 99.8 | 9979.5 | 1513625.2 | CF | 0 | 0 | 17072.2 | SUB | 0 | 0 | 7819.3 | DES | 0 | 0 | 243580.8 | TERR | 0 | 0 | 33225.3 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 17965 |
| 127 | 49000 | EXC-TUN | 99.8 | 9979.5 | 1523604.7 | CF | 0 | 0 | 17072.2 | SUB | 0 | 0 | 7819.3 | DES | 0 | 0 | 243580.8 | TERR | 0 | 0 | 33225.3 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 17965 |
| 127 | 49100 | EXC-TUN | 99.8 | 9979.5 | 1533584.2 | CF | 0 | 0 | 17072.2 | SUB | 0 | 0 | 7819.3 | DES | 0 | 0 | 243580.8 | TERR | 0 | 0 | 33225.3 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 17965 |
| 127 | 49200 | EXC-TUN | 99.8 | 9979.5 | 1543563.7 | CF | 0 | 0 | 17072.2 | SUB | 0 | 0 | 7819.3 | DES | 0 | 0 | 243580.8 | TERR | 0 | 0 | 33225.3 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 17965 |
| 127 | 49300 | EXC-TUN | 99.8 | 9979.5 | 1553543.1 | CF | 0 | 0 | 17072.2 | SUB | 0 | 0 | 7819.3 | DES | 0 | 0 | 243580.8 | TERR | 0 | 0 | 33225.3 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 17965 |
| 127 | 49400 | EXC-TUN | 99.8 | 9979.5 | 1563522.6 | CF | 0 | 0 | 17072.2 | SUB | 0 | 0 | 7819.3 | DES | 0 | 0 | 243580.8 | TERR | 0 | 0 | 33225.3 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 17965 |
| 127 | 49500 | EXC-TUN | 99.8 | 9979.5 | 1573502.1 | CF | 0 | 0 | 17072.2 | SUB | 0 | 0 | 7819.3 | DES | 0 | 0 | 243580.8 | TERR | 0 | 0 | 33225.3 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 17965 |
| 127 | 49600 | EXC-TUN | 99.8 | 9979.5 | 1583481.6 | CF | 0 | 0 | 17072.2 | SUB | 0 | 0 | 7819.3 | DES | 0 | 0 | 243580.8 | TERR | 0 | 0 | 33225.3 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 17965 |
| 127 | 49700 | EXC-TUN | 99.8 | 9979.5 | 1593461.1 | CF | 0 | 0 | 17072.2 | SUB | 0 | 0 | 7819.3 | DES | 0 | 0 | 243580.8 | TERR | 0 | 0 | 33225.3 | SANEO | 0 | 0 | 4210 | VEGETAL | 0 | 0 | 17965 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127 | 49800 | **EXC-TUN** | 99.8 | 9979.5 | 1603440.5 | **CF** | 0 | 0 | 17072.2 | **SUB** | 0 | 0 | 7819.3 | **DES** | 0 | 0 | 243580.8 | **TERR** | 0 | 0 | 33225.3 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 17965 |
| 127 | 49900 | **EXC-TUN** | 99.8 | 9979.5 | 1613420 | **CF** | 0 | 0 | 17072.2 | **SUB** | 0 | 0 | 7819.3 | **DES** | 0 | 0 | 243580.8 | **TERR** | 0 | 0 | 33225.3 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 17965 |
| 127 | 50000 | **EXC-TUN** | 99.8 | 9979.5 | 1623399.5 | **CF** | 0 | 0 | 17072.2 | **SUB** | 0 | 0 | 7819.3 | **DES** | 0 | 0 | 243580.8 | **TERR** | 0 | 0 | 33225.3 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 17965 |
| 127 | 50100 | **EXC-TUN** | 99.8 | 9979.5 | 1633379 | **CF** | 0 | 0 | 17072.2 | **SUB** | 0 | 0 | 7819.3 | **DES** | 0 | 0 | 243580.8 | **TERR** | 0 | 0 | 33225.3 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 17965 |
| 127 | 50200 | **EXC-TUN** | 99.8 | 9979.5 | 1643358.4 | **CF** | 0 | 0 | 17072.2 | **SUB** | 0 | 0 | 7819.3 | **DES** | 0 | 0 | 243580.8 | **TERR** | 0 | 0 | 33225.3 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 17965 |
| 127 | 50300 | **EXC-TUN** | 99.8 | 9979.5 | 1653337.9 | **CF** | 0 | 0 | 17072.2 | **SUB** | 0 | 0 | 7819.3 | **DES** | 0 | 0 | 243580.8 | **TERR** | 0 | 0 | 33225.3 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 17965 |
| 127 | 50400 | **EXC-TUN** | 99.8 | 9979.5 | 1663317.4 | **CF** | 0 | 0 | 17072.2 | **SUB** | 0 | 0 | 7819.3 | **DES** | 0 | 0 | 243580.8 | **TERR** | 0 | 0 | 33225.3 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 17965 |
| 127 | 50500 | **EXC-TUN** | 99.8 | 9979.5 | 1673296.9 | **CF** | 0 | 0 | 17072.2 | **SUB** | 0 | 0 | 7819.3 | **DES** | 0 | 0 | 243580.8 | **TERR** | 0 | 0 | 33225.3 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 17965 |
| 127 | 50600 | **EXC-TUN** | 0 | 898.15 | 1674195 | **CF** | 0 | 517.83 | 17590 | **SUB** | 0 | 215.84 | 8035.1 | **DES** | 0 | 27183.1 | 270763.9 | **TERR** | 0 | 0.36 | 33225.7 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 685.07 | 18650 |
| 127 | 50700 | **EXC-TUN** | 0 | 0 | 1674195 | **CF** | 0 | 0 | 17590 | **SUB** | 0 | 0 | 8035.1 | **DES** | 0 | 0 | 270763.9 | **TERR** | 0 | 0 | 33225.7 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 18650 |
| 127 | 50800 | **EXC-TUN** | 0 | 0 | 1674195 | **CF** | 0 | 0 | 17590 | **SUB** | 0 | 0 | 8035.1 | **DES** | 0 | 0 | 270763.9 | **TERR** | 0 | 0 | 33225.7 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 18650 |
| 127 | 50900 | **EXC-TUN** | 0 | 0 | 1674195 | **CF** | 6.6 | 209.75 | 17799.8 | **SUB** | 2.732 | 87.43 | 8122.5 | **DES** | 424.1 | 6445.77 | 277209.7 | **TERR** | 0 | 769.41 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 9.03 | 254.59 | 18904 |
| 127 | 51000 | **EXC-TUN** | 99.8 | 8482.6 | 1682677.6 | **CF** | 0 | 98.32 | 17898.1 | **SUB** | 0 | 40.98 | 8163.5 | **DES** | 0 | 8198.36 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 147.28 | 19052 |
| 127 | 51100 | **EXC-TUN** | 99.8 | 9979.5 | 1692657.1 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 51200 | **EXC-TUN** | 99.8 | 9979.5 | 1702636.5 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 51300 | **EXC-TUN** | 99.8 | 9979.5 | 1712616 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 51400 | **EXC-TUN** | 99.8 | 9979.5 | 1722595.5 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 51500 | **EXC-TUN** | 99.8 | 9979.5 | 1732575 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 51600 | **EXC-TUN** | 99.8 | 9979.5 | 1742554.4 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 51700 | **EXC-TUN** | 99.8 | 9979.5 | 1752533.9 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 51800 | **EXC-TUN** | 99.8 | 9979.5 | 1762513.4 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 51900 | **EXC-TUN** | 99.8 | 9979.5 | 1772492.9 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 52000 | **EXC-TUN** | 99.8 | 9979.5 | 1782472.4 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 52100 | **EXC-TUN** | 99.8 | 9979.5 | 1792451.8 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 52200 | **EXC-TUN** | 99.8 | 9979.5 | 1802431.3 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 52300 | **EXC-TUN** | 99.8 | 9979.5 | 1812410.8 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 52400 | **EXC-TUN** | 99.8 | 9979.5 | 1822390.3 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 52500 | **EXC-TUN** | 99.8 | 9979.5 | 1832369.7 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 52600 | **EXC-TUN** | 99.8 | 9979.5 | 1842349.3 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 52700 | **EXC-TUN** | 99.8 | 9979.5 | 1852328.8 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 52800 | **EXC-TUN** | 99.8 | 9979.5 | 1862308.3 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 52900 | **EXC-TUN** | 99.8 | 9979.5 | 1872287.8 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 53000 | **EXC-TUN** | 99.8 | 9979.5 | 1882267.3 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 53100 | **EXC-TUN** | 99.8 | 9979.5 | 1892246.8 | **CF** | 0 | 0 | 17898.1 | **SUB** | 0 | 0 | 8163.5 | **DES** | 0 | 0 | 285408 | **TERR** | 0 | 0 | 33995.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19052 |
