مذكرة اضافية

**واردة من المنطقة السادسة - وادي سوف**

اسم المقاول :

اسم الشركة المنفذة :

قيمة الصفقة المبدئية في البداية :

مدة الصفقة :

تاريخ بدء الصفقة :

تاريخ الانتهاء طبقا لبند الصفقة :

**الموضوع :**

**الموضوع :**

**إعداد مقتضى :**

**تحرير من :**

**رئيس الإدارة الترخيص بتسليم تقني :**

**رئيس الإدارة الترخيص بتسليم تقني :**

**رئيس الإدارة الترخيص بتسليم وصف الطرق :**

**رئيس قطاع الصفقات والمشتريات :**

**المدير :**

**المؤشر :**

**نواب مقتضى من : بلقاسم الناصري وصلاتي**

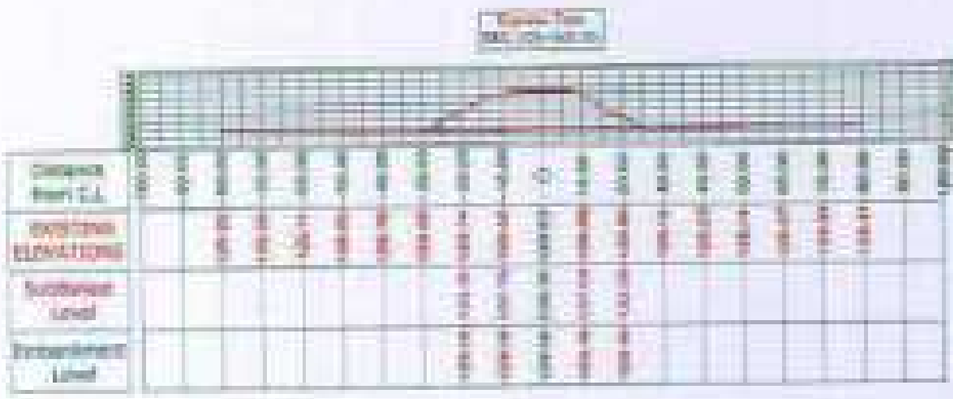
**رئيس القسمة العامة للتطوير والاستثمار**

Total Volume at Station 225+460.00

| MATERIAL NAME | FILL AREA | FILL VOL. | CUM FILL VOL. |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

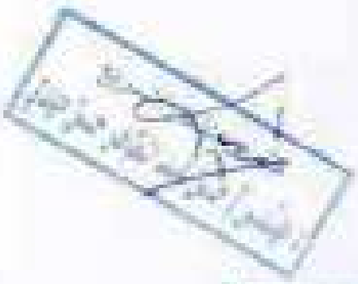
Total Volume at Station 225+480.00

| MATERIAL NAME | FILL AREA | FILL VOL. | CUM FILL VOL. |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |




Total Volume at Station 225+500.00

| MATERIAL NAME | FILL AREA | FILL VOL. | CUM FILL VOL. |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |



Total Volume at Station 225+520.00

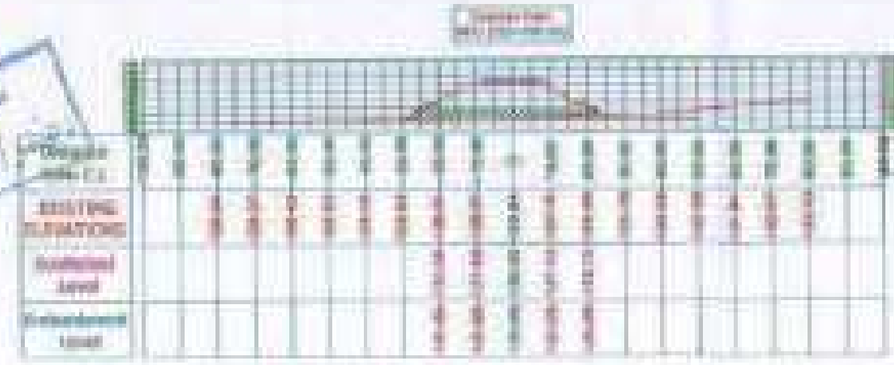
| MATERIAL NAME | FILL AREA | FILL VOL. | CUM FILL VOL. |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 225+540.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 225+560.00

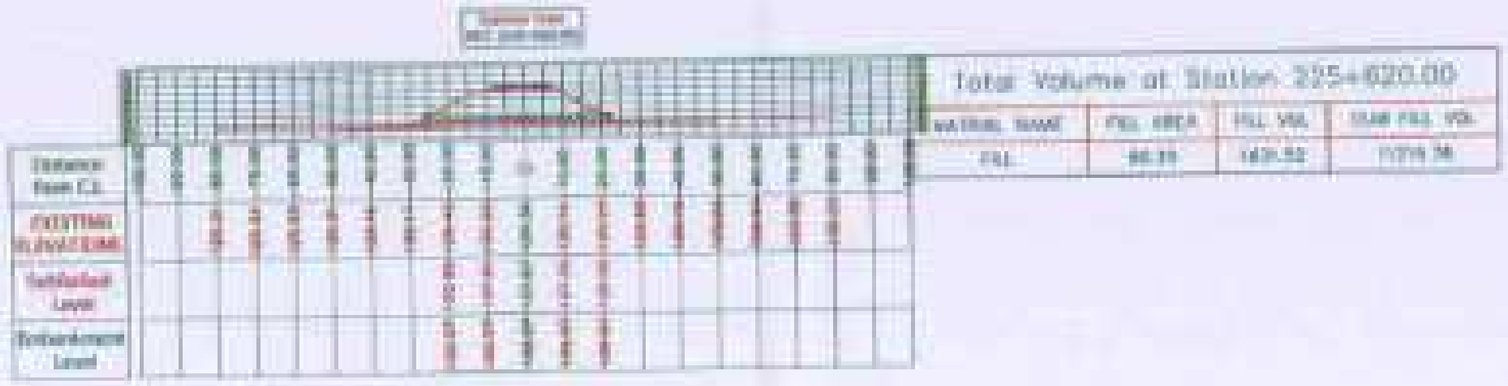
| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

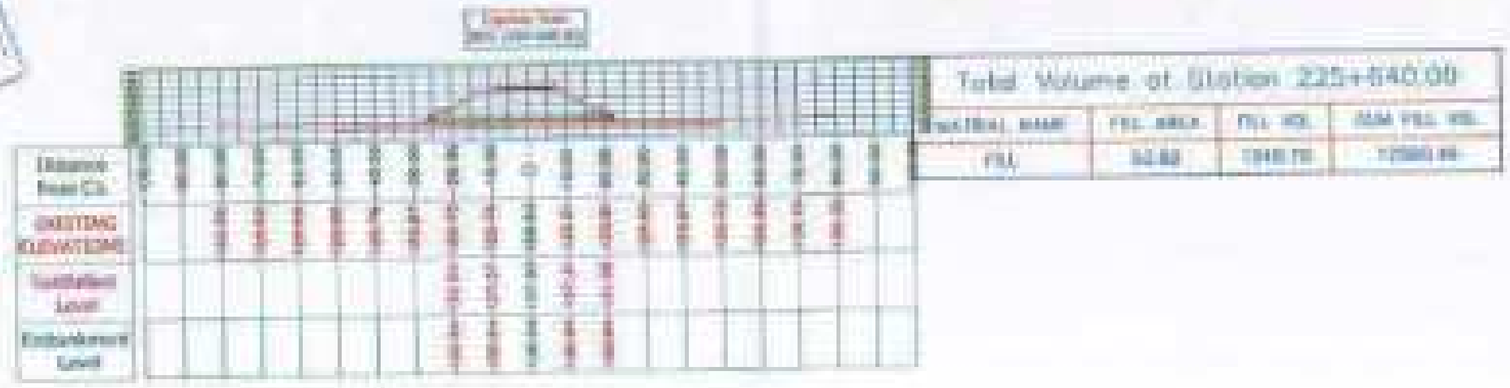



Total Volume at Station 225+580.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 225+600.00
MATERIAL NAME
FILL AREA
FILL VOL.
SUM FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subbalast Level
Embankment Level


Total Volume at Station 225+620.00
MATERIAL NAME
FILL AREA
FILL VOL.
SUM FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subballast Level
Embankment Level


Total Volume at Station 225+640.00
MATERIAL NAME
FILL AREA
FILL VOL.
SUM FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subballast Level
Embankment Level

| Distance from C.L | EXISTING ELEVATIONS | Subballast Level | Embankment Level |
|---|---|---|---|
| -110.00 | | | |
| -90.00 | | | |
| -80.00 | | | |
| -70.00 | | | |
| -60.00 | | | |
| -50.00 | | | |
| -40.00 | | | |
| -30.00 | | | |
| -20.00 | | | |
| -10.00 | | | |
| C | | | |
| 10.00 | | | |
| 20.00 | | | |
| 30.00 | | | |
| 40.00 | | | |
| 50.00 | | | |
| 60.00 | | | |
| 70.00 | | | |
| 80.00 | | | |
| 90.00 | | | |

Total Volume at Station 225+660.00

| MATRIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 27.30 | 231.14 | 13311.60 |

| Distance from C.L | EXISTING ELEVATIONS | Subballast Level | Embankment Level |
|---|---|---|---|
| -110.00 | | | |
| -90.00 | | | |
| -80.00 | | | |
| -70.00 | | | |
| -60.00 | | | |
| -50.00 | | | |
| -40.00 | | | |
| -30.00 | | | |
| -20.00 | | | |
| -10.00 | | | |
| C | | | |
| 10.00 | | | |
| 20.00 | | | |
| 30.00 | | | |
| 40.00 | | | |
| 50.00 | | | |
| 60.00 | | | |
| 70.00 | | | |
| 80.00 | | | |
| 90.00 | | | |

Total Volume at Station 225+680.00

| MATRIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 0.00 | 212.98 | 13524.57 |

Total Volume at Station 225+740.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 43.30 | 485.96 | 1487.53 |

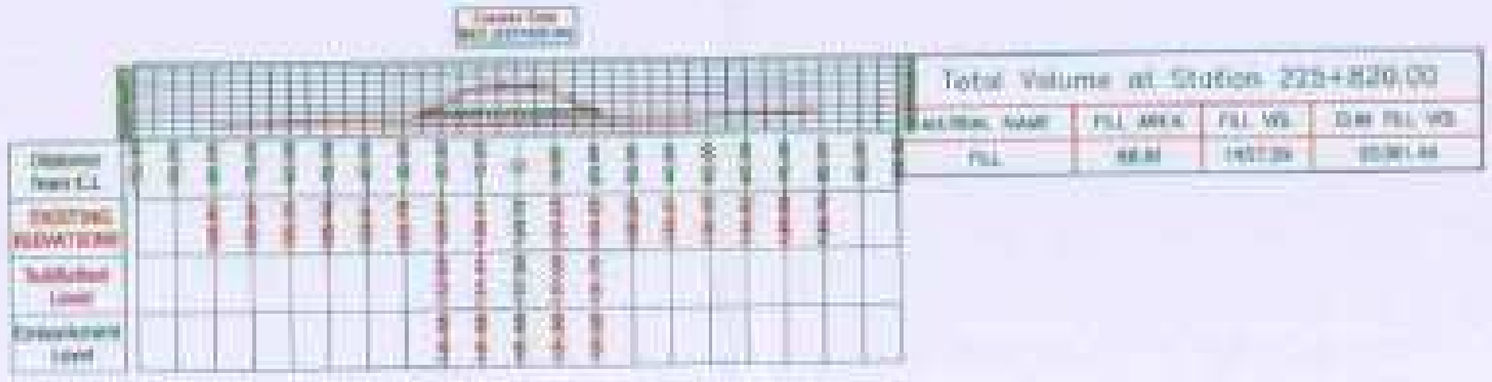
Total Volume at Station 225+760.00

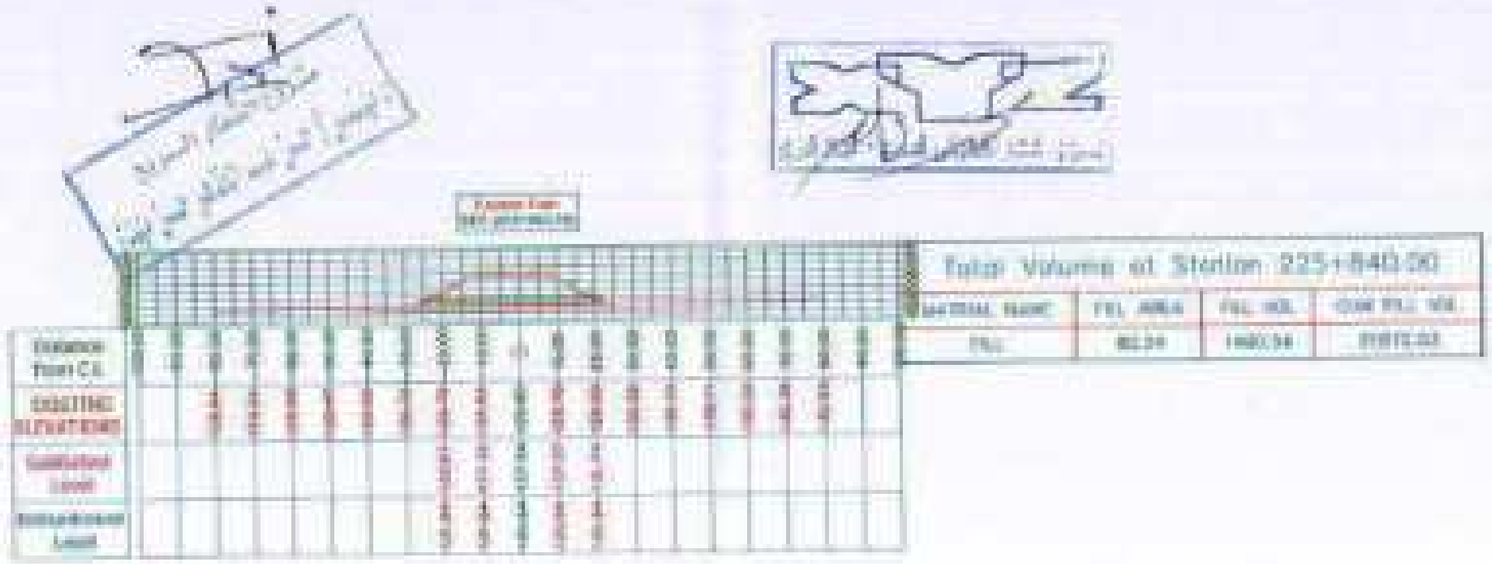
| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 225+780.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 225+800.00
MATERIAL NAME
FILL AREA
FILL VOL
CUM FILL VOL
FILL
Designed Road C.L
EXISTING ELEVATIONS
Subbalast Level
Embankment Level


Total Volume at Station 225+820.00
MATERIAL NAME
FILL AREA
FILL VOL
CUM FILL VOL
FILL
Designed Road C.L
EXISTING ELEVATIONS
Subbalast Level
Embankment Level


Total Volume at Station 225+840.00
MATERIAL NAME
FILL AREA
FILL VOL
CUM FILL VOL
FILL
Designed Road C.L
EXISTING ELEVATIONS
Subbalast Level
Embankment Level

| Distance from C.L | 100.00 | 90.00 | 80.00 | 70.00 | 60.00 | 50.00 | 40.00 | 30.00 | 20.00 | 10.00 | 0 | 10.00 | 20.00 | 30.00 | 40.00 | 50.00 | 60.00 | 70.00 | 80.00 | 90.00 | 100.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING ELEVATIONS | | | 14.45 | 14.50 | 14.55 | 14.60 | 14.65 | 14.70 | 14.75 | 14.80 | 14.85 | 14.90 | 14.95 | 15.00 | 15.05 | 15.10 | 15.15 | 15.20 | 15.25 | | |
| Subballast Level | | | | | | | | | 14.82 | 14.87 | 14.92 | 14.97 | 15.02 | 15.07 | | | | | | | |
| Embankment Level | | | | | | | | | 14.84 | 14.89 | 14.94 | 14.99 | 15.04 | 15.09 | | | | | | | |

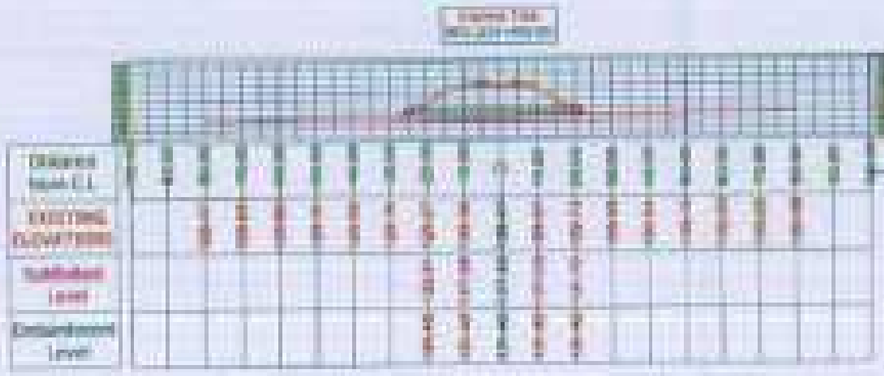
Total Volume at Station 225+860.00

| MATRIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 93.40 | 1738.42 | 23608.45 |

| Distance from C.L | 100.00 | 90.00 | 80.00 | 70.00 | 60.00 | 50.00 | 40.00 | 30.00 | 20.00 | 10.00 | 0 | 10.00 | 20.00 | 30.00 | 40.00 | 50.00 | 60.00 | 70.00 | 80.00 | 90.00 | 100.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING ELEVATIONS | | | 14.45 | 14.50 | 14.55 | 14.60 | 14.65 | 14.70 | 14.75 | 14.80 | 14.85 | 14.90 | 14.95 | 15.00 | 15.05 | 15.10 | 15.15 | 15.20 | 15.25 | | |
| Subballast Level | | | | | | | | | 14.82 | 14.87 | 14.92 | 14.97 | 15.02 | 15.07 | | | | | | | |
| Embankment Level | | | | | | | | | 14.84 | 14.89 | 14.94 | 14.99 | 15.04 | 15.09 | | | | | | | |

Total Volume at Station 225+880.00

| MATRIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 90.23 | 1836.56 | 25445.01 |

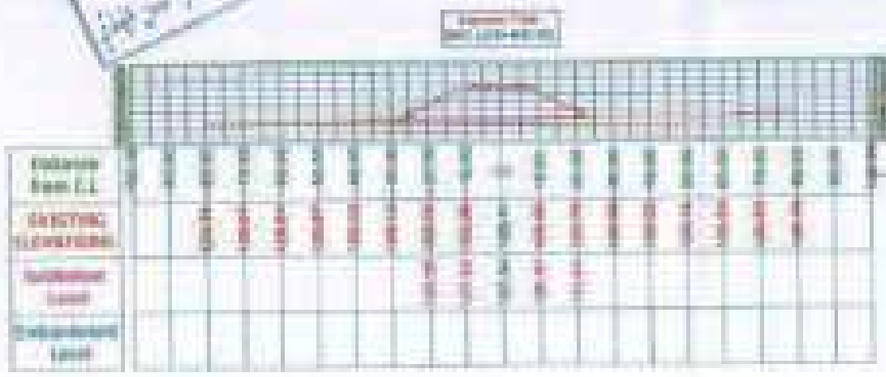



Total Volume at Station 225+900.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 225+920.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

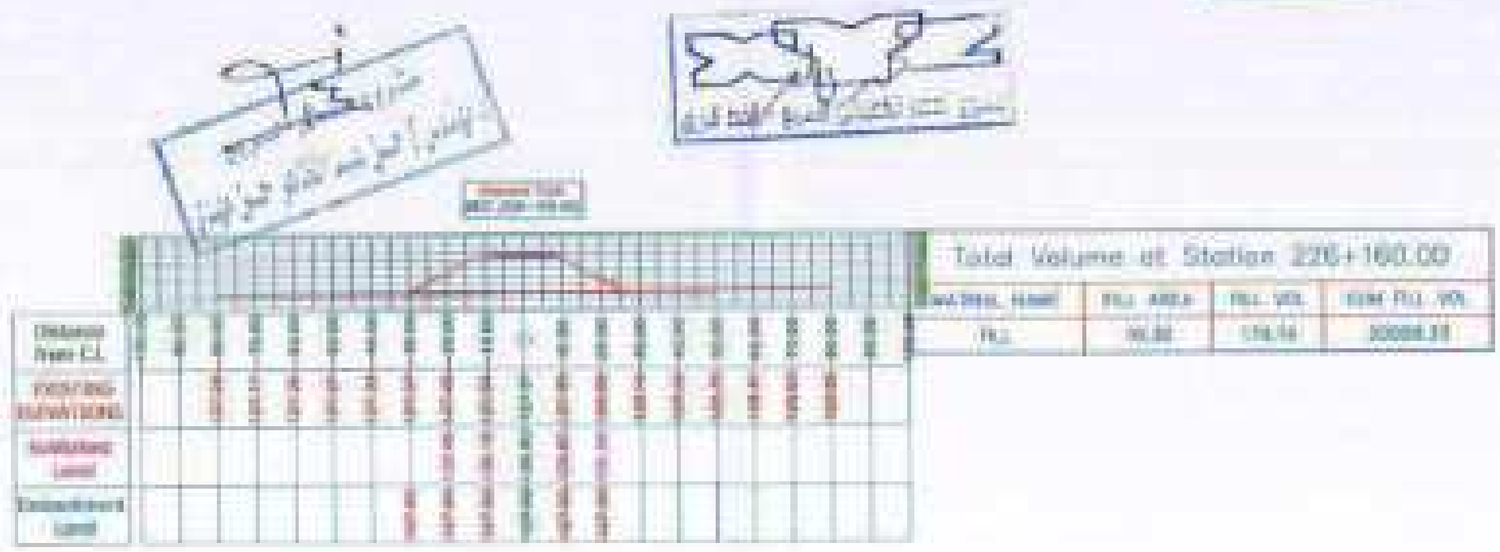



Total Volume at Station 225+940.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 226+120.00
MATERIAL NAME
FILL AREA
FILL VOL.
CUM FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subbalast Level
Trackbed Level

Total Volume at Station 226+140.00
MATERIAL NAME
FILL AREA
FILL VOL.
CUM FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subbalast Level
Trackbed Level


Total Volume at Station 226+160.00
MATERIAL NAME
FILL AREA
FILL VOL.
CUM FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subbalast Level
Trackbed Level

Total Volume at Station 226+190.00

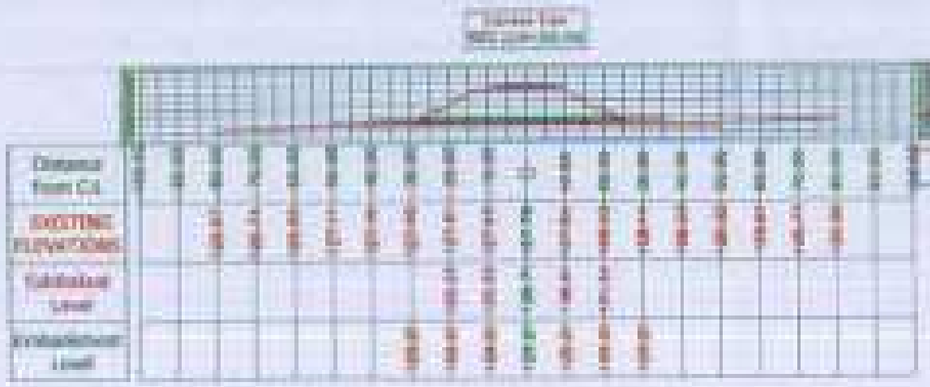
| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 15.75 | [illegible] | [illegible] |

Total Volume at Station 226+200.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 8.25 | [illegible] | [illegible] |