| 127 | 53200 | **EXC-TUN** | 0 | 498.98 | 1892745.8 | **CF** | 6.6 | 360.51 | 18258.6 | **SUB** | 2.732 | 150.26 | 8313.8 | **DES** | 84.08 | 14711.6 | 300119.6 | **TERR** | 0 | 81.68 | 34076.8 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 5.63 | 417.02 | 19469 |
| 127 | 53300 | **EXC-TUN** | 99.8 | 8033.5 | 1900779.2 | **CF** | 0 | 127.81 | 18386.4 | **SUB** | 0 | 53.27 | 8367 | **DES** | 0 | 2921.17 | 303040.8 | **TERR** | 0 | 0 | 34076.8 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 124.53 | 19593 |
| 127 | 53400 | **EXC-TUN** | 99.8 | 9979.5 | 1910758.7 | **CF** | 0 | 0 | 18386.4 | **SUB** | 0 | 0 | 8367 | **DES** | 0 | 0 | 303040.8 | **TERR** | 0 | 0 | 34076.8 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19593 |
| 127 | 53500 | **EXC-TUN** | 99.8 | 9979.5 | 1920738.2 | **CF** | 0 | 0 | 18386.4 | **SUB** | 0 | 0 | 8367 | **DES** | 0 | 0 | 303040.8 | **TERR** | 0 | 0 | 34076.8 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19593 |
| 127 | 53600 | **EXC-TUN** | 99.8 | 9979.5 | 1930717.7 | **CF** | 0 | 0 | 18386.4 | **SUB** | 0 | 0 | 8367 | **DES** | 0 | 0 | 303040.8 | **TERR** | 0 | 0 | 34076.8 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19593 |
| 127 | 53700 | **EXC-TUN** | 99.8 | 9979.5 | 1940697.2 | **CF** | 0 | 0 | 18386.4 | **SUB** | 0 | 0 | 8367 | **DES** | 0 | 0 | 303040.8 | **TERR** | 0 | 0 | 34076.8 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19593 |
| 127 | 53800 | **EXC-TUN** | 0 | 7833.9 | 1948531 | **CF** | 6.6 | 140.92 | 18527.3 | **SUB** | 2.732 | 58.74 | 8425.8 | **DES** | 25.11 | 3297.21 | 306338 | **TERR** | 0 | 0 | 34076.8 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 4.53 | 135.15 | 19728 |
| 127 | 53900 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 0 | 91.05 | 18618.4 | **SUB** | 0 | 13.66 | 8439.4 | **DES** | 0 | 125.54 | 306463.6 | **TERR** | 0 | 1207.9 | 35284.7 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 93.94 | 19822 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127 | 54000 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 0 | 0 | 18618.4 | **SUB** | 0 | 0 | 8439.4 | **DES** | 0 | 0 | 306463.6 | **TERR** | 0 | 0 | 35284.7 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 19822 |
| 127 | 54100 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 6.6 | 622.66 | 19241.1 | **SUB** | 2.732 | 259.5 | 8698.9 | **DES** | 94.2 | 3760.02 | 310223.6 | **TERR** | 15.45 | 1584 | 36868.7 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 8.05 | 505.95 | 20328 |
| 127 | 54200 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 6.6 | 655.45 | 19896.5 | **SUB** | 2.732 | 273.16 | 8972.1 | **DES** | 101.1 | 11978 | 322201.6 | **TERR** | 13.76 | 1572.7 | 38441.4 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 6.97 | 1031.32 | 21360 |
| 127 | 54300 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 6.6 | 655.45 | 20552 | **SUB** | 2.732 | 273.16 | 9245.3 | **DES** | 104.5 | 9292.17 | 331493.7 | **TERR** | 14.87 | 1243.6 | 39685 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 11 | 725.98 | 22086 |
| 127 | 54400 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 6.6 | 655.45 | 21207.4 | **SUB** | 2.732 | 273.16 | 9518.4 | **DES** | 70.5 | 14611.1 | 346104.8 | **TERR** | 17.71 | 1573.3 | 41258.3 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 7.7 | 1293.52 | 23379 |
| 127 | 54500 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 0 | 360.49 | 21567.9 | **SUB** | 0 | 150.25 | 9668.7 | **DES** | 0 | 1432.4 | 347537.2 | **TERR** | 0 | 1897.5 | 43155.8 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 305.82 | 23685 |
| 127 | 54600 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 0 | 0 | 21567.9 | **SUB** | 0 | 0 | 9668.7 | **DES** | 0 | 0 | 347537.2 | **TERR** | 0 | 0 | 43155.8 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 23685 |
| 127 | 54700 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 0 | 0 | 21567.9 | **SUB** | 0 | 0 | 9668.7 | **DES** | 0 | 0 | 347537.2 | **TERR** | 0 | 0 | 43155.8 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 0 | 0 | 23685 |
| 127 | 54800 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 6.6 | 491.59 | 22059.5 | **SUB** | 2.731 | 232.15 | 9900.8 | **DES** | 0 | 0 | 347537.2 | **TERR** | 42.86 | 3247.3 | 46403.2 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 4.16 | 316.45 | 24001 |
| 127 | 54900 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 6.6 | 655.45 | 22714.9 | **SUB** | 2.731 | 273.12 | 10174 | **DES** | 0 | 0 | 347537.2 | **TERR** | 35.23 | 3921.8 | 50325 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 3.9 | 401.48 | 24403 |
| 127 | 55000 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 6.6 | 655.45 | 23370.4 | **SUB** | 2.731 | 273.12 | 10447 | **DES** | 0 | 0 | 347537.2 | **TERR** | 25.63 | 2949.7 | 53274.7 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 3.59 | 373.06 | 24776 |
| 127 | 55098 | **EXC-TUN** | 0 | 0 | 1948531 | **CF** | 6.6 | 643.08 | 24013.5 | **SUB** | 2.731 | 267.96 | 10715 | **DES** | 0 | 0 | 347537.2 | **TERR** | 23.56 | 2467.5 | 55742.1 | **SANEO** | 0 | 0 | 4210 | **VEGETAL** | 3.51 | 350.58 | 25127 |
| 128 | 25300 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 4.3 | 348.73 | 348.7 | **SUB** | 1.854 | 152.98 | 153 | **DES** | 0 | 355.98 | 356 | **TERR** | 3.52 | 134.88 | 134.9 | **SANEO** | 18.05 | 716.56 | 716.6 | **VEGETAL** | 4.15 | 323.4 | 323.4 |
| 128 | 25400 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 5 | 465.22 | 814 | **SUB** | 2.199 | 202.7 | 355.7 | **DES** | 0 | 0 | 356 | **TERR** | 8.229 | 786.84 | 921.7 | **SANEO** | 19.6 | 1941.13 | 2657.7 | **VEGETAL** | 4.58 | 451.95 | 775.4 |
| 128 | 25500 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 5.7 | 534.12 | 1348.1 | **SUB** | 2.544 | 237.13 | 592.8 | **DES** | 0 | 0 | 356 | **TERR** | 6.49 | 857.82 | 1779.5 | **SANEO** | 21.48 | 2115.32 | 4773 | **VEGETAL** | 4.93 | 487.76 | 1263.1 |
| 128 | 25600 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 6.1 | 598.45 | 1946.5 | **SUB** | 2.888 | 271.57 | 864.4 | **DES** | 0.076 | 0.38 | 356.4 | **TERR** | 0.959 | 465.48 | 2245 | **SANEO** | 16.01 | 2157.26 | 6930.3 | **VEGETAL** | 4.57 | 497.41 | 1760.5 |
| 128 | 25700 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 6.8 | 644.51 | 2591 | **SUB** | 3.232 | 306.02 | 1170.4 | **DES** | 0.127 | 28.19 | 384.5 | **TERR** | 0.908 | 64.55 | 2309.6 | **SANEO** | 16.17 | 1100.13 | 8030.4 | **VEGETAL** | 5.02 | 474.18 | 2234.7 |
| 128 | 25800 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 7.7 | 731.34 | 3322.4 | **SUB** | 3.576 | 340.45 | 1510.9 | **DES** | 0 | 2.24 | 386.8 | **TERR** | 6.58 | 706.03 | 3015.6 | **SANEO** | 27.51 | 2485.88 | 10516.3 | **VEGETAL** | 6.14 | 583.58 | 2818.3 |
| 128 | 25900 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 8.2 | 787.72 | 4110.1 | **SUB** | 3.922 | 374.89 | 1885.7 | **DES** | 9.042 | 362.15 | 748.9 | **TERR** | 0.001 | 54.37 | 3070 | **SANEO** | 0 | 365.38 | 10881.6 | **VEGETAL** | 6.88 | 602.87 | 3421.2 |
| 128 | 26000 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 8.9 | 856.06 | 4966.2 | **SUB** | 4.266 | 409.32 | 2295.1 | **DES** | 18.5 | 1553.44 | 2302.4 | **TERR** | 0.001 | 0.07 | 3070.1 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 7.69 | 736.18 | 4157.3 |
| 128 | 26100 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 9.6 | 924.97 | 5891.1 | **SUB** | 4.61 | 443.77 | 2738.8 | **DES** | 17.44 | 1721.79 | 4024.2 | **TERR** | 0.001 | 0.07 | 3070.1 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 8.11 | 786.82 | 4944.2 |
| 128 | 26200 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 10 | 993.81 | 6884.9 | **SUB** | 4.954 | 478.24 | 3217.1 | **DES** | 24.97 | 2109.92 | 6134.1 | **TERR** | 0 | 0.06 | 3070.2 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 8.76 | 844.74 | 5788.9 |
| 128 | 26300 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 11 | 1062.64 | 7947.6 | **SUB** | 5.299 | 512.7 | 3729.8 | **DES** | 78.59 | 4640.99 | 10775.1 | **TERR** | 0 | 0.03 | 3070.2 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 9.82 | 917 | 6705.9 |
| 128 | 26400 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 12 | 1131.48 | 9079 | **SUB** | 5.644 | 547.14 | 4276.9 | **DES** | 145.2 | 10702.6 | 21477.7 | **TERR** | 0 | 0 | 3070.2 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 11 | 1035.66 | 7741.6 |
| 128 | 26500 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 12 | 1200.39 | 10279.4 | **SUB** | 5.988 | 581.58 | 4858.5 | **DES** | 289.5 | 22839.4 | 44317.1 | **TERR** | 0 | 0 | 3070.2 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 12.6 | 1187.33 | 8928.9 |
| 128 | 26600 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 13 | 1272.7 | 11552.1 | **SUB** | 6.333 | 616.02 | 5474.5 | **DES** | 0 | 11295.6 | 55612.7 | **TERR** | 49.03 | 425.04 | 3495.2 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 10.3 | 1105.08 | 10034 |
| 128 | 26700 | **EXC-TUN** | 0 | 0 | 0 | **CF** | 14 | 1341.61 | 12893.7 | **SUB** | 6.676 | 650.46 | 6125 | **DES** | 158.4 | 6252.82 | 61865.5 | **TERR** | 0 | 495.73 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 12.9 | 1113.52 | 11148 |
| 128 | 26800 | **EXC-TUN** | 70.6 | 1412.9 | 1412.9 | **CF** | 0 | 1120.11 | 14013.9 | **SUB** | 0 | 554.89 | 6679.9 | **DES** | 0 | 28694.3 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 1332.88 | 12480 |
| 128 | 26900 | **EXC-TUN** | 70.6 | 7064.7 | 8477.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 27000 | **EXC-TUN** | 70.6 | 7064.7 | 15542.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 27100 | **EXC-TUN** | 70.6 | 7064.7 | 22607 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 27200 | **EXC-TUN** | 70.6 | 7064.7 | 29671.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 27300 | **EXC-TUN** | 70.6 | 7064.7 | 36736.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 27400 | **EXC-TUN** | 70.6 | 7064.7 | 43801 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 27500 | **EXC-TUN** | 70.6 | 7064.7 | 50865.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 27600 | **EXC-TUN** | 70.6 | 7064.7 | 57930.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 27700 | **EXC-TUN** | 70.6 | 7064.7 | 64995 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 27800 | **EXC-TUN** | 70.6 | 7064.7 | 72059.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 27900 | **EXC-TUN** | 70.6 | 7064.7 | 79124.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 28000 | **EXC-TUN** | 70.6 | 7064.7 | 86189 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 28100 | **EXC-TUN** | 70.6 | 7064.7 | 93253.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 28200 | **EXC-TUN** | 70.6 | 7064.7 | 100318.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | 28300 | **EXC-TUN** | 70.6 | 7064.7 | 107383 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 28400 | **EXC-TUN** | 70.6 | 7064.7 | 114447.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 28500 | **EXC-TUN** | 70.6 | 7064.7 | 121512.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 28600 | **EXC-TUN** | 70.6 | 7064.7 | 128577 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 28700 | **EXC-TUN** | 70.6 | 7064.7 | 135641.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 28800 | **EXC-TUN** | 70.6 | 7064.7 | 142706.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 28900 | **EXC-TUN** | 70.6 | 7064.7 | 149771 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 29000 | **EXC-TUN** | 70.6 | 7064.7 | 156835.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 29100 | **EXC-TUN** | 70.6 | 7064.7 | 163900.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 29200 | **EXC-TUN** | 70.6 | 7064.7 | 170965.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 29300 | **EXC-TUN** | 70.6 | 7064.7 | 178029.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 29400 | **EXC-TUN** | 70.6 | 7064.7 | 185094.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 29500 | **EXC-TUN** | 70.6 | 7064.7 | 192159.