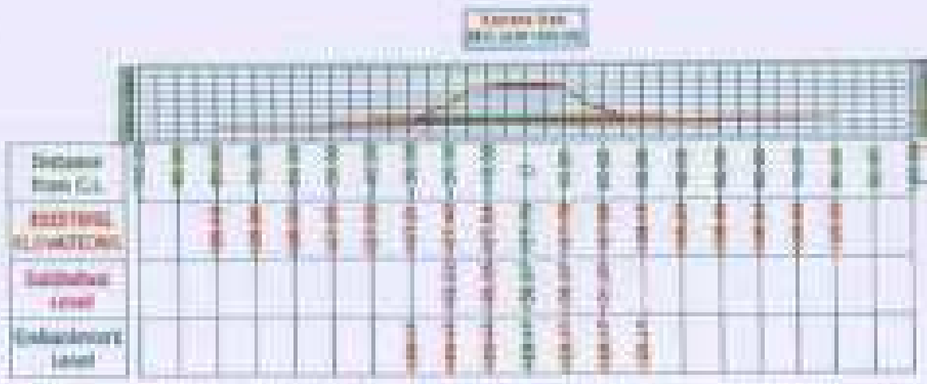
Total Volume at Station 226+220.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 0.00 | [illegible] | [illegible] |




Total Volume at Station 226+260.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

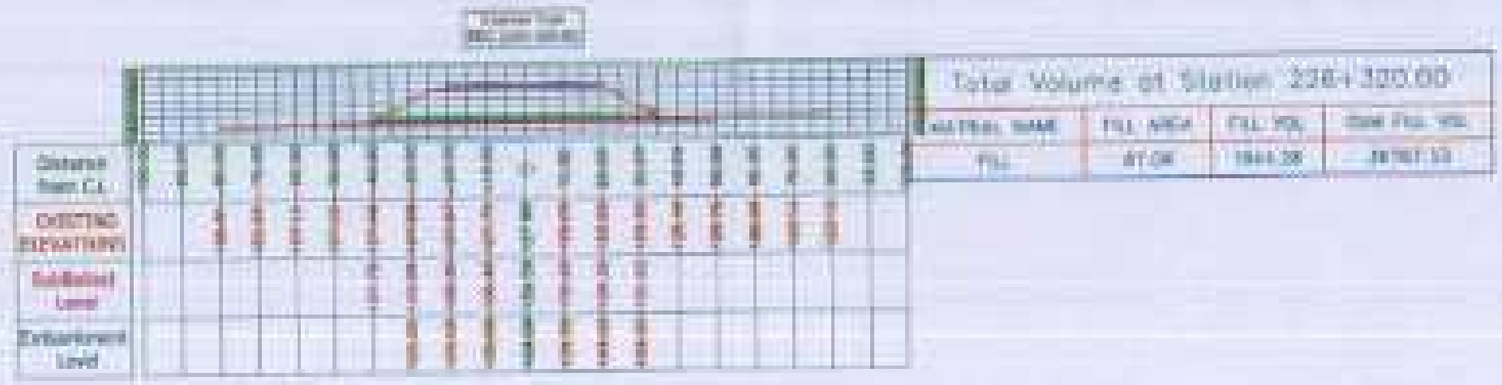


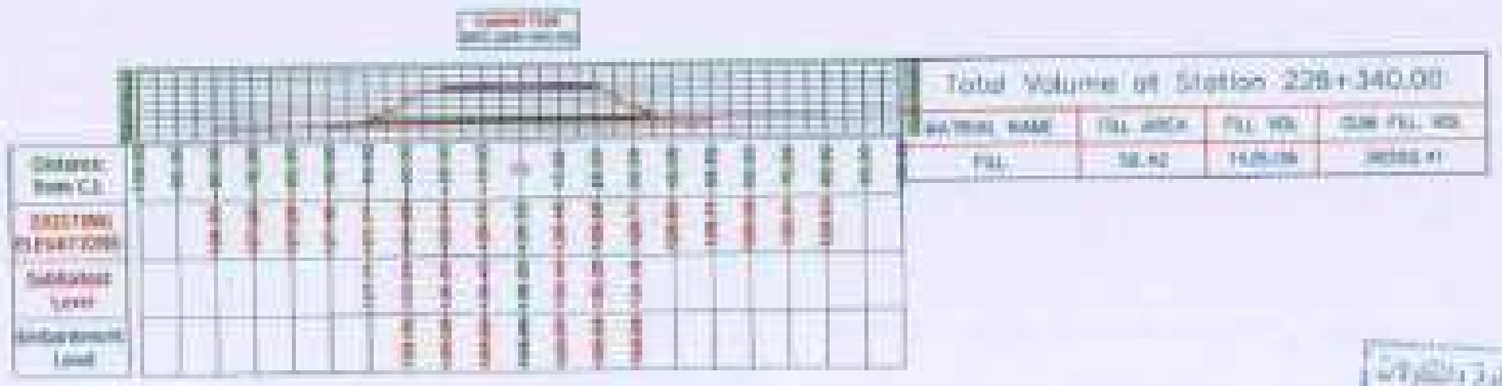

Total Volume at Station 226+280.00

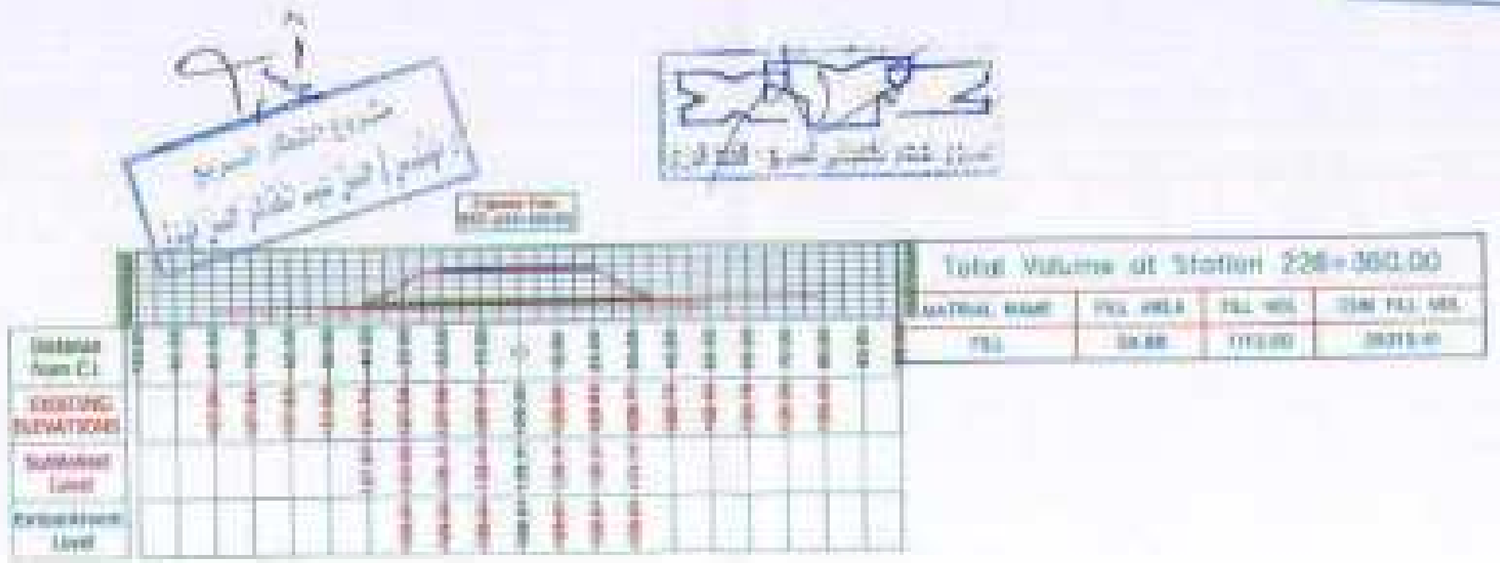
| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

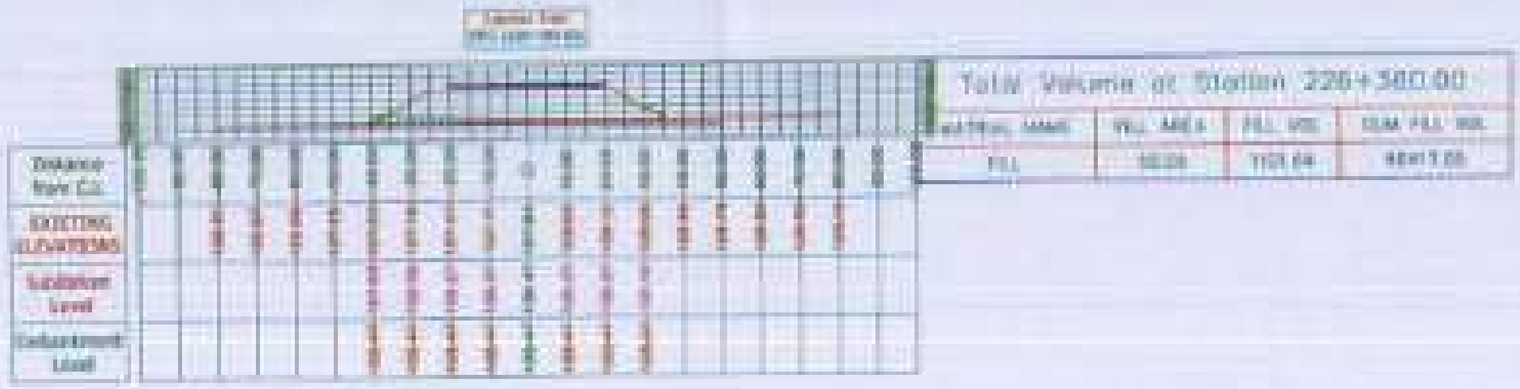
Total Volume at Station 226+300.00

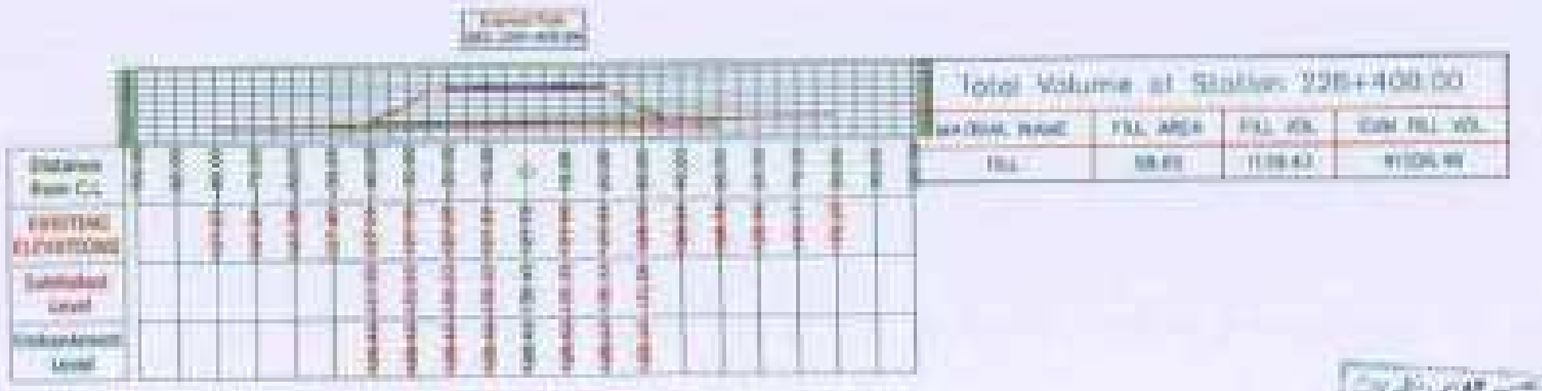
| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 107.34 | 1863.82 | 24663.04 |

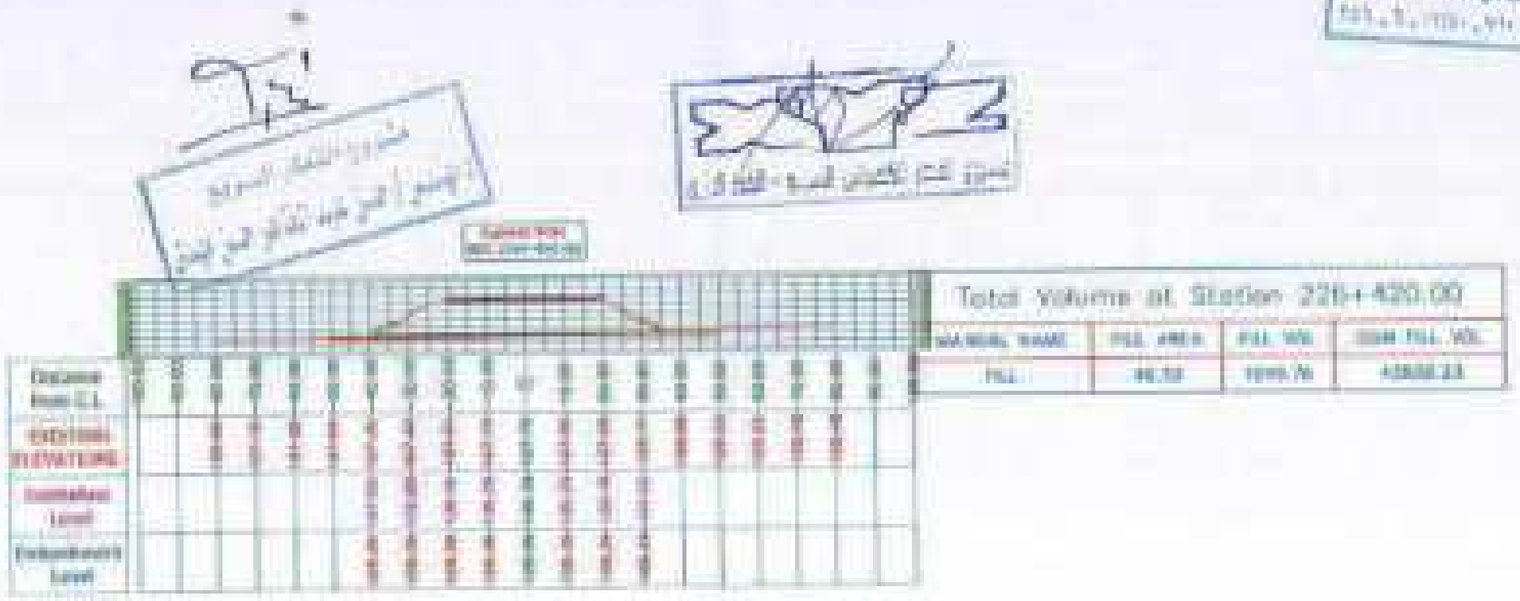

Total Volume at Station 228+320.00
MATERIAL NAME
FILL AREA
FILL VOL
CUM FILL VOL
FILL
87.08
1944.28
Distance from C.L.
EXISTING ELEVATIONS
Subbalast Level
Embankment Level

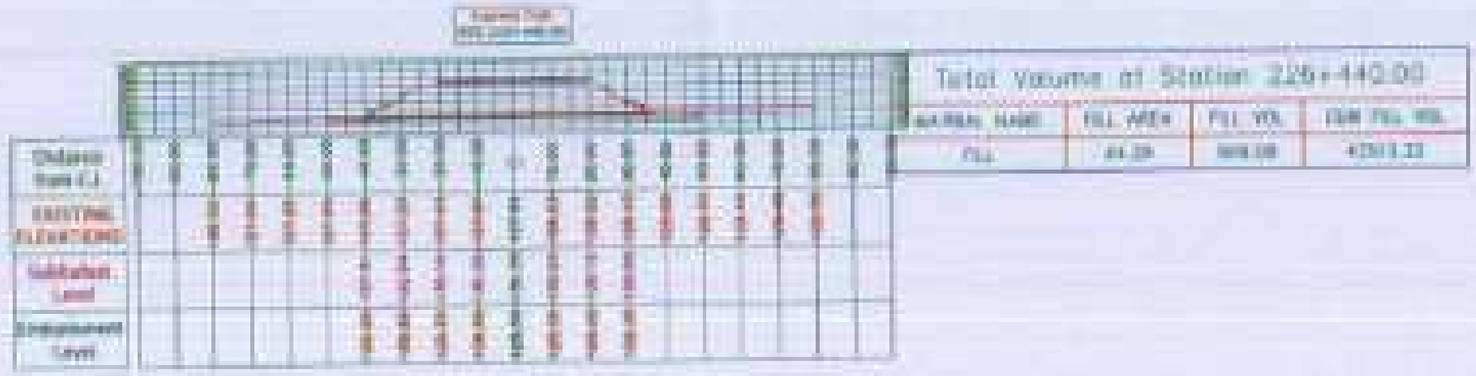

Total Volume at Station 228+340.00
MATERIAL NAME
FILL AREA
FILL VOL
CUM FILL VOL
FILL
58.42
1126.08
Distance from C.L.
EXISTING ELEVATIONS
Subbalast Level
Embankment Level


Total Volume at Station 228+360.00
MATERIAL NAME
FILL AREA
FILL VOL
CUM FILL VOL
FILL
59.88
1172.00
Distance from C.L.
EXISTING ELEVATIONS
Subbalast Level
Embankment Level


Total Volume at Station 226+380.00
MATERIAL NAME
FILL AREA
FILL VOL
CUM FILL VOL
FILL
Distance from C.L
EXISTING ELEVATIONS
Subgrade Level
Embankment Level

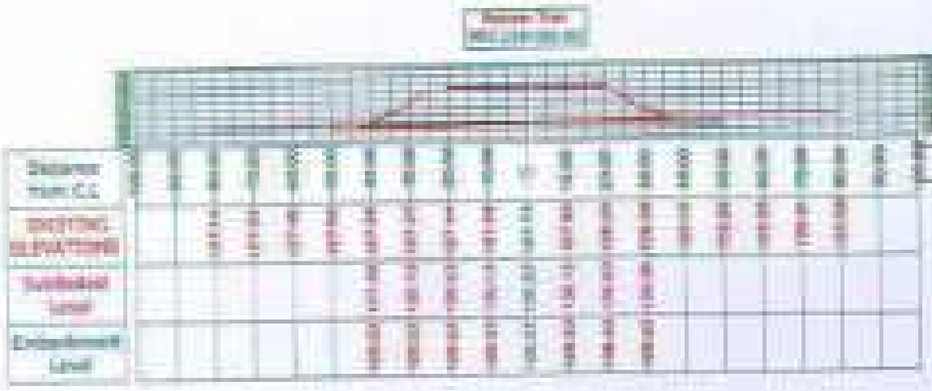

Total Volume at Station 226+400.00
MATERIAL NAME
FILL AREA
FILL VOL
CUM FILL VOL
FILL
Distance from C.L
EXISTING ELEVATIONS
Subgrade Level
Embankment Level


Total Volume at Station 226+420.00
MATERIAL NAME
FILL AREA
FILL VOL
CUM FILL VOL
FILL
Distance from C.L
EXISTING ELEVATIONS
Subgrade Level
Embankment Level


Total Volume at Station 226+440.00
MATERIAL NAME
FILL AREA
FILL VOL.
CUM. FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subbase Level
Embankment Level

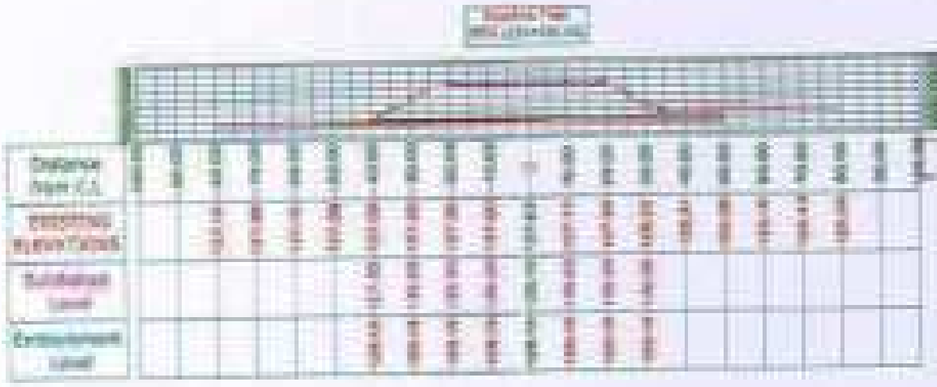
Total Volume at Station 226+460.00
MATERIAL NAME
FILL AREA
FILL VOL.
CUM. FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subbase Level
Embankment Level

Total Volume at Station 226+480.00
MATERIAL NAME
FILL AREA
FILL VOL.
CUM. FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subbase Level
Embankment Level



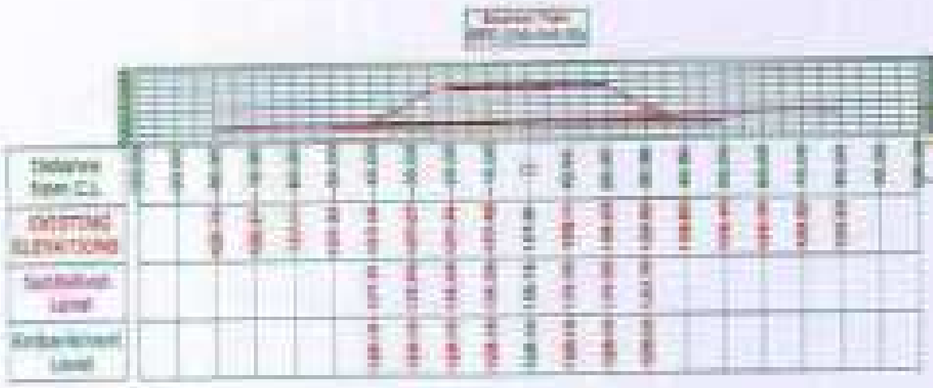

Total Volume at Station 226+500.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |



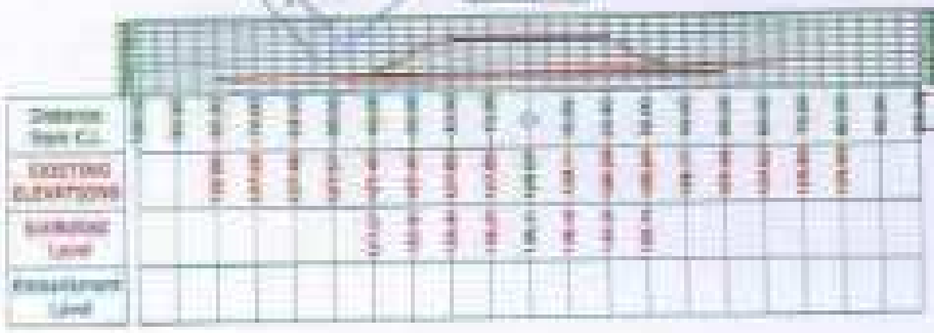

Total Volume at Station 226+520.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |




Total Volume at Station 226+540.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |




Total Volume at Station 226+560.00

| MATERIAL NAME | FILL AREA | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

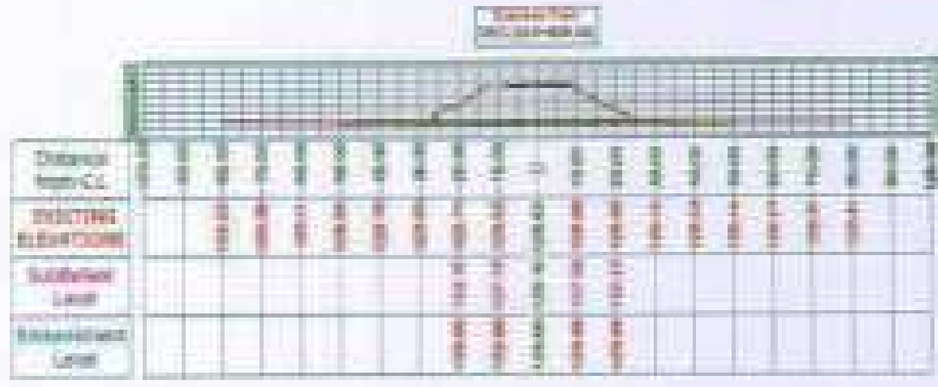
| | | | | | | |
|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

Total Volume at Station 225+460.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

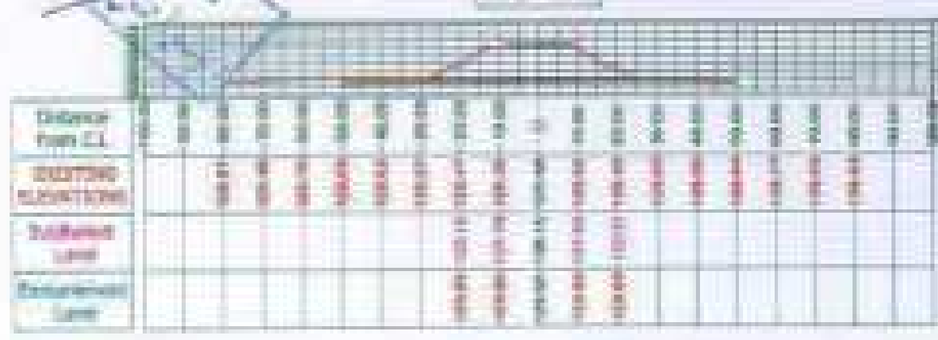
Total Volume at Station 225+480.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |



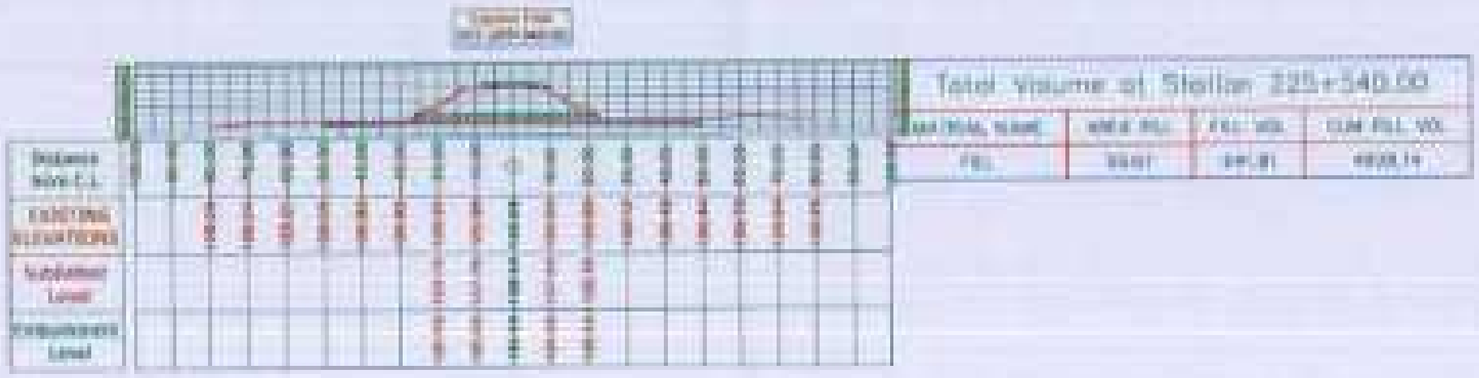

Total Volume at Station 225+500.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

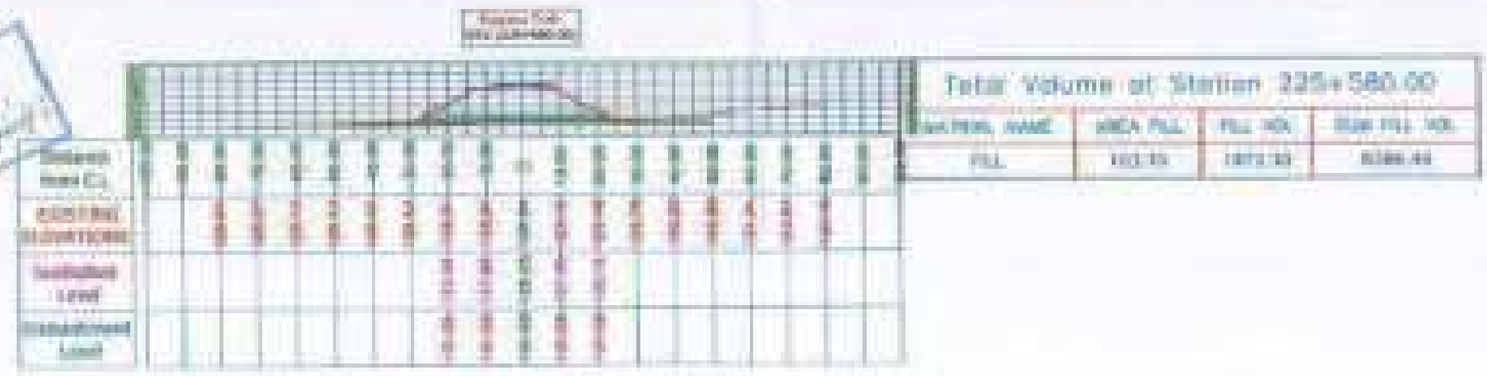



Total Volume at Station 225+520.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |


Total Volume at Station 225+540.00
MATERIAL NAME
AREA FILL
FILL VOL.
CUM FILL VOL.
FILL
Existing Road C.L.
EXISTING ELEVATIONS
Subgrade Level
Embankment Level

Total Volume at Station 225+560.00
MATERIAL NAME
AREA FILL
FILL VOL.
CUM FILL VOL.
FILL
Existing Road C.L.
EXISTING ELEVATIONS
Subgrade Level
Embankment Level


Total Volume at Station 225+580.00
MATERIAL NAME
AREA FILL
FILL VOL.
CUM FILL VOL.
FILL
Existing Road C.L.
EXISTING ELEVATIONS
Subgrade Level
Embankment Level

Total Volume at Station 225+600.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | 165.88 | 3046.44 | 10462.98 |

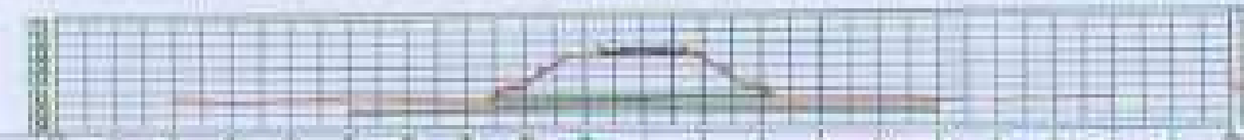
Total Volume at Station 225+620.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | 80.30 | 1603.50 | 12066.48 |

Total Volume at Station 225+640.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | 53.80 | 1341.10 | 13408.08 |

Express Train
SEC (225+660.00)



| Distance from C.L | EXISTING ELEVATIONS | SubBallast Level | Embankment Level |
|---|---|---|---|
| 100.00 | | | |
| 90.00 | | | |
| 80.00 | 48.30 | | |
| 70.00 | 48.30 | | |
| 60.00 | 48.30 | | |
| 50.00 | 48.30 | | |
| 40.00 | 48.30 | | |
| 30.00 | 48.30 | | |
| 20.00 | 48.30 | 47.10 | 47.10 |
| 10.00 | 48.30 | 47.10 | 47.10 |
| 0 | 48.30 | 47.10 | 47.10 |
| 10.00 | 48.30 | 47.10 | 47.10 |
| 20.00 | 48.30 | 47.10 | 47.10 |
| 30.00 | 48.30 | | |
| 40.00 | 48.30 | | |
| 50.00 | 48.30 | | |
| 60.00 | 48.30 | | |
| 70.00 | 48.30 | | |
| 80.00 | 48.30 | | |
| 90.00 | 48.30 | | |
| 100.00 | | | |

Total Volume at Station 225+660.00

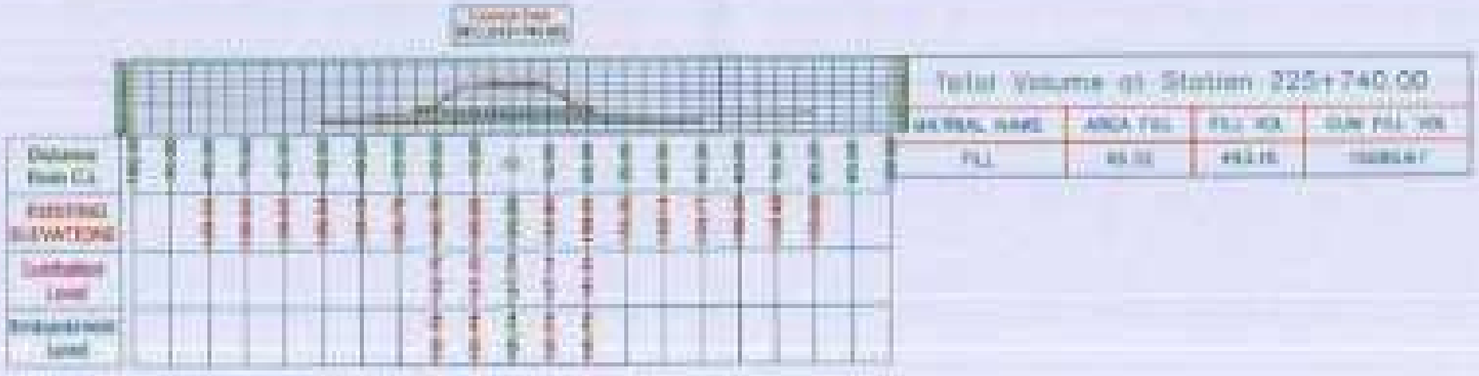
| MATRIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 21.35 | 752.03 | 14379.02 |

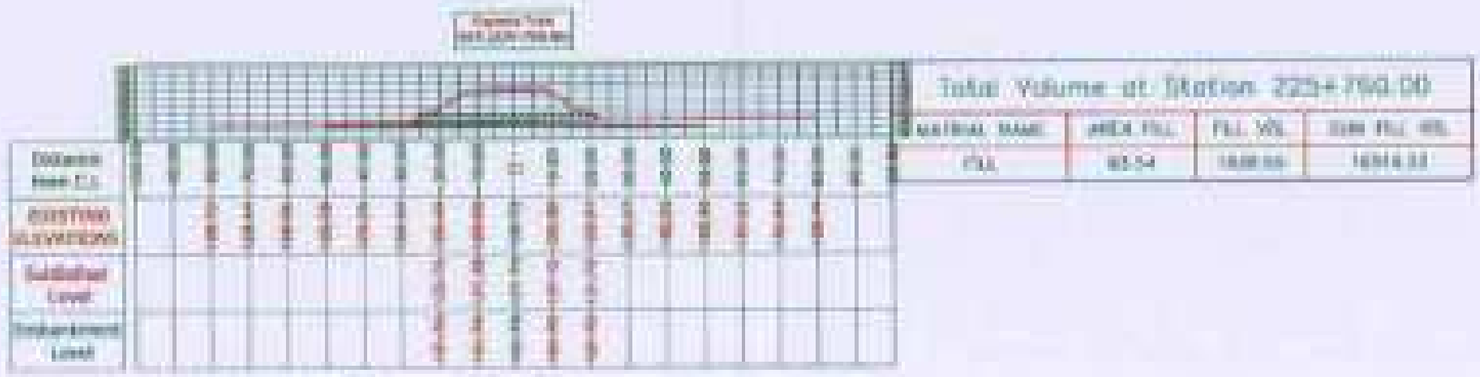
Express Train
SEC (225+680.00)

| Distance from C.L | EXISTING ELEVATIONS | SubBallast Level | Embankment Level |
|---|---|---|---|
| 100.00 | | | |
| 90.00 | | | |
| 80.00 | 48.30 | | |
| 70.00 | 48.30 | | |
| 60.00 | 48.30 | | |
| 50.00 | 48.30 | | |
| 40.00 | 48.30 | | |
| 30.00 | 48.30 | | |
| 20.00 | 48.30 | 47.10 | 47.10 |
| 10.00 | 48.30 | 47.10 | 47.10 |
| 0 | 48.30 | 47.10 | 47.10 |
| 10.00 | 48.30 | 47.10 | 47.10 |
| 20.00 | 48.30 | 47.10 | 47.10 |
| 30.00 | 48.30 | | |
| 40.00 | 48.30 | | |
| 50.00 | 48.30 | | |
| 60.00 | 48.30 | | |
| 70.00 | 48.30 | | |
| 80.00 | 48.30 | | |
| 90.00 | 48.30 | | |
| 100.00 | | | |

Total Volume at Station 225+680.00

| MATRIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 0.00 | 313.49 | 14593.51 |


Total Volume at Station 225+740.00
MATERIAL NAME
AREA FILL
FILL VOL
SUM FILL VOL
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subgrade Level
Embankment Level


Total Volume at Station 225+760.00
MATERIAL NAME
AREA FILL
FILL VOL
SUM FILL VOL
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subgrade Level
Embankment Level

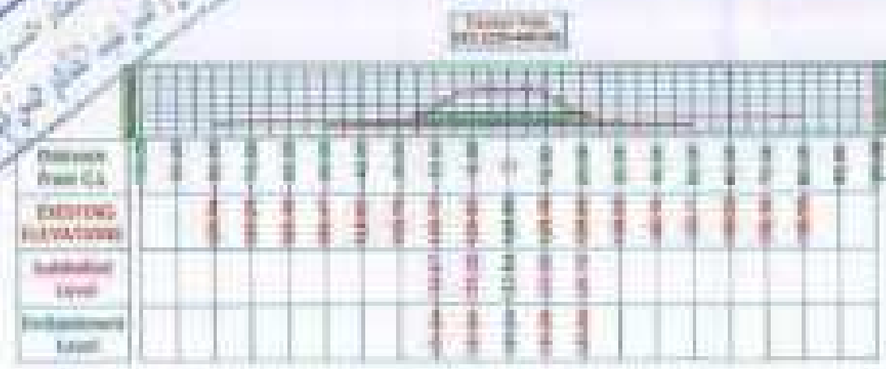
Total Volume at Station 225+780.00
MATERIAL NAME
AREA FILL
FILL VOL
SUM FILL VOL
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subgrade Level
Embankment Level

Total Volume at Station 225+880.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

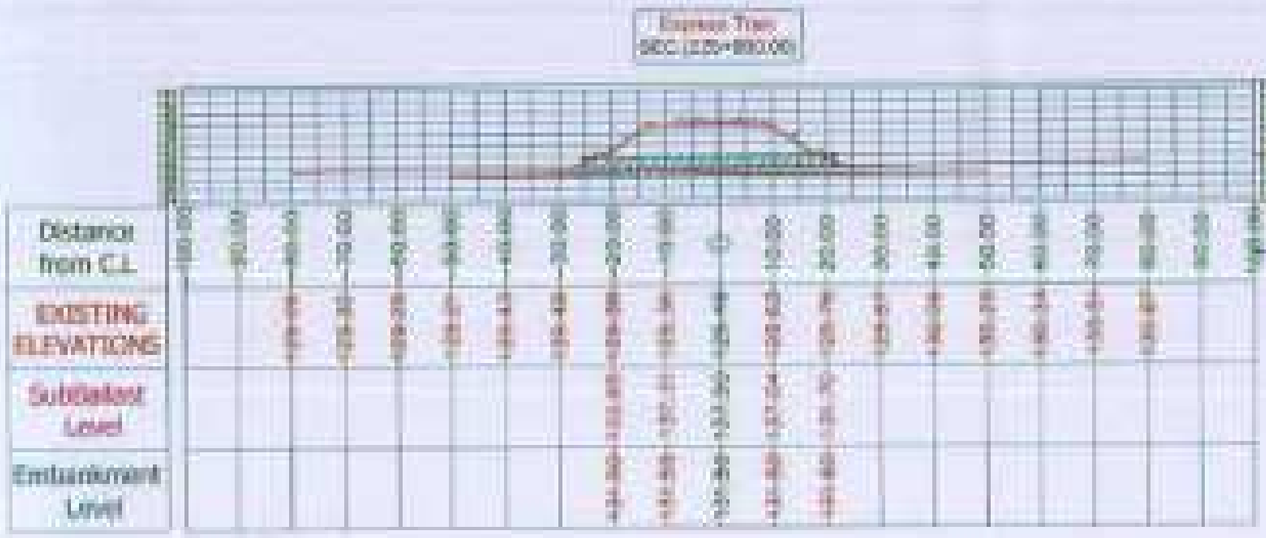
Total Volume at Station 225+820.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |



Total Volume at Station 225+840.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |




Total Volume at Station 225+880.00

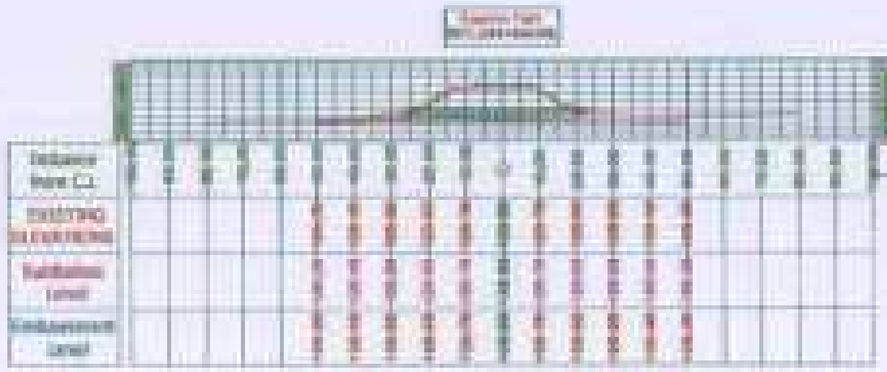
| MATRIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 93.55 | 1733.49 | 24873.70 |

Total Volume at Station 225+880.00

| MATRIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 90.36 | 1636.06 | 26509.76 |

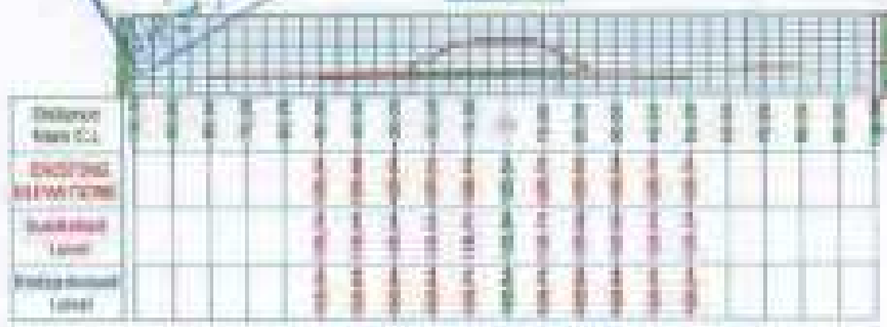
Total Volume at Station 225+900.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |




Total Volume at Station 225+920.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

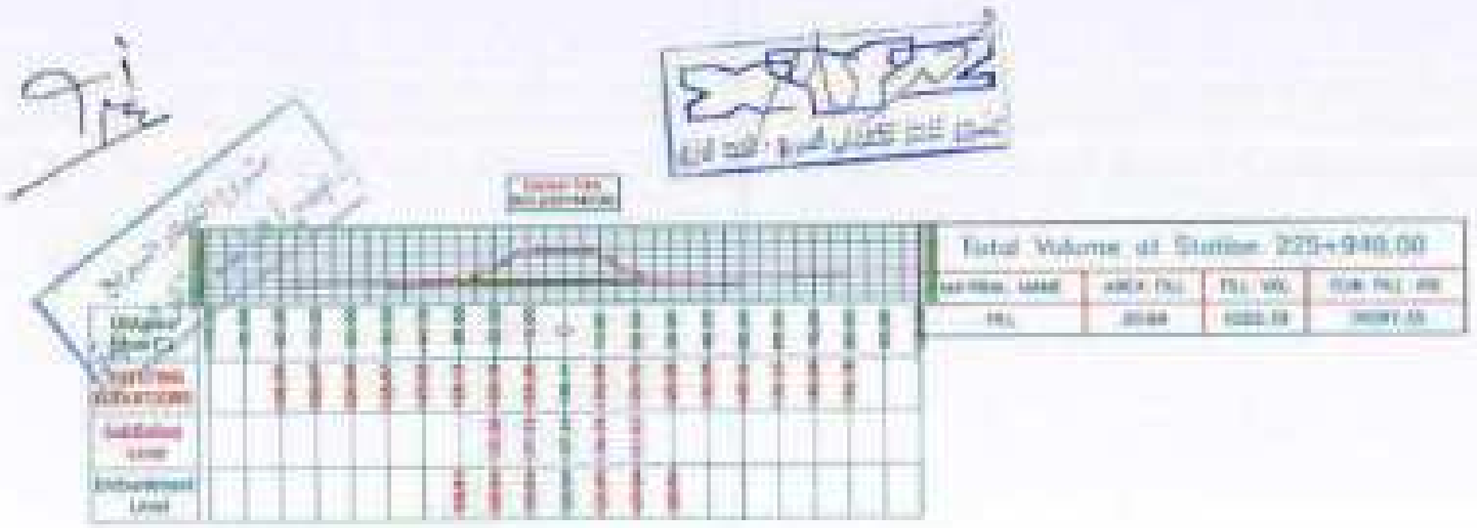


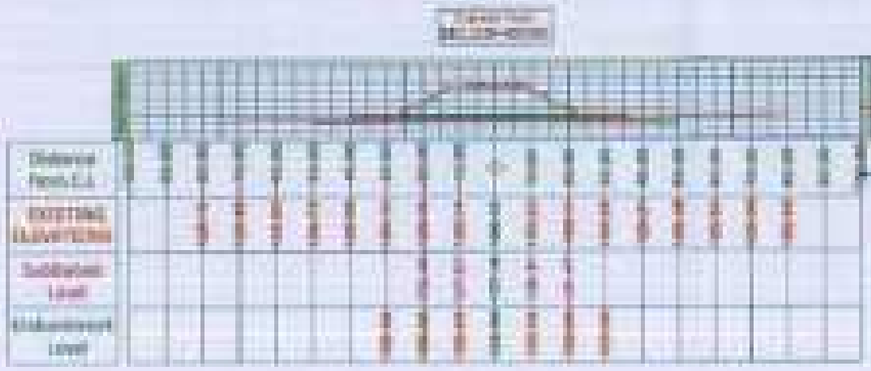

Total Volume at Station 225+940.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 225+900.00
MATERIAL NAME
AREA FILL
FILL VOL.
CUM. FILL VOL.
FILL
Existing Road C.L.
EXISTING ELEVATIONS
Subgrade Level
Embankment Level

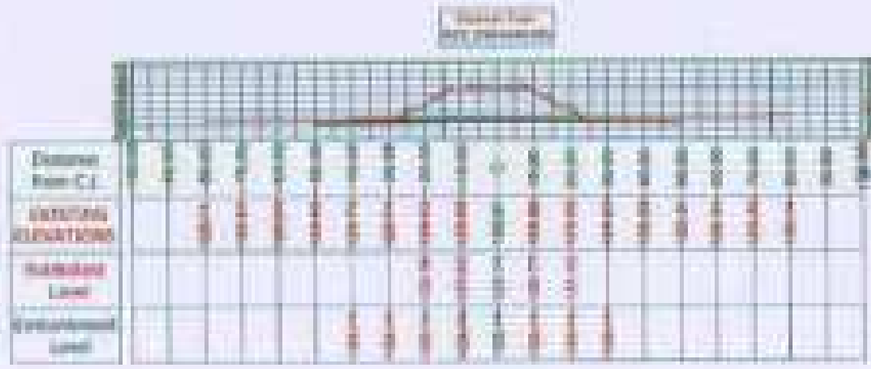
Total Volume at Station 225+920.00
MATERIAL NAME
AREA FILL
FILL VOL.
CUM. FILL VOL.
FILL
Existing Road C.L.
EXISTING ELEVATIONS
Subgrade Level
Embankment Level


Total Volume at Station 225+940.00
MATERIAL NAME
AREA FILL
FILL VOL.
CUM. FILL VOL.
FILL
Existing Road C.L.
EXISTING ELEVATIONS
Subgrade Level
Embankment Level



Total Volume at Station 228+020.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

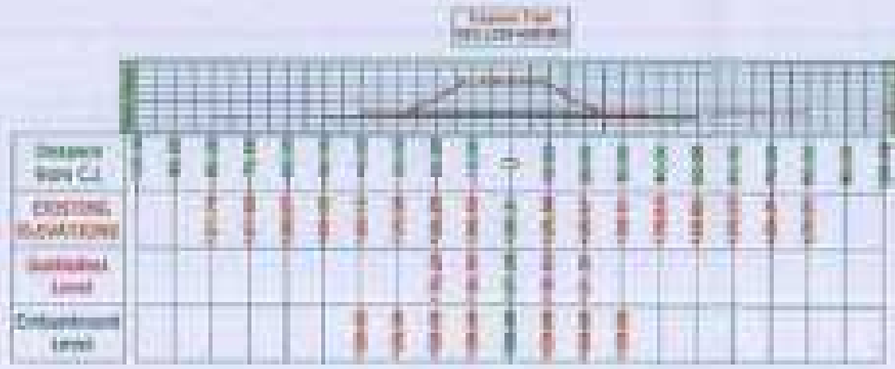


Total Volume at Station 228+040.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 228+060.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |




Total Volume at Station 226+080.00

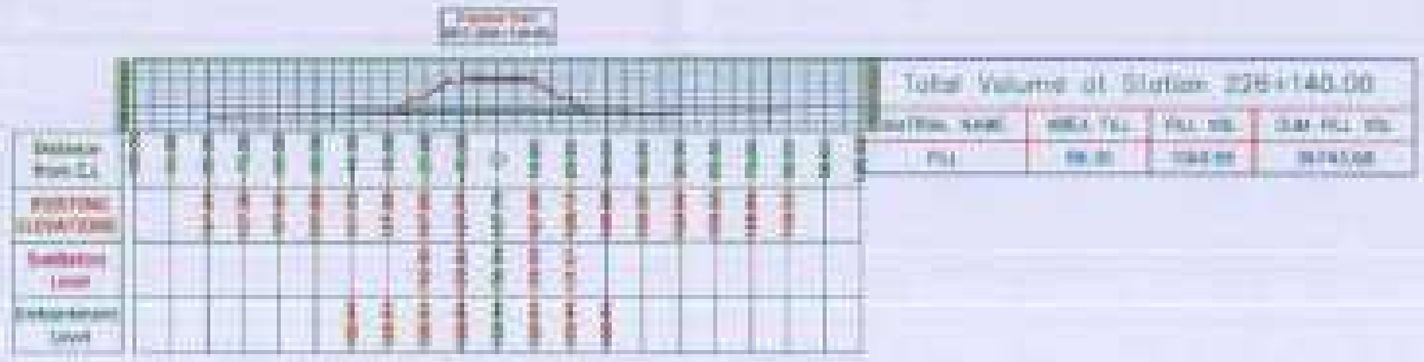
| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

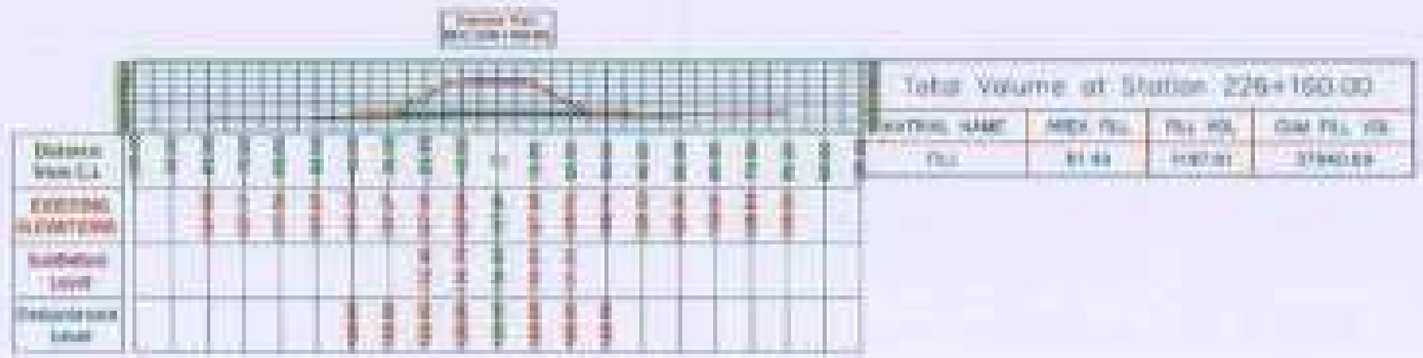
Total Volume at Station 226+100.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

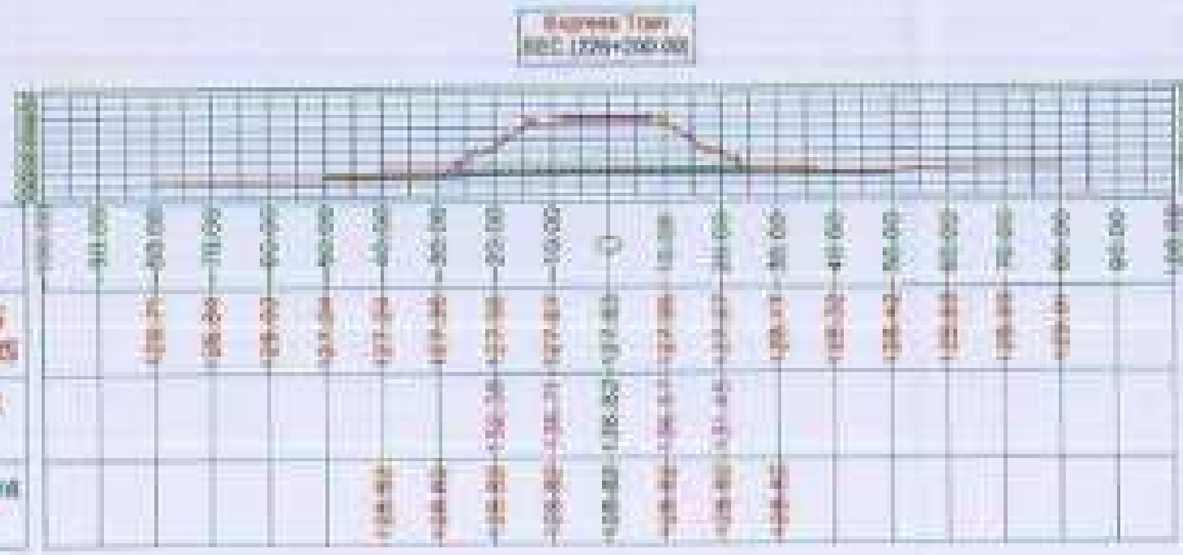
Total Volume at Station 226+120.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |


Total Volume at Station 226+140.00
MATERIAL NAME
AREA FILL
FILL VOL.
CUM. FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subbase Level
Embankment Level


Total Volume at Station 226+160.00
MATERIAL NAME
AREA FILL
FILL VOL.
CUM. FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subbase Level
Embankment Level

Total Volume at Station 226+180.00
MATERIAL NAME
AREA FILL
FILL VOL.
CUM. FILL VOL.
FILL
Distance from C.L.
EXISTING ELEVATIONS
Subbase Level
Embankment Level




Total Volume at Station 226+200.00

| MATRIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 55.63 | 1218.44 | 40453.31 |

Total Volume at Station 226+220.00

| MATRIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | 0.00 | 556.27 | 40991.58 |

Total Volume at Station 226+260.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 226+280.00

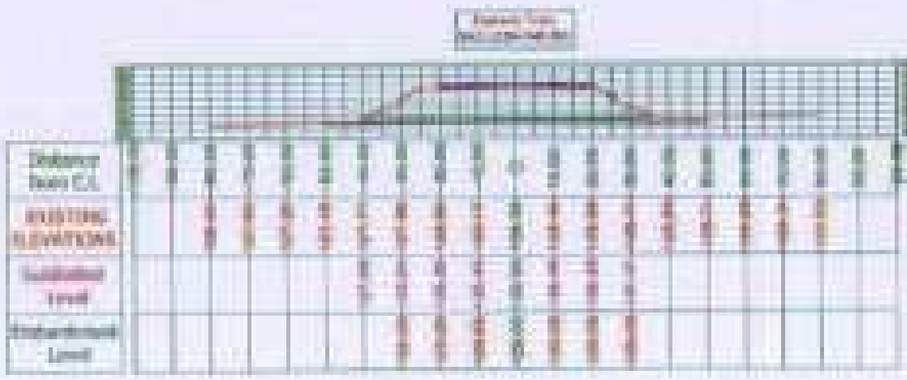
| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 226+300.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 226+320.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | 67.10 | 1944.07 | 47119.82 |




Total Volume at Station 226+340.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | 96.45 | 1630.49 | 48604.30 |

Total Volume at Station 226+360.00

| MATERIAL NAME | AREA FILL | FILL VOL | SUM FILL VOL |
|---|---|---|---|
| FILL | 94.87 | 1710.70 | 49605.01 |

Total Volume at Station 226+380.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 226+400.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 226+420.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 236+440.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 236+460.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 236+480.00

| MATERIAL NAME | AREA FILL | FILL VOL | CUM FILL VOL |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 226+500.00

| MATERIAL NAME | AREA FILL | FILL VOL. | CUM FILL VOL. |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 226+520.00

| MATERIAL NAME | AREA FILL | FILL VOL. | CUM FILL VOL. |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 226+540.00

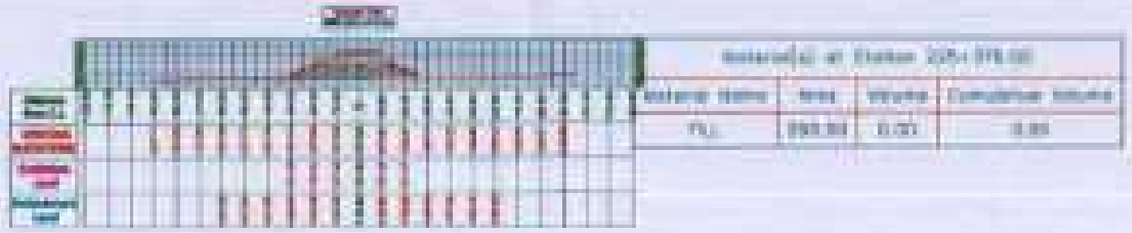
| MATERIAL NAME | AREA FILL | FILL VOL. | CUM FILL VOL. |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

Total Volume at Station 226+560.00

| MATERIAL NAME | AREA FILL | FILL VOL. | CUM FILL VOL. |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

| | | | | | | |
|---|---|---|---|---|---|---|
| 221+475 | 209.5 | 0.00 | 0.00 | | 0.00 | |
| 221+480 | 202.85 | 951.49 | 951.49 | | 951.49 | |
| 221+485 | 2.29 | 2061.86 | 2061.37 | | 2062.86 | |
| 221+470 | 9.95 | 117.84 | 3130.41 | | 117.84 | |
| 221+475 | 1.05 | 213.73 | 3344.24 | | 113.73 | |
| 221+480 | 24.81 | 768.83 | 4112.54 | | 768.83 | |
| 221+485 | 63.83 | 1446.12 | 5479.27 | | 1446.13 | |
| 221+500 | 31.8 | 1215.37 | 6573.34 | | 1215.37 | |
| 221+510 | 3.09 | 446.86 | 7020.20 | | 446.86 | |
| 221+515 | 40.59 | 595.82 | 7616.12 | | 595.82 | |
| 221+520 | 89.67 | 1396.65 | 8927.76 | | 1396.65 | |
| 221+525 | 95.82 | 1894.89 | 10822.64 | | 1894.89 | |
| 221+530 | 98.59 | 1967.47 | 12810.11 | | 1967.47 | |
| 221+535 | 77 | 1723.39 | 14509.40 | | 1723.39 | |
| 221+540 | 49.42 | 1266.13 | 15815.53 | | 1266.13 | |
| 221+545 | 17 | 966.15 | 16802.67 | | 966.15 | |
| 221+550 | 9 | 669.87 | 16471.54 | | 669.87 | |
| 221+555 | 0 | 0.00 | 16471.54 | | 0.00 | |
| 221+560 | 0 | 0.00 | 16471.54 | | 0.00 | |
| 221+565 | 46.76 | 447.37 | 17119.21 | | 447.37 | 1.00/444.00 |
| 221+570 | 85.39 | 1345.53 | 18665.13 | | 1345.53 | |
| 221+575 | 94.5 | 1741.31 | 20208.49 | | 1741.31 | |
| 221+580 | 79.34 | 1577.45 | 21785.49 | | 1577.45 | |
| 221+585 | 63.46 | 1367.00 | 23152.85 | | 1367.00 | |
| 221+590 | 75.18 | 1386.40 | 24539.25 | | 1386.40 | |
| 221+595 | 86.17 | 1620.50 | 26177.78 | | 1620.50 | |
| 221+600 | 86.12 | 1741.81 | 27919.60 | | 1741.81 | |
| 221+605 | 95.36 | 1765.78 | 29685.38 | | 1765.78 | |
| 221+610 | 72.45 | 1627.07 | 31316.45 | | 1627.07 | |
| 221+615 | 45.78 | 907.35 | 32223.78 | | 907.35 | |
| 221+620 | 27.15 | 454.25 | 32677.93 | | 454.25 | |
| 221+625 | 36.78 | 639.34 | 33317.10 | | 639.34 | |
| 221+630 | 36.77 | 735.62 | 34052.95 | | 735.62 | |
| 221+635 | 40.36 | 811.35 | 34866.13 | | 811.35 | |
| 221+640 | 63.05 | 1032.84 | 35922.84 | | 1032.84 | |
| 221+645 | 70.36 | 1313.99 | 37235.83 | | 1313.99 | |
| 221+650 | 85.45 | 1707.04 | 38942.87 | | 1707.04 | |
| 221+655 | 83.35 | 1689.98 | 40632.85 | | 1689.98 | |
| 221+660 | 86.34 | 1717.84 | 42350.69 | | 1717.84 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 216+140 | 121.32 | 2389.44 | 42216.32 | | 3168.14 | |
| 216+160 | 120.84 | 2561.32 | 44786.05 | | 2591.13 | |
| 216+180 | 121.62 | 2425.42 | 47211.02 | | 3025.42 | |
| 216+200 | 122.3 | 2595.19 | 51775.45 | | 2999.19 | |
| 216+220 | 0.00 | 1931.86 | 53802.31 | | 1931.86 | |
| 216+240 | 0.00 | 0.00 | 53802.31 | | 0.00 | |
| 216+260 | 86.85 | 871.70 | 54670.86 | | 871.70 | |
| 216+280 | 121.32 | 2083.61 | 57792.47 | | 2083.61 | |
| 216+300 | 122.14 | 2080.44 | 60868.18 | | 2080.44 | |
| 216+320 | 140.86 | 2170.38 | 64039.35 | | 2170.38 | |
| 216+340 | 150.58 | 2571.57 | 67380.60 | | 2571.57 | |
| 216+360 | 186.95 | 3751.79 | 68053.39 | | 3751.79 | |
| 216+380 | 218.22 | 4451.43 | 73461.71 | | 4451.43 | |
| 216+400 | 305.5 | 5197.12 | 78640.41 | | 5197.12 | |
| 216+420 | 251.84 | 5168.45 | 83809.26 | | 5168.45 | |
| 216+440 | 279.98 | 5232.21 | 89122.47 | | 5232.21 | |
| 216+460 | 289.11 | 5652.28 | 94188.75 | | 5652.28 | |
| 216+480 | 272.08 | 5562.15 | 100191.90 | | 5562.15 | |
| 216+500 | 296.83 | 5589.12 | 105691.02 | | 5589.12 | |
| 216+520 | 278.61 | 5448.35 | 111194.57 | 196 | 5448.35 | 100984.49 |
| 216+540 | 0 | 2390.07 | 113923.64 | | 2390.07 | |
| 216+560 | 0 | 0.00 | 113923.64 | | 0.00 | |
| 216+580 | 0 | 0.00 | 113923.64 | | 0.00 | |
| 216+600 | 0 | 0.00 | 113923.64 | | 0.00 | |
| 216+620 | 143.11 | 3011.35 | 117334.89 | | 3011.35 | |
| 216+640 | 147.48 | 3088.09 | 120422.98 | | 3088.09 | |
| 216+660 | 226.38 | 3730.45 | 123911.44 | | 3730.45 | |
| 216+680 | 226.77 | 4503.86 | 127415.13 | | 4503.86 | |
| 216+700 | 213.45 | 4404.35 | 130819.32 | | 4404.35 | |
| 216+720 | 194.99 | 3986.32 | 134046.04 | | 3986.32 | |
| 216+740 | 154.14 | 3381.31 | 136347.37 | | 3381.31 | |
| 216+760 | 193.03 | 3861.87 | 140109.08 | | 3861.87 | |
| 216+780 | 208.96 | 4019.89 | 144028.95 | | 4019.89 | |
| 216+800 | 188.79 | 3977.04 | 148005.97 | | 3977.04 | |
| 216+820 | 178.7 | 3684.44 | 151595.41 | | 3684.44 | |
| 216+840 | 164.89 | 3441.32 | 154832.13 | | 3441.32 | |
| 216+860 | 123.18 | 3085.73 | 158116.06 | | 3085.73 | |
| 216+880 | 71.56 | 2391.48 | 160984.49 | | 2391.48 | |
| اجمالي كميات أوزان الحديد سابقة | | | | | | 58,160.84 |
| اجمالي كميات أوزان الحديد الحالية بعد خصم نسبة خردة الحديد | | | | | | 100,984.49 |
| كمية خصم نسبة خردة الحديد | | | | | | 1,717.35 |
| كمية الحديد في 2019-3-22 | | | | | | 112,559.68 |

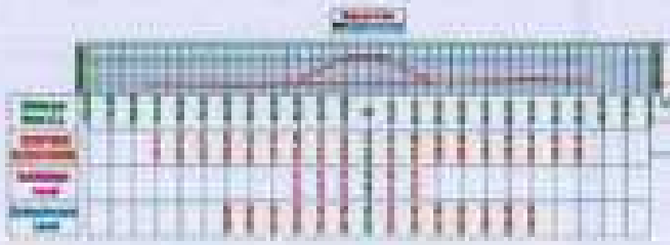


| Material(s) at Station 320+ [illegible] | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| [illegible] | [illegible] | [illegible] | [illegible] |

| Material(s) at Station 320+ [illegible] | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| [illegible] | [illegible] | [illegible] | [illegible] |

| Material(s) at Station 320+ [illegible] | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| [illegible] | [illegible] | [illegible] | [illegible] |

| Material(s) at Station 320+ [illegible] | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| [illegible] | [illegible] | [illegible] | [illegible] |



Material(s) at Station 225+440.00

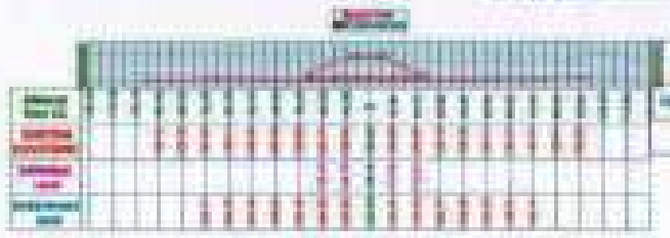
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 1.08 | 113.73 | 1284.30 |

Material(s) at Station 225+460.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 74.82 | 760.30 | 10333.05 |

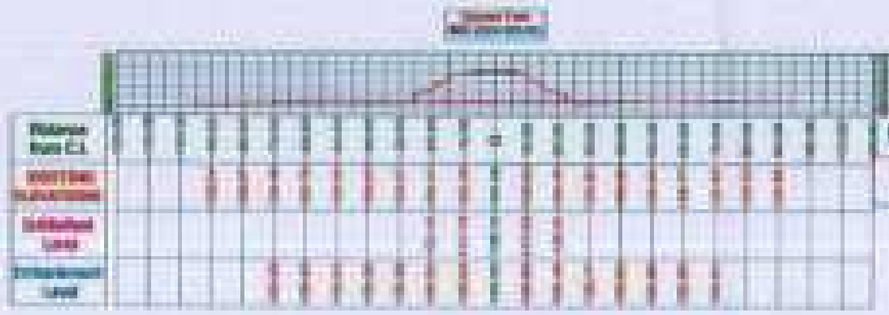
Material(s) at Station 225+480.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 64.60 | 1446.52 | 5479.07 |



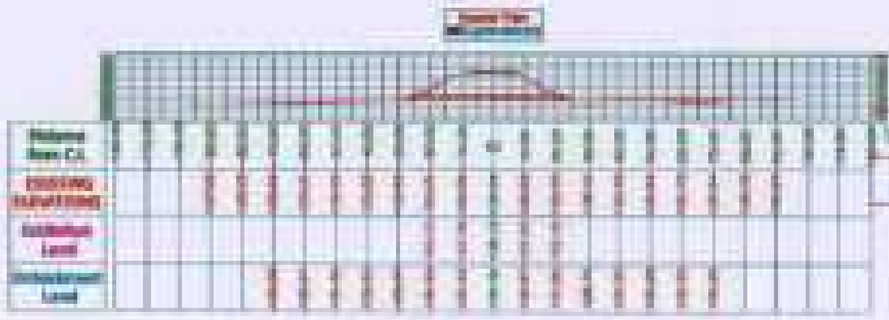
Material(s) at Station 225+500.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 29.60 | 1094.77 | 6517.30 |



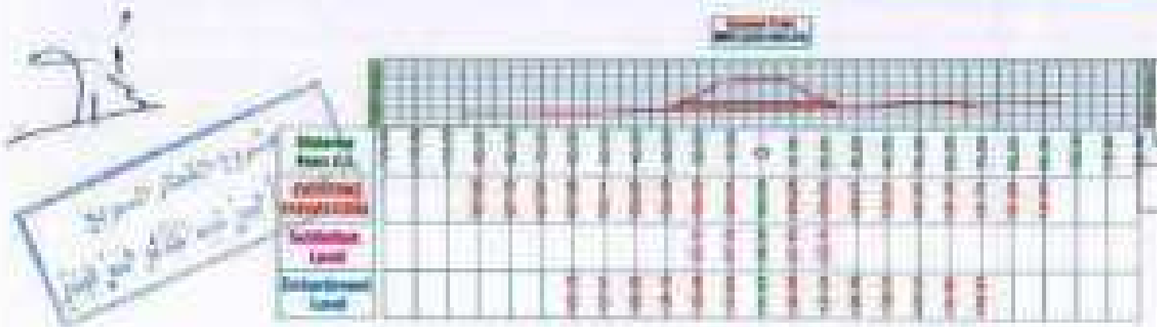
Material(s) at Station 225+520.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 3.09 | 438.96 | 7000.30 |



Material(s) at Station 225+540.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 49.89 | 3,35.82 | 7531.13 |



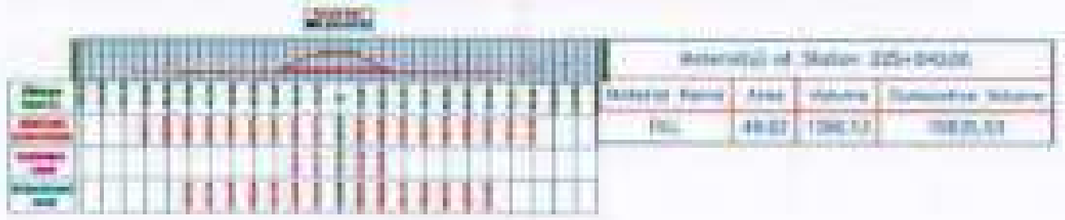
Material(s) at Station 225+560.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 89.67 | 1306.63 | 8827.76 |

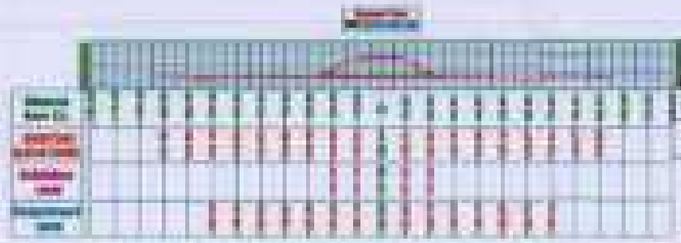
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

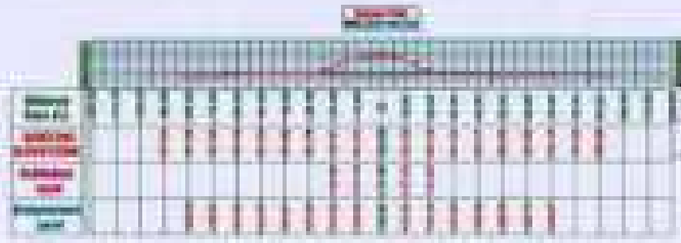


| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |



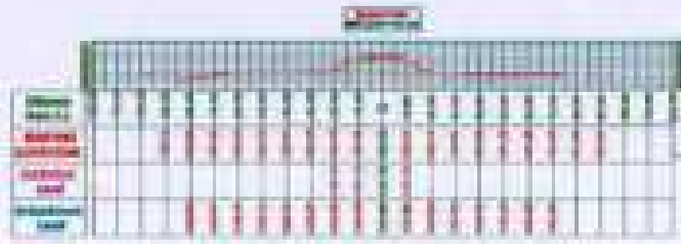
Material(s) at Station 235+600.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 11.00 | 466.14 | 19671.64 |