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 29600 | **EXC-TUN** | 70.6 | 7064.7 | 199223.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 29700 | **EXC-TUN** | 70.6 | 7064.7 | 206288.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 29800 | **EXC-TUN** | 70.6 | 7064.7 | 213353.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 29900 | **EXC-TUN** | 70.6 | 7064.7 | 220417.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 30000 | **EXC-TUN** | 70.6 | 7064.7 | 227482.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 30100 | **EXC-TUN** | 70.6 | 7064.7 | 234547.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 30200 | **EXC-TUN** | 70.6 | 7064.7 | 241611.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 30300 | **EXC-TUN** | 70.6 | 7064.7 | 248676.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 30400 | **EXC-TUN** | 70.6 | 7064.7 | 255741.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 30500 | **EXC-TUN** | 70.6 | 7064.7 | 262805.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 30600 | **EXC-TUN** | 70.6 | 7064.7 | 269870.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 30700 | **EXC-TUN** | 70.6 | 7064.7 | 276935.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 30800 | **EXC-TUN** | 70.6 | 7064.7 | 283999.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 30900 | **EXC-TUN** | 70.6 | 7064.7 | 291064.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 31000 | **EXC-TUN** | 70.6 | 7064.7 | 298129.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 31100 | **EXC-TUN** | 70.6 | 7064.7 | 305193.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 31200 | **EXC-TUN** | 70.6 | 7064.7 | 312258.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 31300 | **EXC-TUN** | 70.6 | 7064.7 | 319323.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 31400 | **EXC-TUN** | 70.6 | 7064.7 | 326387.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 31500 | **EXC-TUN** | 70.6 | 7064.7 | 333452.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 31600 | **EXC-TUN** | 70.6 | 7064.7 | 340517.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 31700 | **EXC-TUN** | 70.6 | 7064.7 | 347581.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 31800 | **EXC-TUN** | 70.6 | 7064.7 | 354646.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 31900 | **EXC-TUN** | 70.6 | 7064.7 | 361711.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 32000 | **EXC-TUN** | 70.6 | 7064.7 | 368775.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 32100 | **EXC-TUN** | 70.6 | 7064.7 | 375840.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 32200 | **EXC-TUN** | 70.6 | 7064.7 | 382905.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 32300 | **EXC-TUN** | 70.6 | 7064.7 | 389969.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 32400 | **EXC-TUN** | 70.6 | 7064.7 | 397034.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | 32500 | **EXC-TUN** | 70.6 | 7064.7 | 404099.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 32600 | **EXC-TUN** | 70.6 | 7064.7 | 411163.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 32700 | **EXC-TUN** | 70.6 | 7064.7 | 418228.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 32800 | **EXC-TUN** | 70.6 | 7064.7 | 425293.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 32900 | **EXC-TUN** | 70.6 | 7064.7 | 432357.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 33000 | **EXC-TUN** | 70.6 | 7064.7 | 439422.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 33100 | **EXC-TUN** | 70.6 | 7064.7 | 446487.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 33200 | **EXC-TUN** | 70.6 | 7064.7 | 453551.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 33300 | **EXC-TUN** | 70.6 | 7064.7 | 460616.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 33400 | **EXC-TUN** | 70.6 | 7064.7 | 467681.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 33500 | **EXC-TUN** | 70.6 | 7064.7 | 474746 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 33600 | **EXC-TUN** | 70.6 | 7064.7 | 481810.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 33700 | **EXC-TUN** | 70.6 | 7064.7 | 488875.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 33800 | **EXC-TUN** | 70.6 | 7064.7 | 495940 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 33900 | **EXC-TUN** | 70.6 | 7064.7 | 503004.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 34000 | **EXC-TUN** | 70.6 | 7064.7 | 510069.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 34100 | **EXC-TUN** | 70.6 | 7064.7 | 517134 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 34200 | **EXC-TUN** | 70.6 | 7064.7 | 524198.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 34300 | **EXC-TUN** | 70.6 | 7064.7 | 531263.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 34400 | **EXC-TUN** | 70.6 | 7064.7 | 538328 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 34500 | **EXC-TUN** | 70.6 | 7064.7 | 545392.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 34600 | **EXC-TUN** | 70.6 | 7064.7 | 552457.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 34700 | **EXC-TUN** | 70.6 | 7064.7 | 559522 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 34800 | **EXC-TUN** | 70.6 | 7064.7 | 566586.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 34900 | **EXC-TUN** | 70.6 | 7064.7 | 573651.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 35000 | **EXC-TUN** | 70.6 | 7064.7 | 580716 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 35100 | **EXC-TUN** | 70.6 | 7064.7 | 587780.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 35200 | **EXC-TUN** | 70.6 | 7064.7 | 594845.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 35300 | **EXC-TUN** | 70.6 | 7064.7 | 601910 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 35400 | **EXC-TUN** | 70.6 | 7064.7 | 608974.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 35500 | **EXC-TUN** | 70.6 | 7064.7 | 616039.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 35600 | **EXC-TUN** | 70.6 | 7064.7 | 623104.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 35700 | **EXC-TUN** | 70.6 | 7064.7 | 630168.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 35800 | **EXC-TUN** | 70.6 | 7064.7 | 637233.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 35900 | **EXC-TUN** | 70.6 | 7064.7 | 644298.