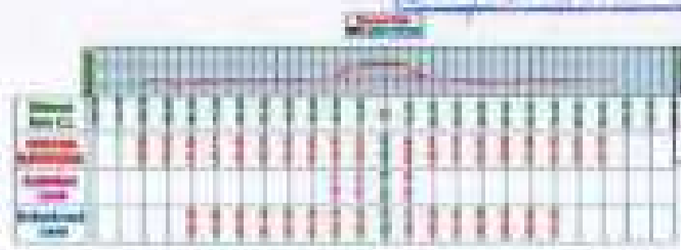
Material(s) at Station 235+666.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 0.00 | 166.67 | 19671.64 |



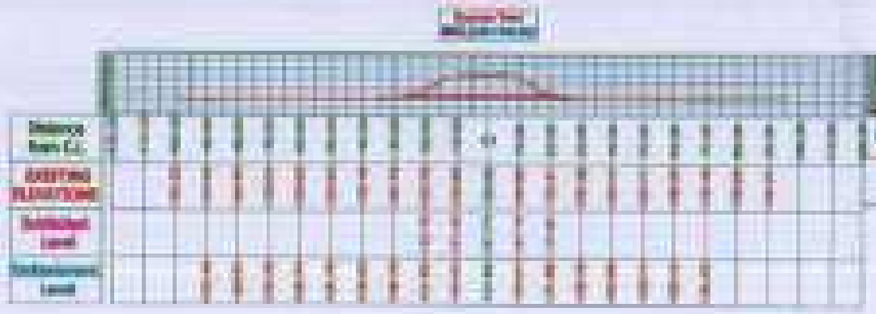
Material(s) at Station 235+766.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 0.00 | 0.00 | 19671.64 |

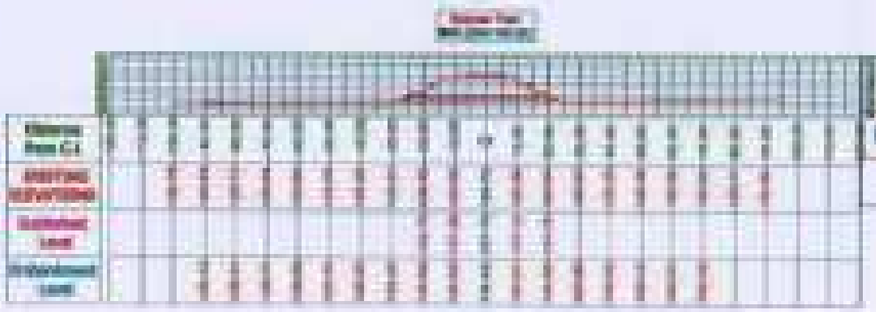


Material(s) at Station 235+766.00

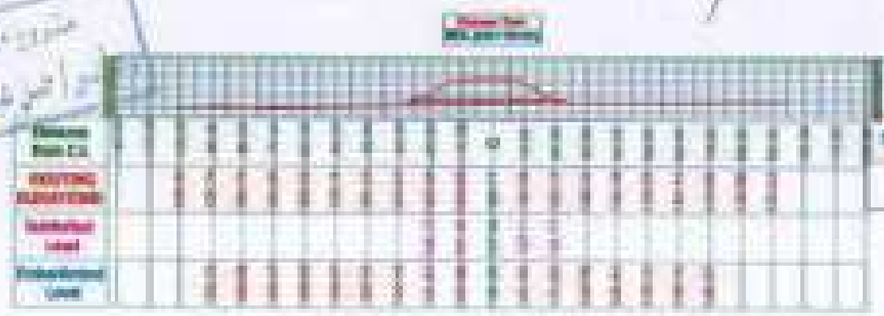
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 0.00 | 0.00 | 19671.64 |



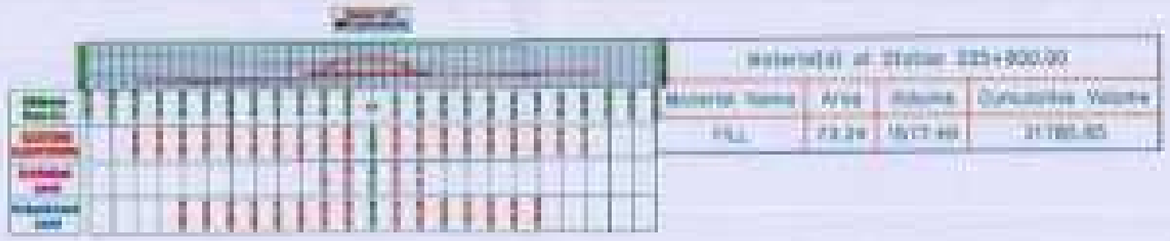
| Material(s) at Station 225+740.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 44.70 | 447.57 | 17119.21 |



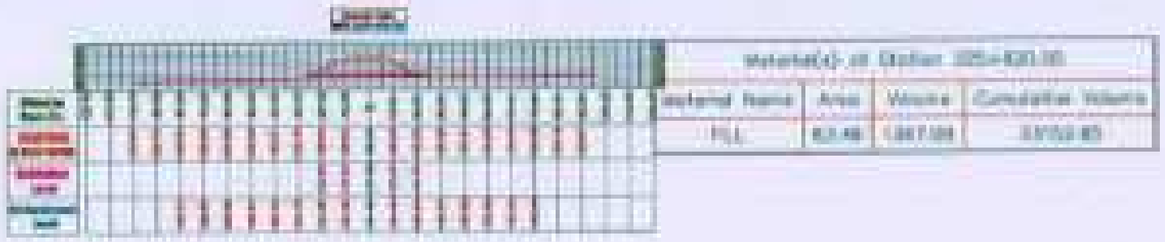
| Material(s) at Station 225+760.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 89.84 | 1345.93 | 18465.14 |



| Material(s) at Station 225+780.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 84.50 | 1743.31 | 20208.45 |



| Material(s) at Station 335+800.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 73.24 | 1577.48 | 31180.85 |



| Material(s) at Station 335+820.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 83.48 | 1567.08 | 33752.85 |

| Material(s) at Station 335+840.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 75.78 | 1596.40 | 35349.25 |

| Material(s) at Station 335+860.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 66.47 | 1426.50 | 36777.75 |

Material(s) at Station: 020+880.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 86.12 | 1747.85 | 27825.02 |

Material(s) at Station: 020+900.00

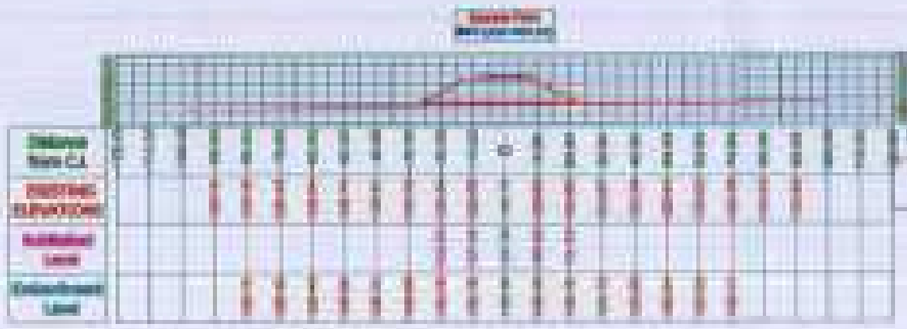
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 80.95 | 1763.28 | 29589.30 |

Material(s) at Station: 020+920.00

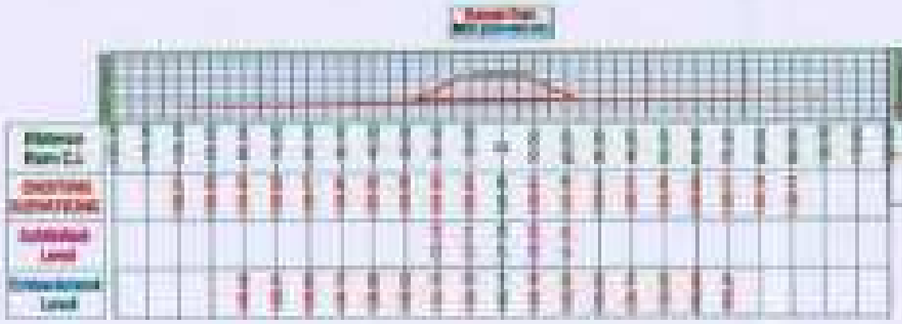
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 72.45 | 1527.07 | 31316.40 |

Material(s) at Station: 020+940.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 16.28 | 887.29 | 32203.69 |

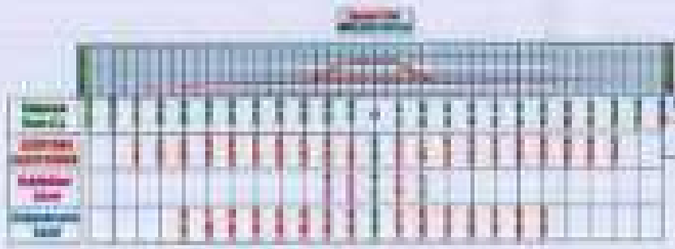


| Material(s) at Station 225+950.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 27.35 | 454.25 | 32877.98 |



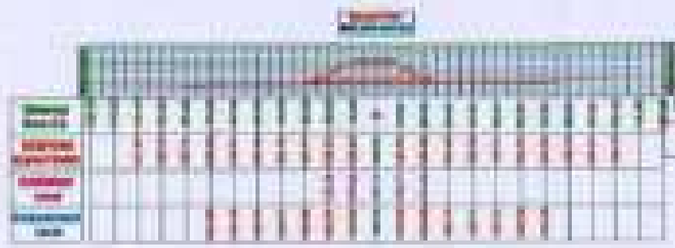
| Material(s) at Station 225+960.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 36.79 | 639.34 | 33317.32 |

| Material(s) at Station 229+000.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 36.77 | 735.62 | 34052.93 |



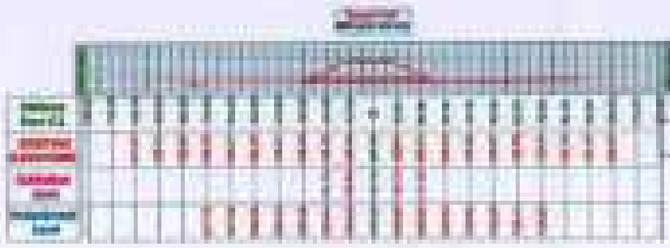
Material(s) at Station: 239+020.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 44.55 | 891.00 | -34996.14 |



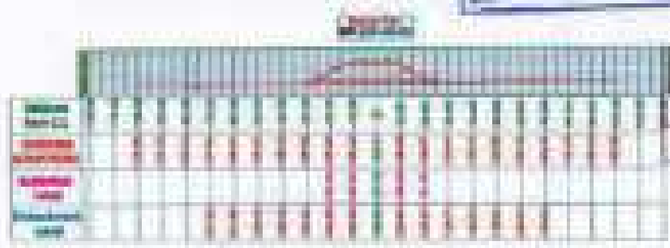
Material(s) at Station: 239+040.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 51.04 | 1020.88 | -33972.07 |



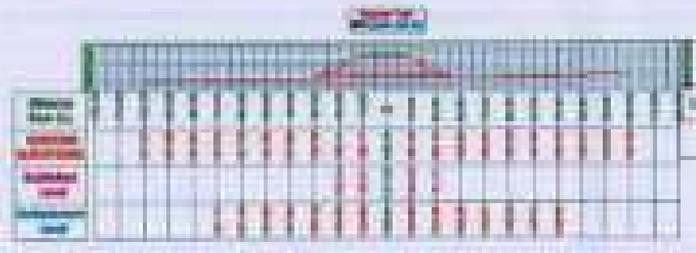
Material(s) at Station: 239+060.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 110.28 | 1410.96 | -32561.03 |



Material(s) at Station: 239+080.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 86.45 | 1731.04 | -30830.00 |



Material(s) at Station 226+159.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 90.00 | 1600.88 | 60302.04 |

Material(s) at Station 226+129.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 91.24 | 171.7.94 | 42569.96 |

Material(s) at Station 226+140.00

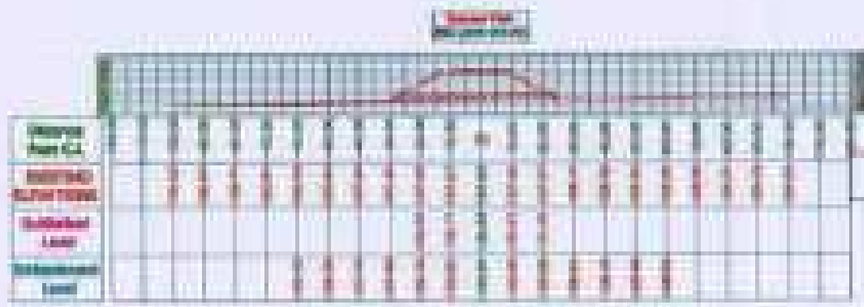
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 123.01 | 2164.54 | 44238.51 |

Material(s) at Station 226+165.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 126.44 | 2551.52 | 46796.04 |

Material(s) at Station 225+180.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 132.82 | 3625.61 | 49411.64 |

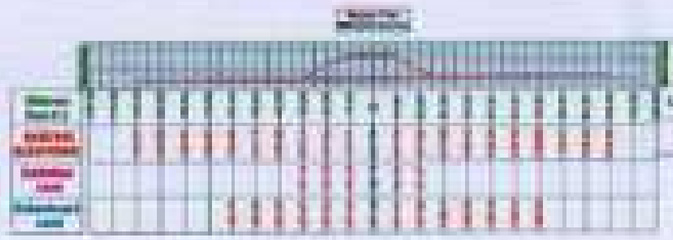


Material(s) at Station 225+200.00

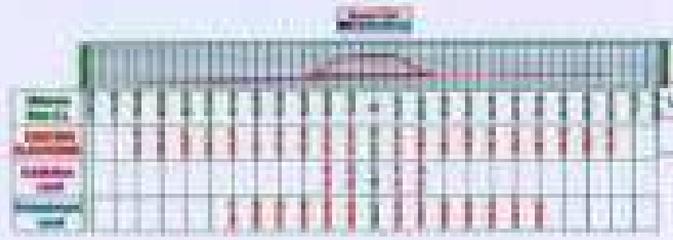
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 103.30 | 3358.10 | 51770.83 |

Material(s) at Station 225+220.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 0.01 | 1033.06 | 52803.90 |



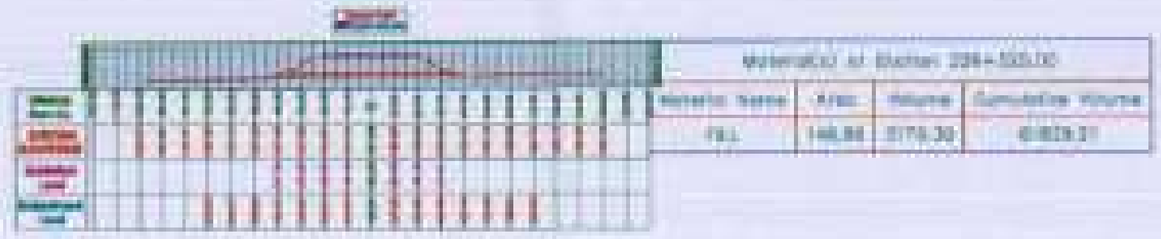
| Material(s) at Station: 206+240.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 0.32 | 3.23 | 50867.15 |



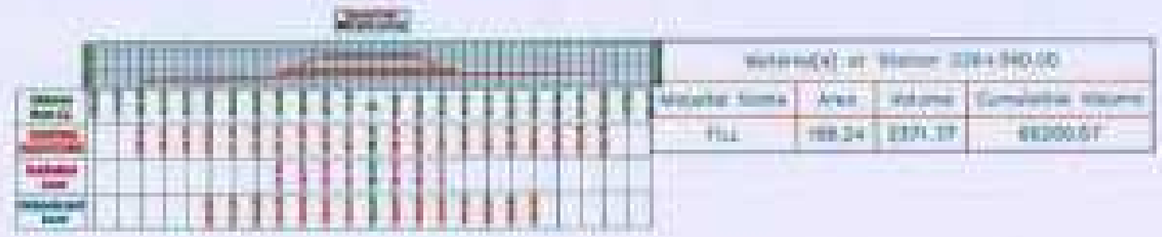
| Material(s) at Station: 206+280.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 86.85 | 875.70 | 52876.84 |

| Material(s) at Station: 206+320.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 121.31 | 2063.31 | 55792.45 |

| Material(s) at Station: 206+360.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 158.14 | 3996.45 | 59838.91 |

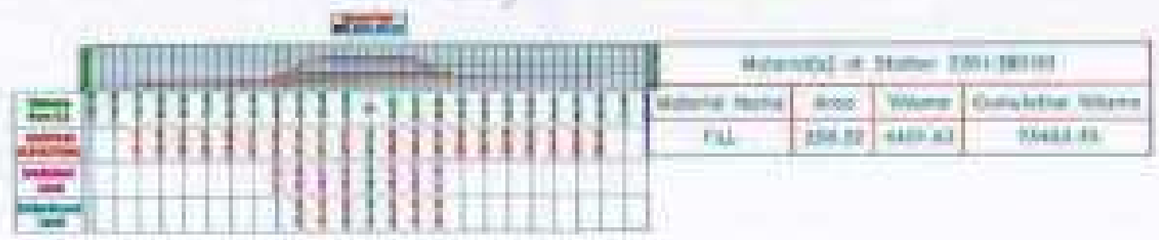


| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 146.84 | 2170.30 | 61829.37 |



| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 168.24 | 2371.37 | 66200.67 |

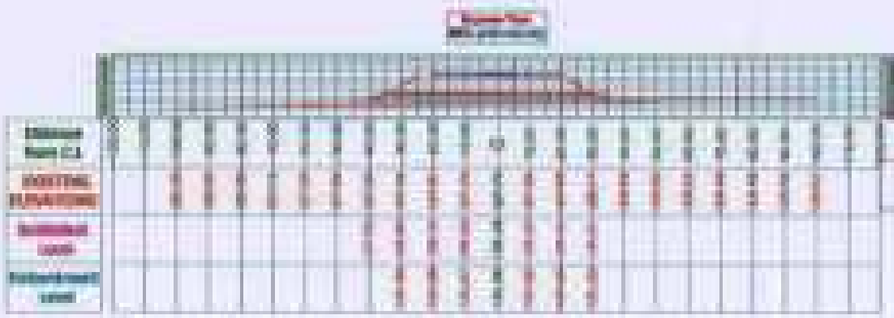
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 180.02 | 2751.70 | 69952.37 |



| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 206.02 | 4401.43 | 73464.43 |

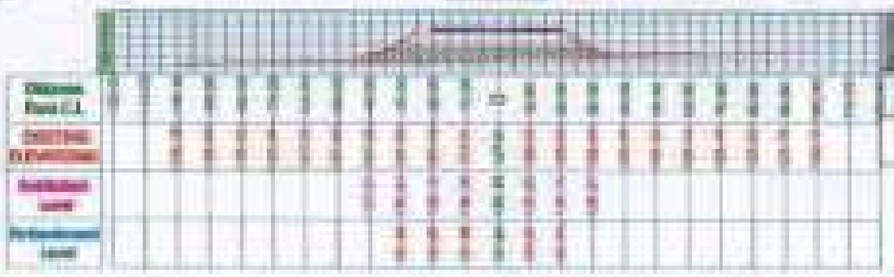
Material(s) at Station 228+400.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 265.50 | 5237.13 | 78640.82 |



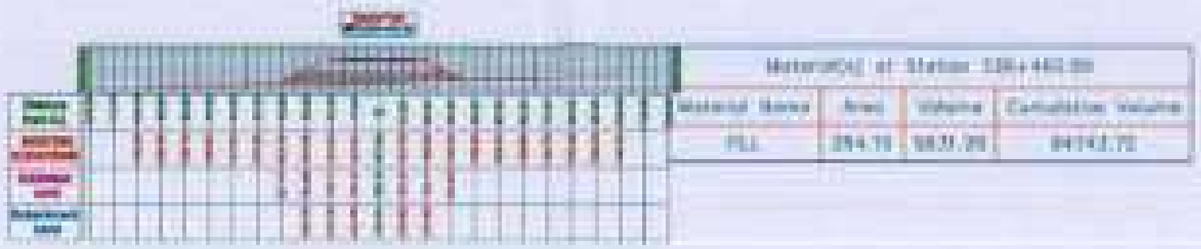
Material(s) at Station 228+420.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 251.24 | 5168.41 | 83809.24 |



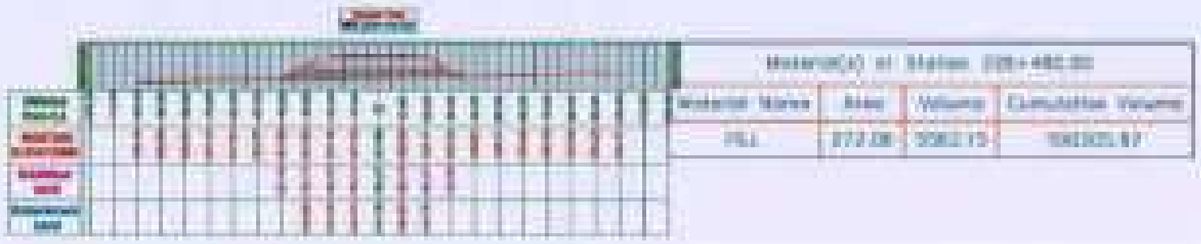
Material(s) at Station 228+440.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 278.98 | 5303.21 | 89112.45 |



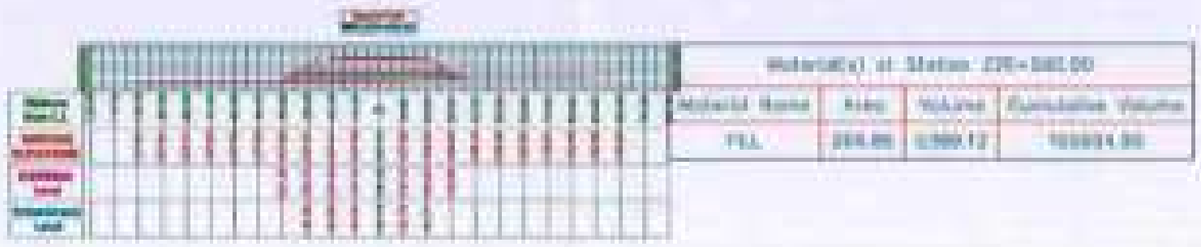
Material(s) at Station 328+465.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 284.19 | 5831.26 | 84143.72 |



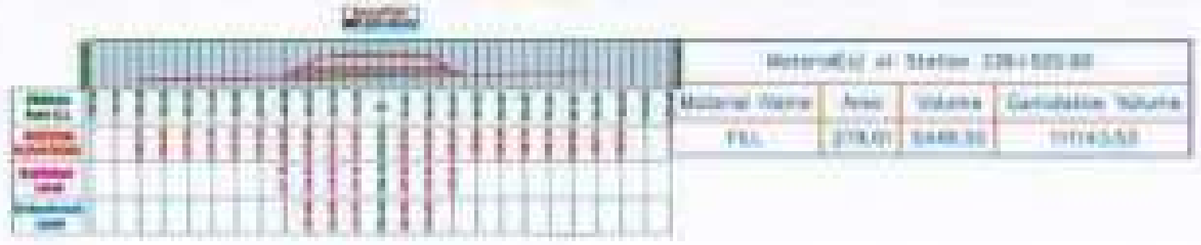
Material(s) at Station 328+480.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 272.08 | 5362.13 | 90505.87 |



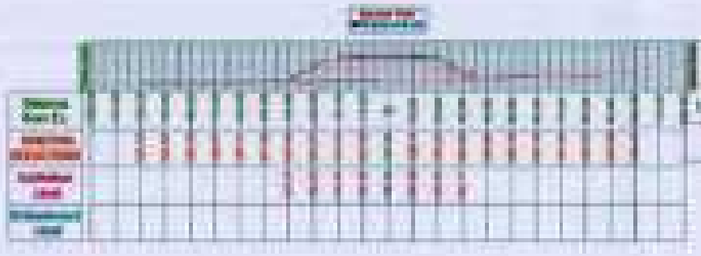
Material(s) at Station 328+495.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 259.86 | 5399.12 | 95904.99 |

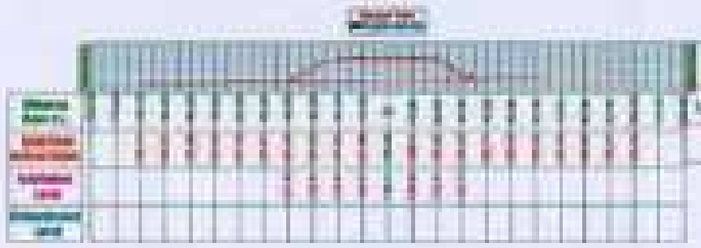


Material(s) at Station 328+510.00

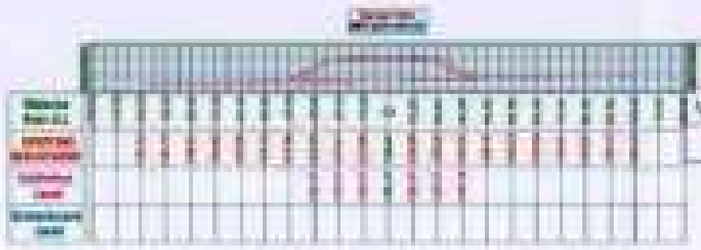
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 278.01 | 5408.30 | 101313.53 |



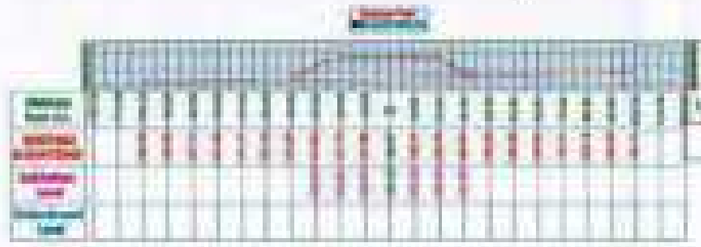
| Material(s) at Station 228+540.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 0.00 | 2784.01 | 11993.53 |



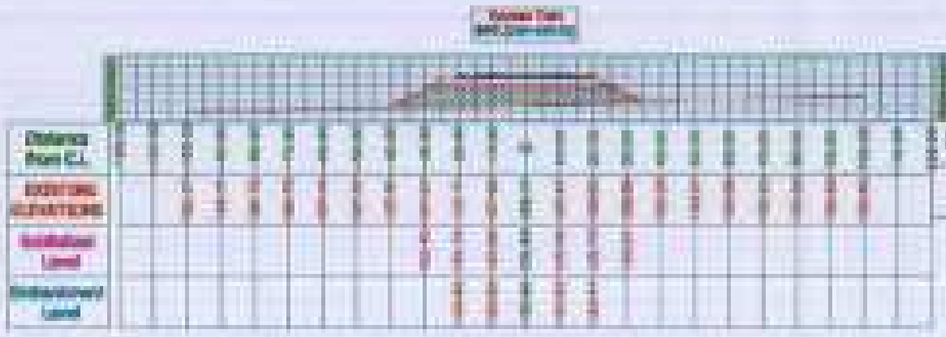
| Material(s) at Station 229+580.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 0.00 | 0.00 | 11993.53 |



| Material(s) at Station 229+580.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 0.00 | 0.00 | 11993.53 |

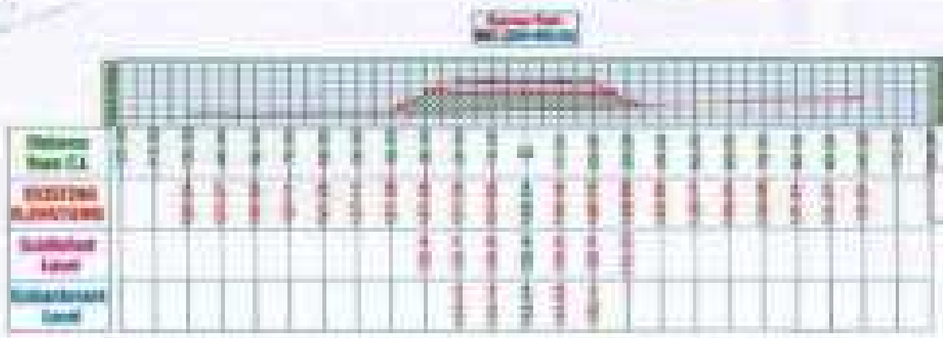


| Material(s) at Station 229+600.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 0.00 | 0.00 | 11993.53 |

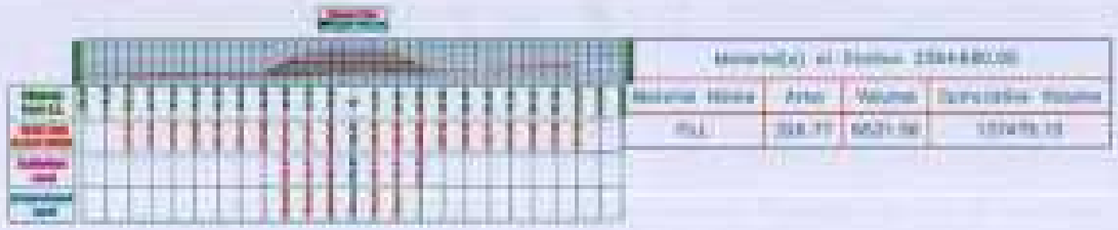


| Material(s) at Station 320+630.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 341.13 | 3411.35 | 117334.85 |

| Material(s) at Station 320+640.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 347.68 | 6888.09 | 124222.94 |

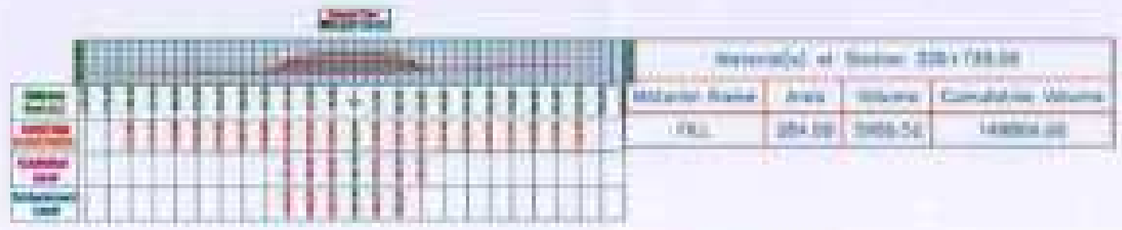


| Material(s) at Station 320+660.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 325.38 | 6730.65 | 130953.59 |



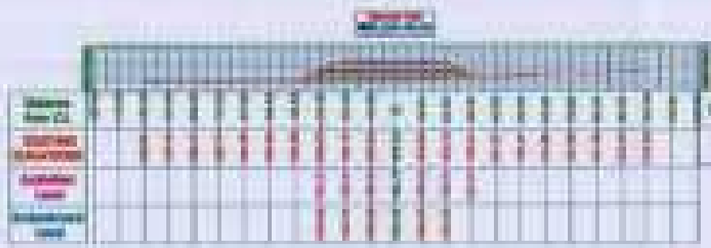
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |



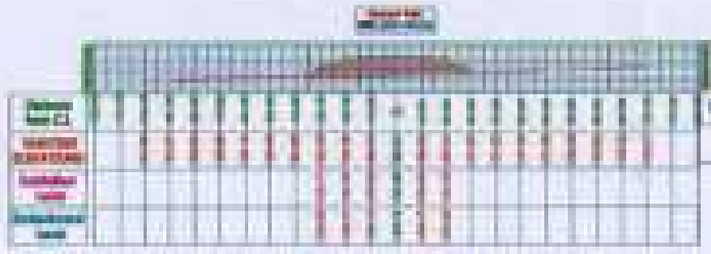
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | [illegible] | [illegible] | [illegible] |



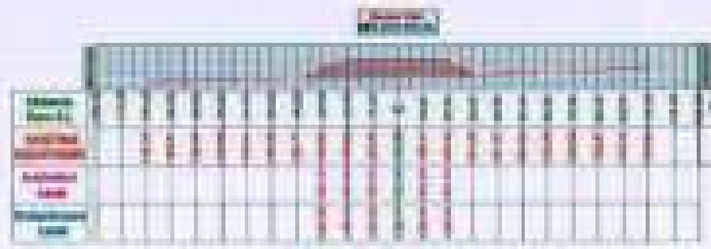
Material(s) at Station 2384+760.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 233.03 | 4861.67 | 160108.00 |



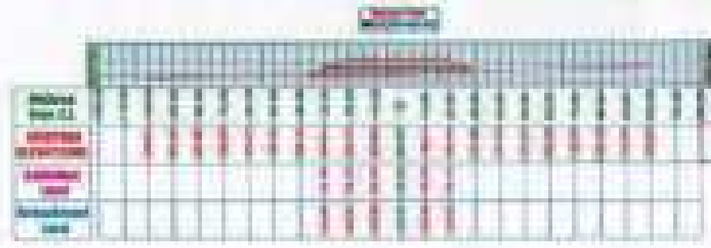
Material(s) at Station 2384+780.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 206.86 | 4418.89 | 164526.89 |



Material(s) at Station 2384+800.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 188.14 | 3877.04 | 168003.93 |



Material(s) at Station 2384+820.00

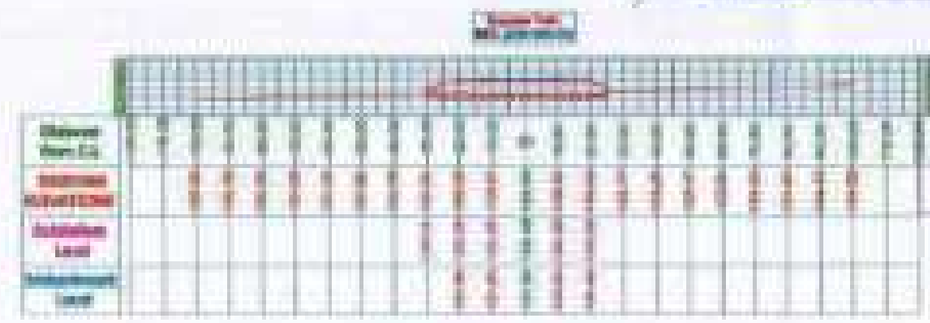
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 170.70 | 3584.44 | 171591.37 |

Material(s) at Station 228+840.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 164.49 | 3447.92 | 175632.29 |

Material(s) at Station 228+860.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 123.58 | 2580.73 | 178513.02 |



Material(s) at Station 228+880.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 71.56 | 1951.43 | 180464.45 |

مكتب أ.د/حسن مهدي
للاستشارات الهندسية

| بيان مجمع لكميات الردم | |
|---|---|
| الاعمال المنفذة في شهر مارس 2022 | 1540 |
| الاعمال المنفذة في شهر ابريل 2023 | 10986.16 |
| الاعمال المنفذة في شهر مايو 2023 | 7,875.98 |
| الاعمال المنفذة في شهر يونيو 2023 | 16368.66 |
| الاعمال المنفذة في شهريوليو 2023 | 11,040.57 |
| الاعمال المنفذة في شهر اغسطس 2023 | 10,349.47 |
| الاعمال المنفذة في شهر سبتمبر الى 22-3-2024 | 122,303.65 |
| الاعمال المنفذة من 22-3-2024 الى 29-7-2024 | 39,815.90 |
| اجمالى الاعمال | 220,280.39 |

عن الاستشاري أ.د حسن مهدي

مكتب فني
د/ أحمد عزب
التوقيع /

عن الشركة المنفذة

مكتب أدامحسن مهدي
للإستشارات الهندسية

| بيان مجمع لكميات الصخر | |
|---|---|
| كمية الصخر قبل يناير 2023 | 21974.81 |
| كمية الصخر قبل يناير 2023 | 6424.47 |
| كمية الصخر من 4-5-2023 الى 22-3-2024 | 22,302.32 |
| حصر الصخر من 22-3-2024 الى 29-7-2024 | 1,338.88 |
| اجمالي الاعمال | 52,040.48 |

من الاستشاري أ. حسن مهدي

من الشركة المنفذة

مكتب أدلبسن مهدي
للاستشارات الهندسية

شركة الفرسان

من النقطة 226+850 الى 227+850 جدول توزيع الاجهادات قبل 4-5

| المحطة | الاجهاد (كجم/سم2) | الاجهاد (كجم/سم2) | الكمية (m3) | الكمية من (m3) 200-300 | الكمية من (m3) 300-400 | الكمية من 400-500 (m3) | الكمية من (m3) 500-600 | الكمية من 600-700 (m3) | الكمية من 700-800 (m3) |
|---|---|---|---|---|---|---|---|---|---|
| 227+808.34 | 650 | 500-600 | 0 | | | | | | |
| 227+820.00 | 600 | 600-700 | 4,565.34 | | | | | | |
| 227+840.00 | 640 | 600-700 | 8,415.51 | | | | | | |
| 227+860.00 | 580 | 500-600 | 8,216.04 | | | | | | |
| 227+876.00 | 550 | 500-600 | 4,742.20 | | | | | | |
| 227+100.00 | 350 | 300-400 | 0 | | | | | | |
| 227+120.00 | 300 | 300-400 | 585.95 | | | | | | |
| 227+140.00 | 350 | 300-400 | 1,217.73 | | | | | | |
| 227+160.00 | 300 | 300-400 | 681.91 | 0 | 9436.47 | 0 | 10,978.90 | 10,997.52 | 0 |
| 227+180.00 | 340 | 300-400 | 50.15 | | | | | | |
| 227+200.00 | 300 | 300-400 | 41.34 | | | | | | |
| 227+220.00 | 370 | 300-400 | 232.29 | | | | | | |
| 227+240.00 | 300 | 300-400 | 681.96 | | | | | | |
| 227+260.00 | 350 | 300-400 | 689.07 | | | | | | |
| 227+280.00 | 370 | 300-400 | 738.81 | | | | | | |
| 227+300.00 | 300 | 300-400 | 1,555.67 | | | | | | |
| TOTAL CUT VOL | | | 28,199.35 | 0.00 | 9,436.47 | 0.00 | 10,978.90 | 10,997.52 | 0.00 |

من الاستشاري / أ. حسن مهدي

من الشركة المنفذة

مكتب أدهم حسن مهدي
للاستشارات الهندسية

شركة الفيصل

من المحطة 226+350 إلى 227+300 جدول توزيع الاجهادات بعد 22-5-2024

| المحطة | الاجهاد (كغم/سم2) | الاجهاد (كغم/سم2) | الكمية (م3) | الكمية من (م3) 200-300 | الكمية من (م3) 300-400 | الكمية من (م3) 400-500 | الكمية من (م3) 500-600 | الكمية من (م3) 600-700 | الكمية من (م3) 700-800 |
|---|---|---|---|---|---|---|---|---|---|
| 227+300 | 606.52 | 600-700 | 0.00 | 0 | | 0 | | 1,338.88 | 0 |
| 227+320 | 611.42 | 600-700 | | | | | | | |
| 227+360 | 609.16 | 600-700 | 406.12 | | | | | | |
| 227+380 | 621.83 | 600-700 | | | | | | | |
| 227+420 | 617.30 | 600-700 | 558.84 | | | | | | |
| 227+460 | 652.03 | 600-700 | | | | | | | |
| 227+476 | 657.49 | 600-700 | 338.84 | | | | | | |
| TOTAL CUT VOL | | | 1,338.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1,338.88 | 0.00 |
| كمية تزويد بعد 2024-3-22 إلى 2024-7-29 | | | | 0.00 | 0.00 | 0.00 | 0.00 | 1,338.88 | 0.00 |

مكتب أ.م
مهندس الجهة
م. معتصم حسين
الزعبي

عن الاستشاري / د. عدنان مهدي

مدير المشاريع
م. محمود قريب

مكتب الخبير
م. أحمد عزب
الخرابشة

مكتب أد/حسن مهدي
للاستشارات الهندسية

شركة الفرسان

من المحطة 326+950 الى 327+950 جدول توزيع الاجهادات بعد 4-5-2023 الى 22-5-2024

| المحطة | الاجهاد ( كجم/سم2) | الاجهاد ( كجم/سم2) | الكمية (م3) | الكمية من (3م) 200-300 | الكمية من (3م) 300-400 | الكمية من 400 (3م) 500 | الكمية من (3م) 500-600 | الكمية من 600 (3م) 700 | الكمية من 700 (3م) 800 |
|---|---|---|---|---|---|---|---|---|---|
| 327+308.34 | 560 | 500-600 | 0 | | | | | | |
| 327+320.00 | 621 | 600-700 | 4,560.66 | | | | | | |
| 327+340.00 | 540 | 500-600 | 6,361.33 | 0 | | 0 | 12,387.84 | 3,914.48 | 0 |
| 327+360.00 | 642 | 600-700 | 5,353.82 | | | | | | |
| 327+376.00 | 540 | 500-600 | 6,226.51 | | | | | | |
| TOTAL CUT VOL | | | 22,302.32 | 0.00 | 0.00 | 0.00 | 12,387.84 | 3,914.48 | 0.00 |
| كمية شهر مايو 2023 | | | 3,186.05 | 0.00 | 0.00 | 0.00 | 1,769.69 | 1,416.36 | 0.00 |
| كمية شهر يونيو 2023 | | | 3,186.05 | 0.00 | 0.00 | 0.00 | 1,769.69 | 1,416.36 | 0.00 |
| كمية شهر يوليو 2023 | | | 3,186.05 | 0.00 | 0.00 | 0.00 | 1,769.69 | 1,416.36 | 0.00 |
| كمية شهر اغسطس 2023 | | | 3,186.05 | 0.00 | 0.00 | 0.00 | 1,769.69 | 1,416.36 | 0.00 |
| كمية شهر سبتمبر 2023 | | | 3,186.05 | 0.00 | 0.00 | 0.00 | 1,769.69 | 1,416.36 | 0.00 |
| كمية حتى 22-5-2024 | | | 8,172.09 | 0.00 | 0.00 | 0.00 | 3,539.38 | 2,832.71 | 0.00 |

يعتمد ،،
مهندس الجهة
م/ محمود حسين
توقيع

من الاستشاري / حسن مهدي
مهندس مدني
م/ محمد حسين
توقيع

مكتب فني
م/ نهيد عزيز
توقيع

من الشركة المنفذة
Al-Faris

# بيان أعمال

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# بيان تفصيلي

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# هيكل تنظيمي للعاملين بمشروع القطار السريع
# شركة الفرسان لانشاء الطرق والمقاولات

اسم المشروع: مشروع القطار السريع (الكلوم-أم سنبل)
رقم العقد: (2024/2025/821)

| تسلسل | الاسم | رقم التليفون | رقم البطاقة | الوظيفة | عدد سنوات الخبرة | ملاحظات |
|---|---|---|---|---|---|---|
| 1 | شريف فريد جرجس | 1061990805 | 27909111202278 | مدير التنفيذ للطرق | 15 | |
| 2 | احمد هاني حسني | 1027560593 | 29605031101665 | مهندس تنفيذ طرق | 9 | |
| 3 | حسام مجدي عبد الحكيم | 1026565685 | 29604012506556 | مدير المكتب الفني | 5 | |
| 4 | عبد الرحمن سيد فتحي | 1554344346 | 29901161500215 | مدير ضبط الجودة | 5 | |
| 5 | عبد العزيز يحيى عبد العزيز | 1156024438 | 29702171801471 | مهندس صيانة | 5 | |
| 6 | حمدي السيد رضوان | 1030270591 | 29308070103158 | مهندس تخطيط وبرمجة (بنك) | 5 | |
| 7 | عادل مصطفى عبد اللطيف | 1022304030 | 29308270101038 | مراقب تنفيذ (فني مواد) | 5 | |
| 8 | مجدي نور مجدي | 1007985669 | 27604160102912 | مراقب تنفيذ (فني مواد) | 5 | |
| 9 | حسام مجدي عبد الحكيم | 1026565685 | 29604012506556 | حاسب كميات | 5 | |
| 10 | كمال عبد الله السعيد | 1281548734 | 27507121201533 | فني سلامة | 5 | |
| 11 | مجدي جابر عبد الغني | 1012886903 | 27512011202214 | فني سلامة | 5 | |
| 12 | اسلام عبد الفتاح البحيري | 1019970672 | 29404191501172 | مساح | 7 | |
| 13 | ابراهيم رمضان | 1018112290 | 29211161303038 | مساح | 7 | |
| 14 | احمد خالد جبر | 1002036491 | 28112101201059 | محاسب | 10 | |

مهندس الشركة المنفذة

استشاري المشروع

المكتب الفني
م/ احمد عدوي

# بيان المعدات

المشروع :

اسم المشروع : مشروع القطار السريع (الكوم الهوسينيا)

المسافة من كم 150+226 حتى كم 850+227 بطول 1.5 كم

بالإشارة الى العقد المبرم بين الهيئة العامة للطرق والكباري وشركة الفرسان لانشاء الطرق و المقاولات

رقم (2024/2023/821) بتاريخ 5-12-2023

لتنفيذ المشروع عاليه بالمعدات الآتيه :

| المعدة | سنة التصنيع | العدد |
|---|---|---|
| حفار | 2003 | 2 |
| لودر | 1998 | 2 |
| مرسيدس قلاب | 1992-1995-2001-1998 | 4 |
| بلدوزر | 1999-1997 | 1 |
| جريدر | 2000-2001 | 1 |
| تانكر مياه | 1996 | 2 |
| سيارات خدمة | 2018-2022 | 2 |
| هرامي | 2000-2002 | 2 |

الاسم :

التواقيع :

مكتب الاستشاري أ.د حسن مهاني

الاسم :

التواقيع :

الهيئة العامة للطرق

م. محمود حسين

مكتب أدامس مهدي للاستشارات الهندسية

| رقم البند | وصف البند | الوحدة | الكمية | سعر الوحدة | المبلغ |
|---|---|---|---|---|---|
| | **الباب ١ : الأعمال التي المقاولة بتاريخ ٢٠٢٠/٠٢/٠٢** | | | | |
| ٢ | [illegible] | | | | |
| ٣ | [illegible] | | | | |
| ٤ | [illegible] | | | | |
| ٥ | [illegible] | | | | |
| ٦ | [illegible] | | | | |
| ٧ | [illegible] | | | | |

مكتب أدامس جهاد
للاستشارات الهندسية

| رقم البند | وصف العمل | الوحدة | بند ١ | بند ٢ | بند ٣ | بند ٤ | بند ٥ | بند ٦ | المجموع |
|---|---|---|---|---|---|---|---|---|---|
| | **كافة / الأعمال وفق المخططات بتاريخ [illegible]** | | | | | | | | |
| [illegible] | [illegible] | | | | | | | | |
| [illegible] | [illegible] | | | | | | | | |
| [illegible] | [illegible]