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 36000 | **EXC-TUN** | 70.6 | 7064.7 | 651362.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 36100 | **EXC-TUN** | 70.6 | 7064.7 | 658427.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 36200 | **EXC-TUN** | 70.6 | 7064.7 | 665492.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 36300 | **EXC-TUN** | 70.6 | 7064.7 | 672556.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 36400 | **EXC-TUN** | 70.6 | 7064.7 | 679621.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 36500 | **EXC-TUN** | 70.6 | 7064.7 | 686686.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 36600 | **EXC-TUN** | 70.6 | 7064.7 | 693750.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | 36700 | **EXC-TUN** | 70.6 | 7064.7 | 700815.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 36800 | **EXC-TUN** | 70.6 | 7064.7 | 707880.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 36900 | **EXC-TUN** | 70.6 | 7064.7 | 714944.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 37000 | **EXC-TUN** | 70.6 | 7064.7 | 722009.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 37100 | **EXC-TUN** | 70.6 | 7064.7 | 729074.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 37200 | **EXC-TUN** | 70.6 | 7064.7 | 736138.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 37300 | **EXC-TUN** | 70.6 | 7064.7 | 743203.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 37400 | **EXC-TUN** | 70.6 | 7064.7 | 750268.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 37500 | **EXC-TUN** | 70.6 | 7064.7 | 757332.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 37600 | **EXC-TUN** | 70.6 | 7064.7 | 764397.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 37700 | **EXC-TUN** | 70.6 | 7064.7 | 771462.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 37800 | **EXC-TUN** | 70.6 | 7064.7 | 778526.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 37900 | **EXC-TUN** | 70.6 | 7064.7 | 785591.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 38000 | **EXC-TUN** | 70.6 | 7064.7 | 792656.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 38100 | **EXC-TUN** | 70.6 | 7064.7 | 799720.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 38200 | **EXC-TUN** | 70.6 | 7064.7 | 806785.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 38300 | **EXC-TUN** | 70.6 | 7064.7 | 813850.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 38400 | **EXC-TUN** | 70.6 | 7064.7 | 820914.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 38500 | **EXC-TUN** | 70.6 | 7064.7 | 827979.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 38600 | **EXC-TUN** | 70.6 | 7064.7 | 835044.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 38700 | **EXC-TUN** | 70.6 | 7064.7 | 842108.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 38800 | **EXC-TUN** | 70.6 | 7064.7 | 849173.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 38900 | **EXC-TUN** | 70.6 | 7064.7 | 856238.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 39000 | **EXC-TUN** | 70.6 | 7064.7 | 863302.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 39100 | **EXC-TUN** | 70.6 | 7064.7 | 870367.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 39200 | **EXC-TUN** | 70.6 | 7064.7 | 877432.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 39300 | **EXC-TUN** | 70.6 | 7064.7 | 884496.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 39400 | **EXC-TUN** | 70.6 | 7064.7 | 891561.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 39500 | **EXC-TUN** | 70.6 | 7064.7 | 898626.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 39600 | **EXC-TUN** | 70.6 | 7064.7 | 905690.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 39700 | **EXC-TUN** | 70.6 | 7064.7 | 912755.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 39800 | **EXC-TUN** | 70.6 | 7064.7 | 919820.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 39900 | **EXC-TUN** | 70.6 | 7064.7 | 926885 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 40000 | **EXC-TUN** | 70.6 | 7064.7 | 933949.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 40100 | **EXC-TUN** | 70.6 | 7064.7 | 941014.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 40200 | **EXC-TUN** | 70.6 | 7064.7 | 948079 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 40300 | **EXC-TUN** | 70.6 | 7064.7 | 955143.6 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 40400 | **EXC-TUN** | 70.6 | 7064.7 | 962208.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 40500 | **EXC-TUN** | 70.6 | 7064.7 | 969273 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 40600 | **EXC-TUN** | 70.6 | 7064.7 | 976337.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 40700 | **EXC-TUN** | 70.6 | 7064.7 | 983402.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 40800 | **EXC-TUN** | 70.6 | 7064.7 | 990467 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | 40900 | **EXC-TUN** | 70.6 | 7064.7 | 997531.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 41000 | **EXC-TUN** | 70.6 | 7064.7 | 1004596.3 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 41100 | **EXC-TUN** | 70.6 | 7064.7 | 1011661 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 41200 | **EXC-TUN** | 70.6 | 7064.7 | 1018725.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 41300 | **EXC-TUN** | 70.6 | 7064.7 | 1025790.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 41400 | **EXC-TUN** | 70.6 | 7064.7 | 1032855 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 41500 | **EXC-TUN** | 70.6 | 7064.7 | 1039919.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 41600 | **EXC-TUN** | 70.6 | 7064.7 | 1046984.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 41700 | **EXC-TUN** | 70.6 | 7064.7 | 1054049 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 41800 | **EXC-TUN** | 70.6 | 7064.7 | 1061113.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 41900 | **EXC-TUN** | 70.6 | 7064.7 | 1068178.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 42000 | **EXC-TUN** | 70.6 | 7064.7 | 1075243.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 42100 | **EXC-TUN** | 70.6 | 7064.7 | 1082307.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 42200 | **EXC-TUN** | 70.6 | 7064.7 | 1089372.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 42300 | **EXC-TUN** | 70.6 | 7064.7 | 1096437.