مكتب أدابحس مهدي
للاستشارات الهندسية

# بيان اعمال مجمع للعقود لكميات القطع

| بيان الاعمال للكميات للشهور | عقد رقم 821/2023/2024 | | | عقد رقم 133/2024/2025 |
|---|---|---|---|---|
| | جاري 1 | جاري 2 | جاري 3 | جاري 1 |
| اعمال التطهير قبل يناير 2023 | ٢٧٠١٧,٠٠ | ٤٨٧٢,٠٠ | ١٨٧٢,٠٠ | ٠,٠٠ |
| قطع في تربة متماسكة قبل يناير 2023 | ١١٤٤٦,٠٠ | ١١٤٤٦,٠٠ | ١١٤٤٦,٠٠ | ٠,٠٠ |
| قطع في تربة صخرية قبل يناير 2023 | ٧١٩٩,٠٠ | ٧١٩٩,٠٠ | ٧١٩٢,٠٠ | ٠,٠٠ |
| **اعمال القطع في التربة الصخرية** | | | | |
| ذات اجهاد ( 300-400 ) كجم/سم2قبل يناير 2023 | ٢٩١١٥,٠٠ | ٥٩٤٢,٠٠ | ٥٩٤٢,٠٠ | ٠,٠٠ |
| ذات اجهاد ( 400-500 ) كجم/سم2قبل يناير 2023 | ٩٠٠٧٢,٠٠ | ٠,٠٠ | ٠,٠٠ | ٠,٠٠ |
| مطابق 2.2 مئوية لارتفاع السوار و ذات الكميات المنفذة بعد 2023-5-4 | ٩٠٠٧٢,٠٠ | ٠,٠٠ | ٠,٠٠ | ٠,٠٠ |
| بدلاً لكل زيادة الاجهاد مقدارها 100 كجم / سم2 وذات الكميات المنفذة | ٥٠٠٣,٠٠ | ٠,٠٠ | ٠,٠٠ | ٠,٠٠ |
| مطابق 2.2 مئوية لارتفاع السوار و ذات الكميات المنفذة بعد 2023-5-4 | ٤٩٠٥٧,٠٠ | ٠,٠٠ | ٠,٠٠ | ٠,٠٠ |
| ذات اجهاد(500-600)كجم/سم2 قبل يناير 2023 | ٠,٠٠ | ١١٢٢٥,٠٠ | ٩٥٥٩,٠٠ | ٠,٠٠ |
| ذات اجهاد(600-700) كجم/سم2قبل يناير 2023 | ٠,٠٠ | ١١٥٨٢,٠٠ | ٩٥٥٩,٠٠ | ٠,٠٠ |
| ذات اجهاد(500-600)كجم/سم2 في مايو 2023 | ٠,٠٠ | ١١١٤٢,٠٠ | ٧٦١,٠٠ | ٠,٠٠ |
| ذات اجهاد(600-700) كجم/سم2 في مايو 2023 | ٠,٠٠ | ٨٧١٢,٠٠ | ١٢٨٩,٠٠ | ٠,٠٠ |
| ذات اجهاد(500-600)كجم/سم2 شهر يونيو 2023 | ٠,٠٠ | ٠,٠٠ | ١٦١,٠٠ | ٠,٠٠ |
| ذات اجهاد(600-700) كجم/سم2شهر يونيو 2023 | ٠,٠٠ | ٠,٠٠ | ١٢٨٩,٠٠ | ٠,٠٠ |
| ذات اجهاد(500-600)كجم/سم2 شهر يونيو 2023 | ٠,٠٠ | ٠,٠٠ | ١٦١,٠٠ | ٠,٠٠ |
| ذات اجهاد(600-700) كجم/سم2شهر يونيو 2023 | ٠,٠٠ | ٠,٠٠ | ١٢٨٩,٠٠ | ٠,٠٠ |
| ذات اجهاد(500-600)كجم/سم2 شهر اغسطس 2023 | ٠,٠٠ | ٠,٠٠ | ١٦١,٠٠ | ٠,٠٠ |
| ذات اجهاد(600-700) كجم/سم2شهر اغسطس 2023 | ٠,٠٠ | ٠,٠٠ | ١٢٨٩,٠٠ | ٠,٠٠ |
| ذات اجهاد(500-600)كجم/سم2 ابتداً من سبتمبر 2023 | ٠,٠٠ | ٠,٠٠ | ٥٨٢,٠٠ | ٠,٠٠ |
| ذات اجهاد(600-700)كجم/سم2 ابتداً من سبتمبر 2023 | ٠,٠٠ | ٠,٠٠ | ٩٨٢٢,٠٠ | ٠,٠٠ |
| ذات اجهاد(600-700) كجم/سم2 ابتداء من 2024-3-22 | ٠,٠٠ | ٠,٠٠ | | ٩٠٢٠,٠٠ |

الهيئة العامة للطرق والكباري
وزارة الري والزراعة واستصلاح الأراضي

مكتب أدهم حسن مهدي
للاستشارات الهندسية

مقاول مباني (عقود مستخلص جاري ٢)

العقد رقم: [ ١٣٣ / ٢٠٢٤ / ٢٠٢٤ ] بتاريخ: ٢٠٢١/٠٢/٠١

| رقم البند | نوع العمل | الوحدة | جاري ١ | جاري ٢ | جاري ٣ | جاري ٤ | جاري ٥ | جاري ٦ | الإجمالي |
|---|---|---|---|---|---|---|---|---|---|
| | (أ) - الأعمال بتاريخ ٢٠٢١/٠٢/٠١ | | قرش/جنيه | قرش/جنيه | قرش/جنيه | قرش/جنيه | قرش/جنيه | قرش/جنيه | قرش/جنيه |
| ١ | بالشكل الساكب عمال حفر بالمعدات الميكانيكية في تربة صخرية<br>ويشمل على البند الآتي<br>١- تحميل ونقل ناتج الحفر لمسافة لا تقل عن ٢٠ كم<br>٢- إزالة الدبول الحجارية وإستخدام المعدات الميكانيكية<br>٣- توريد تربة مطابقة للمواصفات وتدعيمها بإستخدام الآلات المدمجة بسمك لا يزيد عن ١٥ سم لاستكمال المنسوب التصميمي لتكاليف الحفر ولا تقل نسبة تحميل الإيكوبرنا عن ١٠٠ (٩٥) برطلها بالمبيد الأسمنتية الموصول إلى نسبة الرطوبة المطلوبة وإضافة الوزن والهزازات للوصول إلى أقصى كثافة جافة (٩٥٪) من الكثافة الجافة القصوى. ويتم التنفيذ طبقاً للمناسيب التصميمية والإتجاهات الطولية المتوازية والرسومات الأفقية المعتمدة والتي يصبح استشارات هيئة الأصول العامة وبواسطة الهيئة العامة للطرق والكباري وتعليمات المهندس المشرف.<br>- تكلفة ١ سيدة لكم لمسافة نقل ناتج الحفر وتصبح ١,١ جنيه لكم لمسافة من ٢٠٢٢/١/١ ٢٠٢١/١٢/١٥ | | | | | | | | |
| ١-أ | ثالث أسهل (٦٠ - ٥٠) كيلومتر لمسافة تقدر من ٢٠٢١/١٢/١٥ | م٣ | ١٥٩٣٢٨,٥ | — | — | — | — | — | ١٤٣٣٩٥,٥ |
| ٢ | أعمال تحميل ونقل تربة مطابقة للمواصفات وتدعيمها بإستخدام الآلات المدمجة وبسمك لا يزيد عن ١٠ سم على منسوب (٥ متر) أسفل منسوب الطريق و بمسافة لا تزيد عن ١٠ سم أعلى من منسوب (٥ متر) من منسوب الطريق لاستكمال المنسوب التصميمي للتكاليف الحفر ولا تقل نسبة تحميل الإيكوبرنا عن ١٠٠ (٩٥) برطلها بالمبيد الأسمنتية الموصول إلى نسبة الرطوبة المطلوبة وإضافة الوزن والهزازات الوصول إلى أقصى كثافة جافة (٩٥٪) من الكثافة الجافة القصوى ويتم التنفيذ طبقاً للمناسيب التصميمية والإتجاهات الطولية المتوازية والرسومات الأفقية المعتمدة والتي يصبح استشارات هيئة الأصول العامة وبواسطة الهيئة العامة للطرق والكباري وتعليمات المهندس المشرف.<br>- في حالة طلب جهاز الإشراف زيادة نسبة الدمك من ٩٥٪ يحسب زيادة ١ جنيه على زيادة نسبة الدمك لكل ١٪.<br>- مسافة نقل حتى ٢ كم ويتم حساب علاوة ٠,١ جنيه لكل كم بالزيادة أو النقصان وتصبح (١,١ جنيه لكل كم الحفر) من ٢٠٢٢/١/١ ٢٠٢١/١٢/١٥.<br>- السعر يشمل عمل التسويات والتعلية والحفريات ونقل أنواع الدق حتى مسافة ٢٠٠ كم.<br>البند ٢ يشمل الخلطة الصحراوية | | | | | | | | |
| ١-٢ | الصنف زيادة أمين شهر سبتمبر ٢٠٢٢ | م٣ | ٤٦٥٩٤,٢٠ | — | — | — | — | — | ٤٦٥٩٤,٢٠ |
| ٢-٢ | الصنف زيادة أمين ٢٠٢١/١٢/١٥ | م٣ | ٢٣٩٦٧٩,— | — | — | — | — | — | ٢٣٩٦٧٩,— |
| | الإجمالي | | ٢٠٤٣٠٣٣,٢٠ | | | | | | ١٩٥٦٥٣٣,٢٠ |
| | إجمالي ما سبق صرفه | | | | | | | | |
| | الصافي صرفه | | | | | | | | ١٩٥٦٥٣٣,٢٠ |

مهندس الهيئة
المهندس/ سعيد حسين
[illegible]

استشاري الإشراف (مكتب أ.د/ حسن مهدي)
المدير الفني
م/ أحمد طلب

مكتب أدلبي مهدي
للاستشارات الهندسية

| بيان اعمال مجمع للعقود لكميات الردم | | | | |
|---|---|---|---|---|
| بيان الاعمال للكميات للشهور | عقد رقم 821/2023/2024 | | | عقد رقم 133/2024/2025 |
| | حوض 1 | حوض 2 | حوض 3 | حوض 4 |
| الاعمال المنفذة في يناير 2023 | ٥٦٦٤,٠٠ | ٠,٠٠ | ٠,٠٠ | ٠,٠٠ |
| علاوة سولار 1.6 جنية / م3 ابتداء من 4-5-2023 | ٦٤١٠٧,٠٠ | ٠,٠٠ | ٠,٠٠ | ٠,٠٠ |
| الاعمال المنفذة في شهر مارس 2022 | ٠,٠٠ | ٧٢٨٦,٠٠ | ٠,٠٠ | ٠,٠٠ |
| الاعمال المنفذة في شهر ابريل 2023 | ٠,٠٠ | ٦٧٩,٠٠ | ٩٩٩٤,٠٠ | ٠,٠٠ |
| الاعمال المنفذة في شهر مايو 2023 | ٠,٠٠ | | ٥٦٩٤,٠٠ | ٠,٠٠ |
| الاعمال المنفذة في شهر يونيو 2023 | ٠,٠٠ | ٠,٠٠ | ١٤٨٩٤,٠٠ | ٠,٠٠ |
| الاعمال المنفذة في شهريوليو 2023 | ٠,٠٠ | ٠,٠٠ | ١٠٠٤٦,٠٠ | ٠,٠٠ |
| الاعمال المنفذة في شهر اغسطس 2023 | ٠,٠٠ | ٠,٠٠ | ٩٤١٩,٠٠ | ٠,٠٠ |
| الاعمال المنفذة في شهر سبتمبر الى 22-3-2024 | ٠,٠٠ | ٠,٠٠ | ٨٨١٨٤,٠٠ | ٦٤٥٩,٠٠ |
| الاعمال المنفذة من 22-3-2024 الى 29-7-2024 | ٠,٠٠ | ٠,٠٠ | ٠,٠٠ | ٣١٨٤٢,٠٠ |

شركة الفرسان لإنشاء الطرق والمقاولات

| S.N | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | Length (m) | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | Approved | |
| 2 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | Approved | |
| 3 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | Approved | |
| 4 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 5 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 6 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | Approved | |
| 7 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | Approved | |
| 8 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 9 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | Approved | |
| 10 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | Approved | |
| 11 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 12 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 13 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | Approved | |
| 14 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 15 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 16 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 17 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 18 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 19 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 20 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 21 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 22 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 23 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 24 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | Approved | |
| 25 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | Approved | |
| 26 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 27 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 28 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 29 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 30 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |
| 31 | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | Approved | |

شركة الفرسان لانشاء الطرق و المقاولات

| S.N. | S.N. | NO. | Date | FROM | TO | Length (m) | Thickness | (cm) | | Inspection of ACTIVITY | ملاحظات |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | FL | 22 | 8-Aug-23 | 229+000 | 229+100 | 60.00 | 7% | -6.50 | | Approved | |
| 31 | FL | 23 | 13-Aug-23 | 229+000 | 229+100 | 80.00 | 7% | -6.00 | | Approved | |
| 32 | FL | 24 | 15-Aug-23 | 229+100 | 229+200 | 100.00 | 7% | -6.20 | | Approved | |
| 33 | FL | 25 | 21-Aug-23 | 229+000 | 229+100 | 80.00 | 7% | -7.00 | | Approved | |
| 34 | FL | 26 | 5-Sep-23 | 229+200 | 229+300 | 80.00 | 7% | -7.00 | | Approved | |
| 35 | FL | 27 | 14-Sep-23 | 229+100 | 229+200 | 100.00 | 7% | -0.50 | | Approved | |
| 36 | FL | 28 | 18-Sep-23 | 229+000 | 229+100 | 140.00 | 7% | -3.00 | | Approved | |
| 37 | FL | 29 | 19-Sep-23 | 229+300 | 229+400 | 80.00 | 7% | -5.00 | | Approved | |
| 38 | FL | 30 | 21-Sep-23 | 229+000 | 229+100 | 120.00 | 7% | -3.00 | | Approved | |
| 39 | FL | 31 | 28-Sep-23 | 229+400 | 229+500 | 80.00 | 7% | -4.00 | | Approved | |
| 40 | FL | 32 | 3-Oct-23 | 229+100 | 229+200 | 100.00 | 7% | -5.00 | | Approved | |
| 41 | FL | 33 | 5-Oct-23 | 229+400 | 229+500 | 80.00 | 7% | -5.00 | | Approved | |
| 42 | FL | 34 | 11-Oct-23 | 229+400 | 229+500 | 100.00 | 7% | -2.00 | | Approved | |
| 43 | FL | 35 | 19-Oct-23 | 229+400 | 229+500 | 80.00 | 7% | -7.00 | | Approved | |
| 44 | FL | 36 | 20-Oct-23 | 229+800 | 229+900 | 80.00 | 7% | -4.00 | | Approved | |
| 45 | FL | 37 | 24-Oct-23 | 229+600 | 229+700 | 100.00 | 7% | -7.00 | | Approved | |
| 46 | FL | 38 | 6-Nov-23 | 229+600 | 229+740 | 140.00 | 7% | -6.50 | | Approved | |
| 47 | FL | 39 | 8-Nov-23 | 229+600 | 229+680 | 80.00 | 7% | -5.00 | | Approved | |
| 48 | FL | 40 | 12-Nov-23 | 229+800 | 229+900 | 80.00 | 7% | -5.00 | | Approved | |
| 49 | FL | 41 | 13-Nov-23 | 229+800 | 229+900 | 80.00 | 7% | -7.00 | | Approved | |
| 50 | FL | 42 | 15-Nov-23 | 229+600 | 229+700 | 100.00 | 7% | -6.00 | | Approved | |
| 51 | FL | 43 | 20-Nov-23 | 229+800 | 229+900 | 80.00 | 7% | -5.00 | | Approved | |
| 52 | FL | 44 | 23-Nov-23 | 229+700 | 229+800 | 100.00 | 7% | -6.00 | | Approved | |
| 53 | FL | 45 | 29-Nov-23 | 229+900 | 230+000 | 100.00 | 7% | -6.00 | | Approved | |
| 54 | FL | 46 | 1-Dec-23 | 230+000 | 230+100 | 80.00 | 7% | -7.00 | | Approved | |
| 55 | FL | 47 | 4-Dec-23 | 230+100 | 230+200 | 100.00 | 7% | -6.00 | | Approved | |
| 56 | FL | 48 | 5-Dec-23 | 230+200 | 230+300 | 80.00 | 7% | -7.00 | | Approved | |
| 57 | FL | 49 | 6-Dec-23 | 230+300 | 230+400 | 80.00 | 7% | -6.00 | | Approved | |
| 58 | FL | 50 | 12-Dec-23 | 230+700 | 230+800 | 100.00 | 7% | -6.00 | | Approved | |
| 59 | FL | 51 | 14-Dec-23 | 230+400 | 230+500 | 100.00 | 7% | -6.00 | | Approved | |
| 60 | FL | 52 | 19-Dec-23 | 230+500 | 230+600 | 140.00 | 7% | -6.00 | | Approved | |
| 61 | FL | 53 | 21-Dec-23 | 230+400 | 230+500 | 100.00 | 7% | -4.00 | | Approved | |

شركة الهيدرولات لانشاء الطرق و المقاولات

| S.N | S.N | NO | Date | FROM | TO | Length (m) | Roughness | Hole | | Remark of ACTION | ملاحظات |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 62 | FL | 62 | 4-Jun-24 | 229+440 | 229+540 | 100.00 | Yes | -0.50 | | Approved | |
| 63 | FL | 63 | 14-Jun-24 | 229+600 | 229+800 | 200.00 | Yes | -0.50 | | Approved | |
| 64 | FL | 64 | 17-Jun-24 | 229+840 | 229+910 | 100.00 | Yes | -0.50 | | Approved | |
| 65 | FL | 65 | 25-Jun-24 | 229+920 | 229+970 | 50.00 | Yes | -0.50 | | Approved | |
| 66 | FL | 66 | 30-Jun-24 | 229+940 | 229+940 | 100.00 | Yes | -0.50 | | Approved | |
| 67 | FL | 67 | 1-Feb-24 | 229+980 | 230+040 | 60.00 | Yes | -0.50 | | Approved | |
| 68 | FL | 68 | 5-Feb-24 | 230+400 | 230+600 | 200.00 | Yes | -0.50 | | Approved | |
| 69 | FL | 69 | 11-Feb-24 | 230+440 | 230+540 | 100.00 | Yes | -0.50 | | Approved | |
| 70 | FL | 70 | 12-Feb-24 | 230+540 | 230+620 | 80.00 | Yes | -0.50 | | Approved | |
| 71 | FL | 71 | 21-Feb-24 | 230+780 | 230+940 | 160.00 | Yes | -0.50 | | Approved | |
| 72 | FL | 72 | 23-Feb-24 | 230+920 | 231+040 | 120.00 | Yes | -0.50 | | Approved | |
| 73 | FL | 73 | 28-Mar-24 | 231+310 | 231+440 | 130.00 | Yes | -0.50 | | Approved | |
| 74 | FL | 74 | 29-Mar-24 | 231+440 | 231+540 | 100.00 | Yes | -0.50 | | Approved | |
| 75 | FL | 75 | 31-Mar-24 | 231+700 | 231+800 | 100.00 | Yes | -0.50 | | Approved | |
| 76 | FL | 76 | 5-Apr-24 | 231+920 | 232+040 | 120.00 | Yes | -0.50 | | Approved | |
| 77 | FL | 77 | 11-Apr-24 | 232+310 | 232+440 | 130.00 | Yes | -0.50 | | Approved | |
| 78 | FL | 78 | 19-May-24 | 232+700 | 232+800 | 100.00 | Yes | -0.50 | | Approved | |
| 79 | FL | 79 | 19-May-24 | 232+880 | 232+940 | 100.00 | Yes | -0.50 | | Approved | |
| 80 | FL | 80 | 22-May-24 | 233+070 | 233+160 | 90.00 | Yes | -0.50 | | Approved | |
| 81 | FL | 81 | 28-May-24 | 233+460 | 233+540 | 80.00 | Yes | -0.50 | | Approved | |
| 82 | FL | 82 | 2-Jul-24 | 233+870 | 233+960 | 90.00 | Yes | -0.50 | | Approved | |
| 83 | FL | 83 | 4-Jul-24 | 234+020 | 234+140 | 120.00 | Yes | -1.75 | | Approved | |
| 84 | FL | 84 | 5-Jul-24 | 234+190 | 234+340 | 150.00 | Yes | -1.75 | | Approved | |
| 85 | FL | 85 | 8-Jul-24 | 234+560 | 234+640 | 80.00 | Yes | -1.50 | | Approved | |
| 86 | FL | 86 | 23-Jul-24 | 234+970 | 235+060 | 90.00 | Yes | -3.00 | | Approved | |
| 87 | FL | 87 | 30-Jul-24 | 235+190 | 235+340 | 150.00 | Yes | -1.50 | | Approved | |
| 88 | FL | 88 | 27-Jun-24 | 235+620 | 235+740 | 120.00 | Yes | -1.50 | | Approved | |
| 89 | FL | 89 | 1-Jul-24 | 235+990 | 236+080 | 90.00 | Yes | -3.00 | | Approved | |
| 90 | FL | 90 | 9-Jul-24 | 236+370 | 236+460 | 90.00 | Yes | -3.00 | | Approved | |
| 91 | FL | 91 | 10-Jul-24 | 236+620 | 236+720 | 100.00 | Yes | -1.25 | | Approved | |
| 92 | FL | 92 | 14-Jul-24 | 236+733 | 236+853 | 120.00 | Yes | -1.25 | | Approved | |
| 93 | FL | 93 | 14-Jul-24 | 236+460 | 236+540 | 80.00 | Yes | 1.00 | | Approved | |

شركة الفرسان لإنشاء الطرق و المقاولات

| S.N | S.N. | ND | Date | FROM | TO | Length (m) | Description | [illegible] | | [illegible] | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 94 | FL | 93 | 26-Aug-24 | 229+274 | 229+362 | 84.00 | TSU | -0.50 | | Approved | |
| 95 | FL | 94 | 1-Aug-24 | 229+733 | 229+848 | 115.00 | TSU | -1.00 | | Approved | |
| 96 | FL | 95 | 28-Aug-24 | 229+622 | 229+730 | 105.00 | TSU | -1.00 | | Approved | |
| 97 | FL | 97 | 23-Aug-24 | 229+279 | 229+362 | 83.00 | TSU | -1.75 | | Approved | |
| 98 | FL | 98 | 28-Aug-24 | 229+460 | 229+545 | 85.00 | TSU | -1.00 | | Approved | |
| 99 | FL | 99 | 29-Aug-24 | 229+739 | 229+849 | 110.00 | TSU | -0.75 | | Approved | |
| 100 | FL | 100 | 27-Aug-24 | 229+628 | 229+733 | 105.00 | TSU | -0.75 | | Approved | |
| 101 | FL | 101 | 29-Aug-24 | 229+460 | 229+552 | 92.00 | TSU | -1.50 | | Approved | |
| 102 | FL | 102 | 28-Aug-24 | 229+378 | 229+463 | 84.00 | TSU | -1.00 | | Approved | |
| 103 | FL | 103 | 28-Aug-24 | 229+628 | 229+734 | 106.00 | TSU | -0.50 | | Approved | |
| 104 | FL | 104 | 1-Sep-24 | 229+748 | 229+848 | 100.00 | TSU | -0.50 | | Approved | |
| 105 | FL | 105 | 29-Sep-24 | 229+378 | 229+460 | 82.00 | TSU | -0.25 | | Approved | |
| 106 | FL | 106 | 29-Sep-24 | 229+460 | 229+540 | 80.00 | TSU | -0.50 | | Approved | |
| 107 | FL | 107 | 29-Sep-24 | 229+748 | 229+848 | 100.00 | TSU | -0.25 | | Approved | |
| 108 | FL | 108 | 29-Sep-24 | 229+628 | 229+728 | 100.00 | TSU | -0.25 | | Approved | |
| 109 | FL | 109 | 29-Sep-24 | 229+375 | 229+457 | 82.00 | TSU | -1.00 | | Approved | |

مشروع الطريق السريع

المشروع القومي

القطار الكهربائي السريع (القاهرة / أبو سمبل)

إدارة تنفيذ الطرق والكباري

المنطقة الشمالية - بني سويف

## مذكرة إيضاحية

## للعرض على السيد المهندس / رئيس قطاع التنفيذ والمناطق

[illegible]

- الشركة المنفذة : "الوسيلة لإنشاء الطرق والمقاولات" "أسيد أبو النصر وشركاه"
- [illegible] ٢٠٢٢/١٢/٢٨
- [illegible] ٢٠٢٢/١٢/١٠
- [illegible] ٢٠٢٤/٨/٩
- [illegible] ٢٠١٩/٢/٩
- [illegible] ١٢٠٠٠٠٠٠ (سبعة عشر مليون جنيها) .

[illegible]

- [illegible] المشروع القومي (القطار الكهربائي السريع) بخصوص المشروع مالية موضحة به أسباب تعديل الكميات [illegible] المنطقة رقم (٢) يقضي فيه [illegible] الأسعار وذلك [illegible] تعديل أسعار [illegible] وتعديل الكميات [illegible] [illegible] على أسعار [illegible] بالمطابقة الأصلية [illegible] [illegible] [illegible]

السيد المهندس / رئيس المنطقة السادسة ريفي سوهاج

تحية طيبة وبعد ،،،

الموضوع بخصوص مشروع أعمال [illegible] والأعمال الصناعية للقطار السريع ( القوير / أبو سمبل ) القطاع الثاني ( بني مزار / سمالوط ) فتداع من كم 226+350 الى كم 227+350 بطول 1 كم ( انتهاء سمالوط ) عقد رقم (821 / 2023 / [illegible]) بالبند شركة الفرسان لانشاء الطرق والمقاولات احمد ابو النجا وشركاه.