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 42400 | **EXC-TUN** | 70.6 | 7064.7 | 1103501.7 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 42500 | **EXC-TUN** | 70.6 | 7064.7 | 1110566.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 42600 | **EXC-TUN** | 70.6 | 7064.7 | 1117631.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 42700 | **EXC-TUN** | 70.6 | 7064.7 | 1124695.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 42800 | **EXC-TUN** | 70.6 | 7064.7 | 1131760.4 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 42900 | **EXC-TUN** | 70.6 | 7064.7 | 1138825.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 43000 | **EXC-TUN** | 70.6 | 7064.7 | 1145889.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 43100 | **EXC-TUN** | 70.6 | 7064.7 | 1152954.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 43200 | **EXC-TUN** | 70.6 | 7064.7 | 1160019.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 43300 | **EXC-TUN** | 70.6 | 7064.7 | 1167083.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 43400 | **EXC-TUN** | 70.6 | 7064.7 | 1174148.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 43500 | **EXC-TUN** | 70.6 | 7064.7 | 1181213.1 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 43600 | **EXC-TUN** | 70.6 | 7064.7 | 1188277.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 43700 | **EXC-TUN** | 70.6 | 7064.7 | 1195342.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 43800 | **EXC-TUN** | 70.6 | 7064.7 | 1202407.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 43900 | **EXC-TUN** | 70.6 | 7064.7 | 1209471.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 44000 | **EXC-TUN** | 70.6 | 7064.7 | 1216536.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 44100 | **EXC-TUN** | 70.6 | 7064.7 | 1223601.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 44200 | **EXC-TUN** | 70.6 | 7064.7 | 1230665.8 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 44300 | **EXC-TUN** | 70.6 | 7064.7 | 1237730.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 44400 | **EXC-TUN** | 70.6 | 7064.7 | 1244795.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 44500 | **EXC-TUN** | 70.6 | 7064.7 | 1251859.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 44600 | **EXC-TUN** | 70.6 | 7064.7 | 1258924.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 44700 | **EXC-TUN** | 70.6 | 7064.7 | 1265989.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 44800 | **EXC-TUN** | 70.6 | 7064.7 | 1273053.9 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 44900 | **EXC-TUN** | 70.6 | 7064.7 | 1280118.5 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |
| 128 | 45000 | **EXC-TUN** | 70.6 | 7064.7 | 1287183.2 | **CF** | 0 | 0 | 14013.9 | **SUB** | 0 | 0 | 6679.9 | **DES** | 0 | 0 | 90559.8 | **TERR** | 0 | 0 | 3991 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 12480 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | 45100 | EXC-TUN | 70.6 | 7064.7 | 1294247.9 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 45200 | EXC-TUN | 70.6 | 7064.7 | 1301312.6 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 45300 | EXC-TUN | 70.6 | 7064.7 | 1308377.2 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 45400 | EXC-TUN | 70.6 | 7064.7 | 1315441.9 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 45500 | EXC-TUN | 70.6 | 7064.7 | 1322506.6 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 45600 | EXC-TUN | 70.6 | 7064.7 | 1329571.2 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 45700 | EXC-TUN | 70.6 | 7064.7 | 1336635.9 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 45800 | EXC-TUN | 70.6 | 7064.7 | 1343700.6 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 45900 | EXC-TUN | 70.6 | 7064.7 | 1350765.3 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 46000 | EXC-TUN | 70.6 | 7064.7 | 1357829.9 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 46100 | EXC-TUN | 70.6 | 7064.7 | 1364894.6 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 46200 | EXC-TUN | 70.6 | 7064.7 | 1371959.3 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 46300 | EXC-TUN | 70.6 | 7064.7 | 1379023.9 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 46400 | EXC-TUN | 70.6 | 7064.7 | 1386088.6 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 46500 | EXC-TUN | 70.6 | 7064.7 | 1393153.3 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 46600 | EXC-TUN | 70.6 | 7064.7 | 1400218 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 46700 | EXC-TUN | 70.6 | 7064.7 | 1407282.6 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 46800 | EXC-TUN | 70.6 | 7064.7 | 1414347.3 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 46900 | EXC-TUN | 70.6 | 7064.7 | 1421412 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 47000 | EXC-TUN | 70.6 | 7064.7 | 1428476.7 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 47100 | EXC-TUN | 70.6 | 7064.7 | 1435541.3 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 47200 | EXC-TUN | 70.6 | 7064.7 | 1442606 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 47300 | EXC-TUN | 70.6 | 7064.7 | 1449670.7 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 47400 | EXC-TUN | 70.6 | 7064.7 | 1456735.3 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 47500 | EXC-TUN | 70.6 | 7064.7 | 1463800 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 47600 | EXC-TUN | 70.6 | 7064.7 | 1470864.7 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 47700 | EXC-TUN | 70.6 | 7064.7 | 1477929.4 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 47800 | EXC-TUN | 70.6 | 7064.7 | 1484994 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 47900 | EXC-TUN | 70.6 | 7064.7 | 1492058.7 | CF | 0 | 0 | 14013.9 | SUB | 0 | 0 | 6679.9 | DES | 0 | 0 | 90559.8 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 12480 |
| 128 | 48000 | EXC-TUN | 0 | 2472.6 | 1494531.3 | CF | 6.2 | 92.63 | 14106.5 | SUB | 2.732 | 138.06 | 6817.9 | DES | 269.6 | 4753.77 | 95313.6 | TERR | 0 | 0 | 3991 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 7.64 | 121.34 | 12602 |
| 128 | 48100 | EXC-TUN | 0 | 0 | 1494531.3 | CF | 6.6 | 625.47 | 14732 | SUB | 2.732 | 273.17 | 7091.1 | DES | 0 | 8183.72 | 103497.3 | TERR | 49.41 | 498.73 | 4489.7 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 4.63 | 511.7 | 13113 |
| 128 | 48200 | EXC-TUN | 0 | 0 | 1494531.3 | CF | 0 | 229.41 | 14961.4 | SUB | 0 | 204.88 | 7296 | DES | 0 | 0 | 103497.3 | TERR | 0 | 14791 | 19281 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 544.94 | 13658 |
| 128 | 48300 | EXC-TUN | 0 | 0 | 1494531.3 | CF | 0 | 0 | 14961.4 | SUB | 0 | 0 | 7296 | DES | 0 | 0 | 103497.3 | TERR | 0 | 0 | 19281 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 13658 |
| 128 | 48400 | EXC-TUN | 0 | 0 | 1494531.3 | CF | 0 | 0 | 14961.4 | SUB | 0 | 0 | 7296 | DES | 0 | 0 | 103497.3 | TERR | 0 | 0 | 19281 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 13658 |
| 128 | 48500 | EXC-TUN | 0 | 0 | 1494531.3 | CF | 0 | 0 | 14961.4 | SUB | 0 | 0 | 7296 | DES | 0 | 0 | 103497.3 | TERR | 0 | 0 | 19281 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 13658 |
| 128 | 48600 | EXC-TUN | 0 | 0 | 1494531.3 | CF | 6 | 420.72 | 15382.1 | SUB | 2.732 | 232.22 | 7528.2 | DES | 30.72 | 3458.43 | 106955.7 | TERR | 0 | 1161.5 | 20442.5 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 3.65 | 415.07 | 14073 |
| 128 | 48700 | EXC-TUN | 0 | 0 | 1494531.3 | CF | 6.2 | 616.8 | 15998.9 | SUB | 2.732 | 273.2 | 7801.4 | DES | 214.7 | 8158.33 | 115114.1 | TERR | 0 | 0 | 20442.5 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 7.47 | 509.59 | 14583 |
| 128 | 48800 | EXC-TUN | 99.8 | 6985.6 | 1501517 | CF | 0 | 123.51 | 16122.4 | SUB | 0 | 83.77 | 7885.2 | DES | 0 | 6204.25 | 121318.3 | TERR | 0 | 0 | 20442.5 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 166.56 | 14750 |
| 128 | 48900 | EXC-TUN | 99.8 | 9979.5 | 1511496.4 | CF | 0 | 0 | 16122.4 | SUB | 0 | 0 | 7885.2 | DES | 0 | 0 | 121318.3 | TERR | 0 | 0 | 20442.5 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 14750 |
| 128 | 49000 | EXC-TUN | 99.8 | 9979.5 | 1521475.9 | CF | 0 | 0 | 16122.4 | SUB | 0 | 0 | 7885.2 | DES | 0 | 0 | 121318.3 | TERR | 0 | 0 | 20442.5 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 14750 |
| 128 | 49100 | EXC-TUN | 99.8 | 9979.5 | 1531455.4 | CF | 0 | 0 | 16122.4 | SUB | 0 | 0 | 7885.2 | DES | 0 | 0 | 121318.3 | TERR | 0 | 0 | 20442.5 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 14750 |
| 128 | 49200 | EXC-TUN | 99.8 | 9979.5 | 1541434.9 | CF | 0 | 0 | 16122.4 | SUB | 0 | 0 | 7885.2 | DES | 0 | 0 | 121318.3 | TERR | 0 | 0 | 20442.5 | SANEO | 0 | 0 | 10881.6 | VEGETAL | 0 | 0 | 14750 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | 49300 | **EXC-TUN** | 99.8 | 9979.5 | 1551414.4 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 49400 | **EXC-TUN** | 99.8 | 9979.5 | 1561393.8 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 49500 | **EXC-TUN** | 99.8 | 9979.5 | 1571373.3 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 49600 | **EXC-TUN** | 99.8 | 9979.5 | 1581352.8 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 49700 | **EXC-TUN** | 99.8 | 9979.5 | 1591332.3 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 49800 | **EXC-TUN** | 99.8 | 9979.5 | 1601311.7 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 49900 | **EXC-TUN** | 99.8 | 9979.5 | 1611291.2 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 50000 | **EXC-TUN** | 99.8 | 9979.5 | 1621270.7 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 50100 | **EXC-TUN** | 99.8 | 9979.5 | 1631250.2 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 50200 | **EXC-TUN** | 99.8 | 9979.5 | 1641229.7 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 50300 | **EXC-TUN** | 99.8 | 9979.5 | 1651209.1 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 50400 | **EXC-TUN** | 99.8 | 9979.5 | 1661188.6 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 50500 | **EXC-TUN** | 99.8 | 9979.5 | 1671168.1 | **CF** | 0 | 0 | 16122.4 | **SUB** | 0 | 0 | 7885.2 | **DES** | 0 | 0 | 121318.3 | **TERR** | 0 | 0 | 20442.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 14750 |
| 128 | 50600 | **EXC-TUN** | 0 | 3492.8 | 1674660.9 | **CF** | 6.5 | 403.02 | 16525.4 | **SUB** | 2.732 | 177.58 | 8062.7 | **DES** | 0.023 | 22110.4 | 143428.7 | **TERR** | 2.316 | 11.58 | 20454.1 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 2.45 | 494.78 | 15244 |
| 128 | 50700 | **EXC-TUN** | 0 | 0 | 1674660.9 | **CF** | 0 | 98.02 | 16623.5 | **SUB** | 0 | 40.98 | 8103.7 | **DES** | 0 | 0.11 | 143428.8 | **TERR** | 0 | 17443 | 37897.1 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 468.3 | 15713 |
| 128 | 50800 | **EXC-TUN** | 0 | 0 | 1674660.9 | **CF** | 0 | 0 | 16623.5 | **SUB** | 0 | 0 | 8103.7 | **DES** | 0 | 0 | 143428.8 | **TERR** | 0 | 0 | 37897.1 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 15713 |
| 128 | 50900 | **EXC-TUN** | 0 | 0 | 1674660.9 | **CF** | 6.6 | 32.78 | 16656.2 | **SUB** | 2.732 | 13.66 | 8117.4 | **DES** | 0 | 0 | 143428.8 | **TERR** | 299.3 | 17461 | 55357.9 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 13.7 | 352.54 | 16065 |
| 128 | 51000 | **EXC-TUN** | 99.8 | 6985.6 | 1681646.5 | **CF** | 0 | 187.17 | 16843.4 | **SUB** | 0 | 91.67 | 8209 | **DES** | 0 | 4881.43 | 148310.3 | **TERR** | 0 | 1496.5 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 229.88 | 16295 |
| 128 | 51100 | **EXC-TUN** | 99.8 | 9979.5 | 1691626 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 51200 | **EXC-TUN** | 99.8 | 9979.5 | 1701605.5 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 51300 | **EXC-TUN** | 99.8 | 9979.5 | 1711585 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 51400 | **EXC-TUN** | 99.8 | 9979.5 | 1721564.4 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 51500 | **EXC-TUN** | 99.8 | 9979.5 | 1731543.9 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 51600 | **EXC-TUN** | 99.8 | 9979.5 | 1741523.4 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 51700 | **EXC-TUN** | 99.8 | 9979.5 | 1751502.9 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 51800 | **EXC-TUN** | 99.8 | 9979.5 | 1761482.4 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 51900 | **EXC-TUN** | 99.8 | 9979.5 | 1771461.8 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 52000 | **EXC-TUN** | 99.8 | 9979.5 | 1781441.3 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 52100 | **EXC-TUN** | 99.8 | 9979.5 | 1791420.8 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 52200 | **EXC-TUN** | 99.8 | 9979.5 | 1801400.3 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 52300 | **EXC-TUN** | 99.8 | 9979.5 | 1811379.7 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 52400 | **EXC-TUN** | 99.8 | 9979.5 | 1821359.2 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 52500 | **EXC-TUN** | 99.8 | 9979.5 | 1831338.7 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 52600 | **EXC-TUN** | 99.8 | 9979.5 | 1841318.2 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 52700 | **EXC-TUN** | 99.8 | 9979.5 | 1851297.7 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 52800 | **EXC-TUN** | 99.8 | 9979.5 | 1861277.1 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 52900 | **EXC-TUN** | 99.8 | 9979.5 | 1871256.6 | **CF** | 0 | 0 | 16843.4 | **SUB** | 0 | 0 | 8209 | **DES** | 0 | 0 | 148310.3 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16295 |
| 128 | 53000 | **EXC-TUN** | 0 | 8482.6 | 1879739.2 | **CF** | 6.2 | 92.63 | 16936 | **SUB** | 2.732 | 40.98 | 8250 | **DES** | 700.3 | 12324 | 160634.2 | **TERR** | 0 | 0 | 56854.3 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 11.4 | 181.18 | 16476 |
| 128 | 53100 | **EXC-TUN** | 0 | 0 | 1879739.2 | **CF** | 0 | 405.21 | 17341.2 | **SUB** | 0 | 177.58 | 8427.6 | **DES** | 0 | 14546.8 | 175181 | **TERR** | 0 | 920.41 | 57774.7 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 468.35 | 16945 |
| 128 | 53200 | **EXC-TUN** | 0 | 0 | 1879739.2 | **CF** | 0 | 0 | 17341.2 | **SUB** | 0 | 0 | 8427.6 | **DES** | 0 | 0 | 175181 | **TERR** | 0 | 0 | 57774.7 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 16945 |
| 128 | 53300 | **EXC-TUN** | 99.8 | 5488.7 | 1885227.9 | **CF** | 0 | 185.27 | 17526.5 | **SUB** | 0 | 81.96 | 8509.6 | **DES** | 0 | 8558.63 | 183739.6 | **TERR** | 0 | 238.21 | 58013 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 249.98 | 17195 |
| 128 | 53400 | **EXC-TUN** | 99.8 | 9979.5 | 1895207.4 | **CF** | 0 | 0 | 17526.5 | **SUB** | 0 | 0 | 8509.6 | **DES** | 0 | 0 | 183739.6 | **TERR** | 0 | 0 | 58013 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 17195 |

| EJE | PK | UD | SUP | PARCIAL | ACUMULADO | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM | UD | SUP | PARCIAL | ACUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | 53500 | **EXC-TUN** | 99.8 | 9979.5 | 1905186.8 | **CF** | 0 | 0 | 17526.5 | **SUB** | 0 | 0 | 8509.6 | **DES** | 0 | 0 | 183739.6 | **TERR** | 0 | 0 | 58013 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 17195 |
| 128 | 53600 | **EXC-TUN** | 99.8 | 9979.5 | 1915166.3 | **CF** | 0 | 0 | 17526.5 | **SUB** | 0 | 0 | 8509.6 | **DES** | 0 | 0 | 183739.6 | **TERR** | 0 | 0 | 58013 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 17195 |
| 128 | 53700 | **EXC-TUN** | 0 | 6985.6 | 1922151.9 | **CF** | 0 | 0 | 17526.5 | **SUB** | 0 | 0 | 8509.6 | **DES** | 388.7 | 18502.6 | 202242.2 | **TERR** | 0 | 0 | 58013 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 7.72 | 294.1 | 17489 |
| 128 | 53800 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 0 | 191.29 | 17717.8 | **SUB** | 0 | 81.95 | 8591.5 | **DES** | 0 | 5491.12 | 207733.4 | **TERR** | 0 | 3894.1 | 61907 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 392.5 | 17881 |
| 128 | 53900 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 0 | 0 | 17717.8 | **SUB** | 0 | 0 | 8591.5 | **DES** | 0 | 0 | 207733.4 | **TERR** | 0 | 0 | 61907 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 17881 |
| 128 | 54000 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 0 | 0 | 17717.8 | **SUB** | 0 | 0 | 8591.5 | **DES** | 0 | 0 | 207733.4 | **TERR** | 0 | 0 | 61907 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 17881 |
| 128 | 54100 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 6.3 | 601.42 | 18319.2 | **SUB** | 2.732 | 259.52 | 8851 | **DES** | 78.26 | 6487.2 | 214220.6 | **TERR** | 12.32 | 1375.7 | 63282.7 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 6.73 | 646.02 | 18527 |
| 128 | 54200 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 6.6 | 634.2 | 18953.4 | **SUB** | 2.732 | 273.18 | 9124.2 | **DES** | 0 | 4642.13 | 218862.7 | **TERR** | 19.08 | 1402.1 | 64684.8 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 3.41 | 516 | 19043 |
| 128 | 54300 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 6.3 | 636.42 | 19589.8 | **SUB** | 2.731 | 273.17 | 9397.4 | **DES** | 94.64 | 5440.45 | 224303.2 | **TERR** | 10.38 | 1430.3 | 66115.1 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 8.9 | 654.13 | 19697 |
| 128 | 54400 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 0 | 473.25 | 20063.1 | **SUB** | 0 | 204.87 | 9602.2 | **DES** | 0 | 6423.3 | 230726.5 | **TERR** | 92.71 | 1536.4 | 67651.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 5.01 | 606.47 | 20304 |
| 128 | 54500 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 0 | 0 | 20063.1 | **SUB** | 0 | 0 | 9602.2 | **DES** | 0 | 0 | 230726.5 | **TERR** | 0 | 2619.2 | 70270.8 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 121.79 | 20426 |
| 128 | 54600 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 0 | 0 | 20063.1 | **SUB** | 0 | 0 | 9602.2 | **DES** | 0 | 0 | 230726.5 | **TERR** | 0 | 0 | 70270.8 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 20426 |
| 128 | 54700 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 0 | 0 | 20063.1 | **SUB** | 0 | 0 | 9602.2 | **DES** | 0 | 0 | 230726.5 | **TERR** | 0 | 0 | 70270.8 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 20426 |
| 128 | 54800 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 5.4 | 515.5 | 20578.6 | **SUB** | 2.632 | 250.04 | 9852.3 | **DES** | 0 | 0 | 230726.5 | **TERR** | 14.06 | 1664.3 | 71935 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 1.81 | 180.43 | 20606 |
| 128 | 54900 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 5.4 | 542.63 | 21121.2 | **SUB** | 2.632 | 263.2 | 10116 | **DES** | 0 | 0 | 230726.5 | **TERR** | 11.81 | 1363.9 | 73298.9 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 162.87 | 20769 |
| 128 | 55000 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 5.4 | 542.63 | 21663.9 | **SUB** | 2.632 | 263.21 | 10379 | **DES** | 0 | 0 | 230726.5 | **TERR** | 6.173 | 823.62 | 74122.5 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 20769 |
| 128 | 55083 | **EXC-TUN** | 0 | 0 | 1922151.9 | **CF** | 5.4 | 449.58 | 22113.4 | **SUB** | 2.632 | 218.06 | 10597 | **DES** | 0 | 0 | 230726.5 | **TERR** | 5.607 | 476.03 | 74598.6 | **SANEO** | 0 | 0 | 10881.6 | **VEGETAL** | 0 | 0 | 20769 |