نحيط سيادتكم بأنه :

- تم تعديل اسعار البنود بسبب زيادة أسعار البنود [illegible] طبقا للمفروضة على اسعار البنود الموجودة بالمقايسة الاصلية ( ردم بأتربة صالحة وتدمج في تربة متماسكة وتطهير الارض الطبيعية من الاشجار والمزروعات) وبناء عليه تم تعديل الكميات المدرجة بالمقايسة الحالية طبقا للمفروضة بتاريخ 2024/5 .

برجاء التفضل بالإحاطة والتوجيه اللازم

والتكرم بالعلم لكل الاجراء

[illegible]

المكتب الفني

م / أحمد حزب

مدير المشروع الاستشاري

م / محمود [illegible]

مشروع القطار السريع

[illegible]

# مقايسة معتمدة(3)

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 2 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| | | | | | |
| 3 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 4 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 5 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 6 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| | | | | | |
| 7.1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7.2 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7.3 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7.4 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

# مقايسة معدلة(3)

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

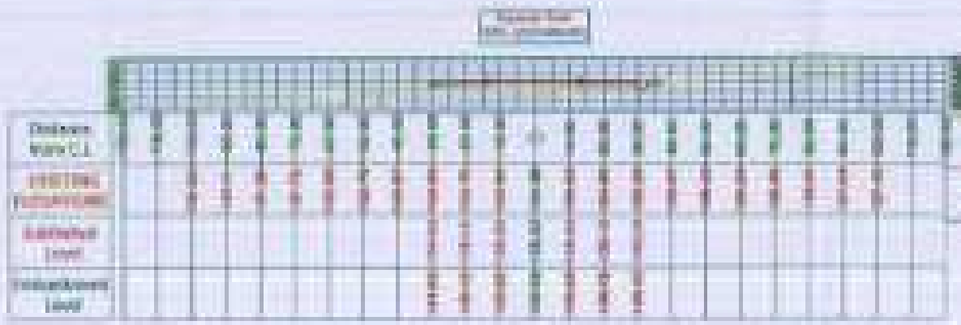
مشروع القطار الكهربائي السريع

إستكمال إنشاء أعمال الجسر الترابي والأعمال الصناعية بمحطات مشروع إنشاء القطار الكهربائي السريع
(الكدر -الموصل)

تنمية شركة الفرسان لإنشاء الطرق و المقاولات
مستخلص جزئي (3) عقد رقم (821-2018-2024)
حفر الصخر قبل يناير 2021

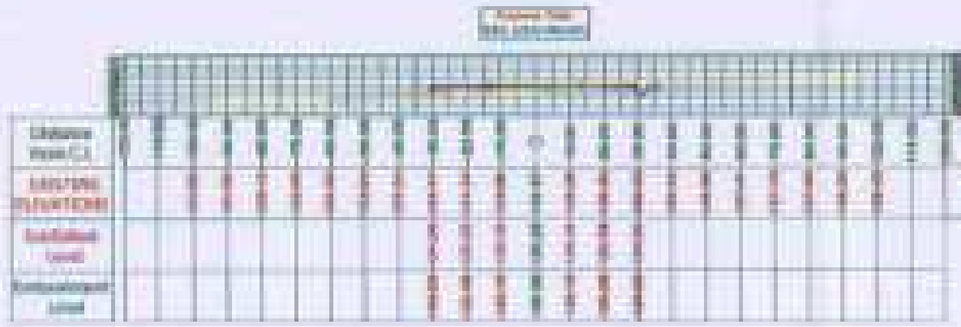
بند رقم (8) : بالمتر المكعب أعمال حفر والمعدات الميكانيكية في تربة صخرية

| Station | CUT Area | CUT VOLUME | CUMULATIVE VOLUME | Excavation | | |
|---|---|---|---|---|---|---|
| | | | | Unit | Quantity | Total Qty |
| 227+120.00 | 58.60 | 585.95 | 585.95 | CUT | 585.95 | 6424.47 |
| 227+140.00 | 63.18 | 1217.72 | 1803.67 | | 1217.72 | |
| 227+160.00 | 5.01 | 681.91 | 2485.58 | | 681.91 | |
| 227+180.00 | 0.00 | 50.15 | 2535.73 | | 50.15 | |
| 227+200.00 | 4.13 | 41.34 | 2577.07 | | 41.34 | |
| 227+220.00 | 19.10 | 232.29 | 2809.36 | | 232.29 | |
| 227+240.00 | 44.06 | 631.56 | 3440.92 | | 631.56 | |
| 227+260.00 | 24.85 | 689.07 | 4129.99 | | 689.07 | |
| 227+280.00 | 49.03 | 738.81 | 4868.80 | | 738.81 | |
| 227+300.00 | 106.53 | 1555.67 | 6424.47 | | 1555.67 | |
| إجمالي كمية الصخر قبل 2021-1-4 | | | | | | 6,424.47 |



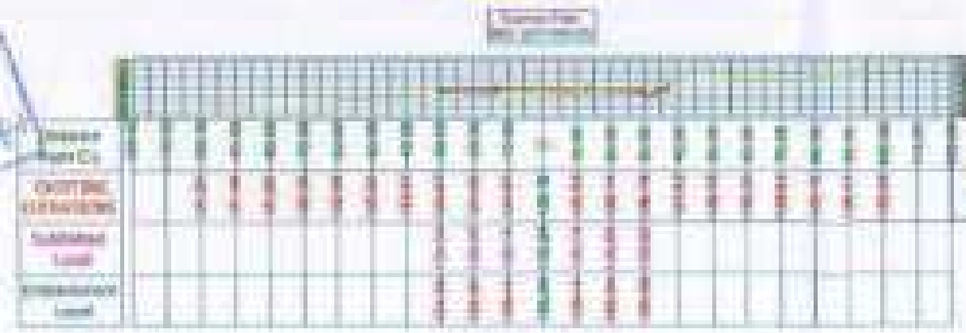
Material(s) at Station 226+950.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| Ground Removed | 0.00 | 0.00 | 0.00 |



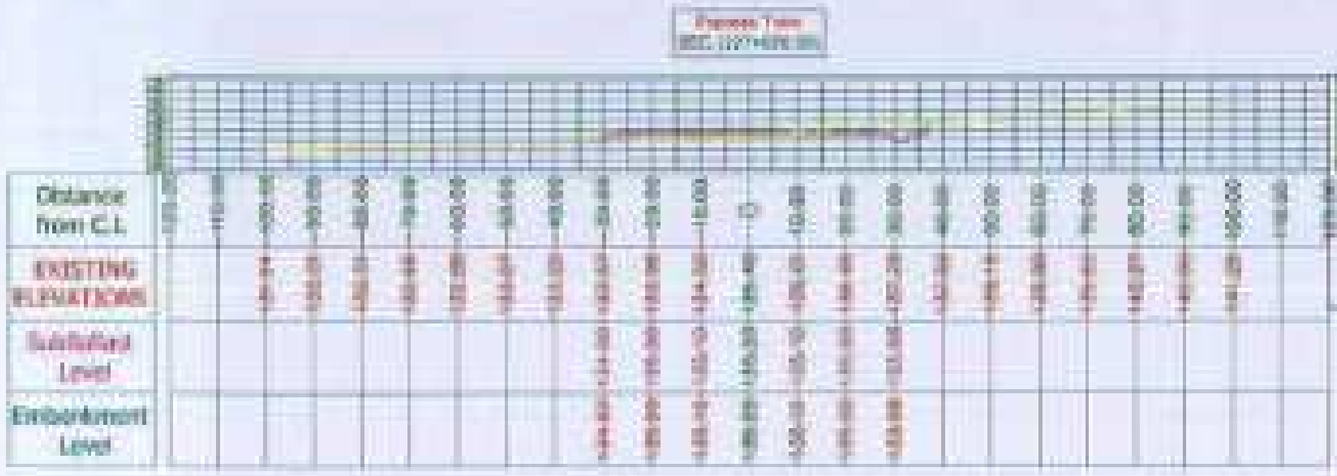
Material(s) at Station 226+960.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| Ground Removed | 0.00 | 0.00 | 0.00 |

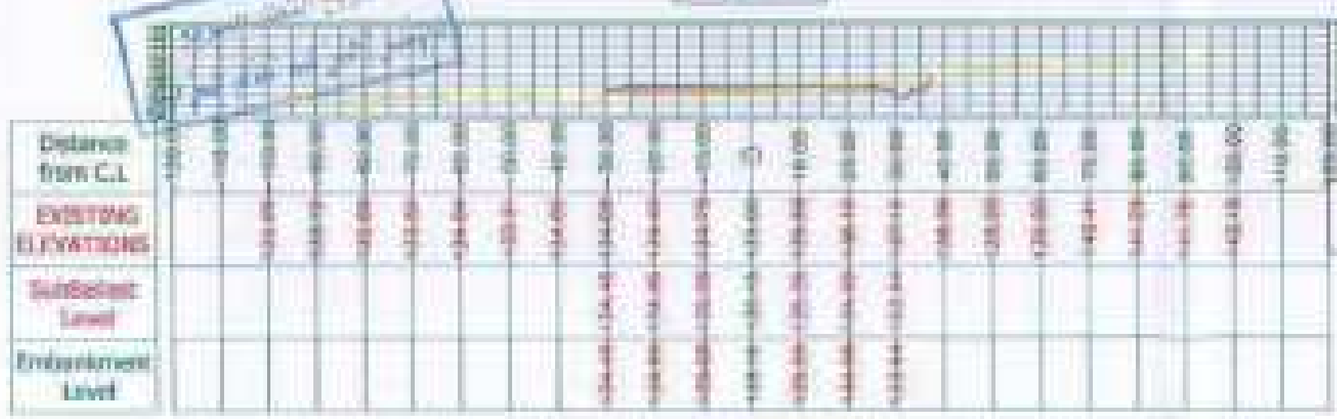


Material(s) at Station 227+000.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| Ground Removed | 0.00 | 0.00 | 0.00 |



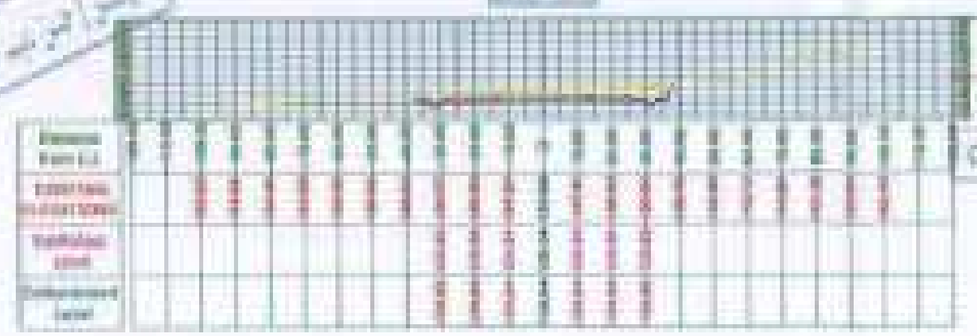

| Material(s) at Station 227+020.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 0.00 | 0.00 | 0.00 |




| Material(s) at Station 227+040.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 0.00 | 0.00 | 0.00 |

| Material(s) at Station 227+060.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 0.00 | 0.00 | 0.00 |

| Material(s) at Station 227+080.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 0.00 | 0.00 | 0.00 |

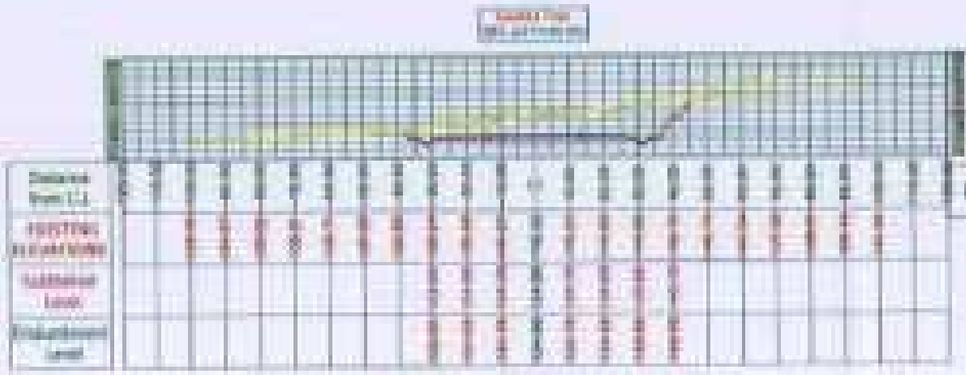


| Material(s) at Station 227+100.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 0.00 | 0.00 | 0.00 |

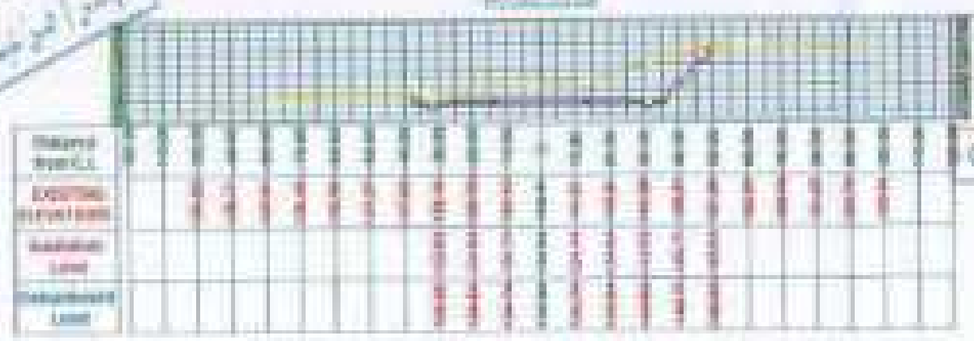
| Material(s) at Station 227+120.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 58.60 | 585.95 | 585.95 |

| Material(s) at Station 227+140.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 63.18 | 1217.72 | 1803.67 |

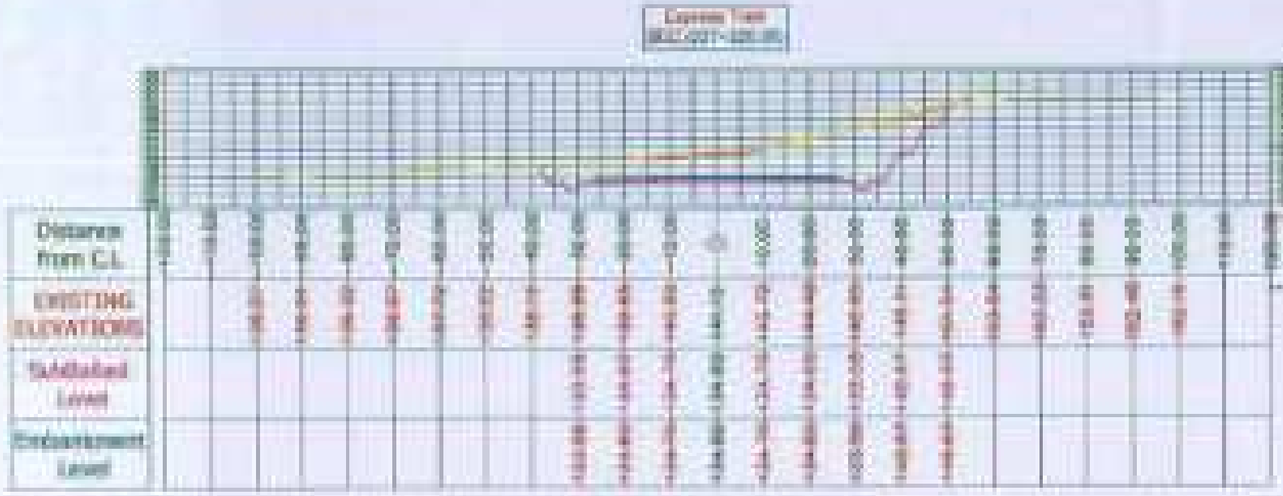
| Material(s) at Station 227+160.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 5.01 | 681.91 | 2465.58 |



| Material(s) at Station 227+180.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 0.09 | 50.15 | 2535.73 |



| Material(s) at Station 227+200.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 4.13 | 41.34 | 2577.07 |

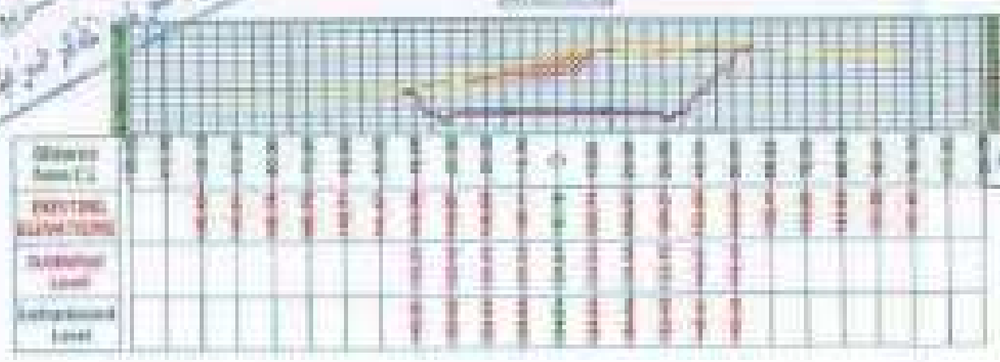



| Material(s) at Station 227+220.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 19.10 | 232.29 | 2809.36 |

| Material(s) at Station 227+240.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 44.06 | 631.56 | 3440.92 |

| Material(s) at Station 227+260.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 24.85 | 689.07 | 4129.99 |

| Material(s) at Station 227+280.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 49.03 | 738.81 | 4868.80 |



| Material(s) at Station 227+300.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| Ground Removed | 106.53 | 1555.67 | 6424.47 |

مشروع القطار الكهربائي السريع

استكمال إنشاء أعمال الجسر العلوي والأعمال الصناعية بمقاطعات مشروع إنشاء القطار الكهربائي السريع
(أكتوبر - بوسطن )

تنفيذ شركة الفرسان لإنشاء الطرق و المقاولات
مستخلص جزئي (3) عقد رقم (821-2018-3024)
حصر التربة المتماسكة قبل يناير 2023

بند رقم (2ط) : بالمتر المكعب أعمال حفر وإستخدام المعدات الميكانيكية في التربة المتماسكة عدا التربة الصخرية

| Station | CUT Depth | CUT Volume | Cumulative CUT Volume | CUT | Quantity | Total Qty |
|---|---|---|---|---|---|---|
| 227+308.34 | 85.58 | 0.00 | 0.00 | CUT | 0.00 | 3962.69 |
| 227+320.00 | 45.94 | 766.84 | 766.84 | | 766.84 | |
| 227+340.00 | 85.32 | 1312.63 | 2079.47 | | 1312.63 | |
| 227+360.00 | 46.47 | 1317.94 | 3397.41 | | 1317.94 | |
| 227+376.00 | 24.19 | 565.28 | 3962.69 | | 565.28 | |
| إجمالي كميات التربة متماسكة والتكسيرية | | | | | | 3,962.69 |

من الاستشاري / حسن مهاوي

من استشاري السلامة (HSE)

من شركة الفرسان

مشروع القطار الكهربائي السريع

إستكمال إنشاء أعمال الحفر الترابي والأعمال الصناعية بقطاعات مشروع إنشاء القطار الكهربائي السريع (الموصل - اربيل)

تنفيذ شركة الفرسان لإنشاء الطرق و المقاولات

مستخلص جاري (9) عقد رقم (821-2015-2024)

حفر الصخر قبل يناير 2025

بند رقم (6) / بالمتر المكعب أعمال حفر بالمعدات الميكانيكية في تربة صخرية

| Station | Cut Area | CUT VOLUME | CUMULATIVE VOLUME | VOLUME | | |
|---|---|---|---|---|---|---|
| | | | | | Original | Total Qty |
| 227+308.34 | 318.78 | 0.00 | 0.00 | CUT | 0.00 | 25937.50 |
| 227+320.00 | 463.91 | 4563.34 | 4563.34 | | 4563.34 | |
| 227+340.00 | 377.68 | 8415.92 | 12979.26 | | 8415.92 | |
| 227+360.00 | 443.92 | 8216.04 | 21195.30 | | 8216.04 | |
| 227+376.00 | 348.65 | 4742.20 | 25937.50 | | 4742.20 | |
| اجمالي كمية الصخر قبل 8-9-2024 | | | | | | 25,937.50 |
| اجمالي كميات تربة متماسكة (الكشط) | | | | | | 3,962.69 |
| الكمية الصحية | | | | | | 21,974.81 |

مشروع القطار الكهربائي السريع

إستكمال إستئناف أعمال الجسر الأرضي والأعمال الصناعية وقطاعات مشروع إنشاء القطار الكهربائي السريع (أكتوبر - نوسميل)

تعهد شركة الفرسان لإنشاء الطرق والمقاولات
مستخلص جاري [3] عقد رقم [831-2023-2024]
حصر الصخور من 4-5-2023 إلى 22-1-2024

بند رقم [8] : بالبند المكعب أعمال حفر والمعدات الميكانيكية في تربة صخرية

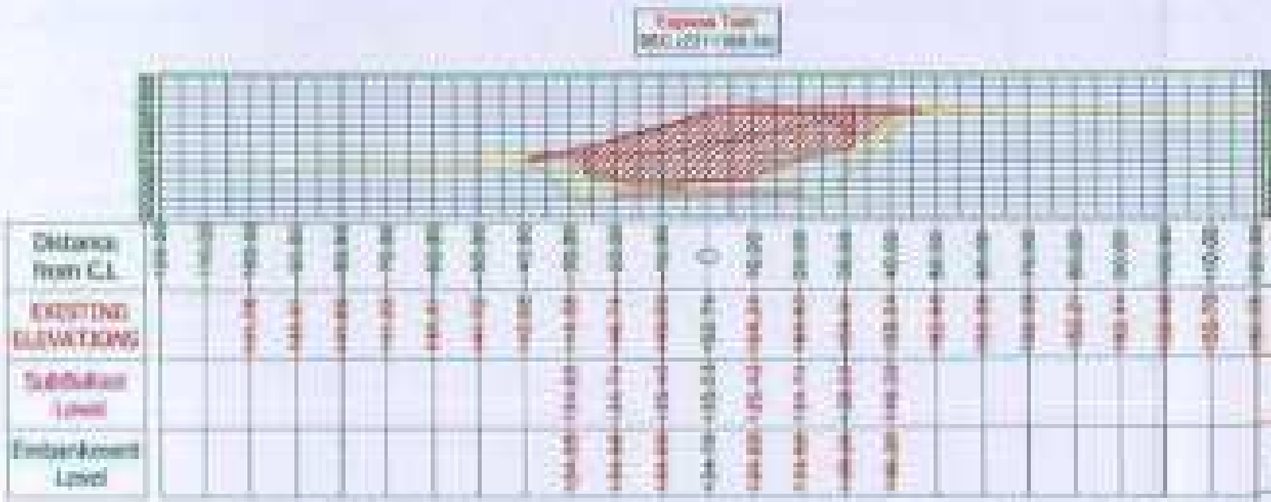
| Station | TOT Area | TOT VOLUME | CONSOLATING VOLUME | [illegible] | | |
|---|---|---|---|---|---|---|
| | | | | | [illegible] | Total Qty |
| 227+308.34 | 771.15 | 0.00 | 0.00 | CUT | 0.00 | 48239.82 |
| 227+320.00 | 793.77 | 9124.00 | 9124.00 | | 9124.00 | |
| 227+340.00 | 663.96 | 14577.25 | 23701.25 | | 14577.25 | |
| 227+360.00 | 693.03 | 13569.86 | 37271.11 | | 13569.86 | |
| 227+376.00 | 678.06 | 10968.71 | 48239.82 | | 10968.71 | |

| | |
|---|---|
| إجمالي كمية الصخر إلى 22-1-2024 | 48,239.82 |
| إجمالي كميات التربة متماسكة (التكشيط) | 3,962.69 |
| إجمالي كمية الصخر قبل 4-5-2023 | 25,937.50 |
| إجمالي كمية الصخر قبل 4-5-2023 بدون التكشيف | 21,974.81 |
| كمية الصخر من 4-5-2023 إلى 22-1-2024 | 22,302.32 |

من الاستشاري (أ. حسن جهاد)

من استشاري الصناعة (SYS)

من الشركة المنفذة

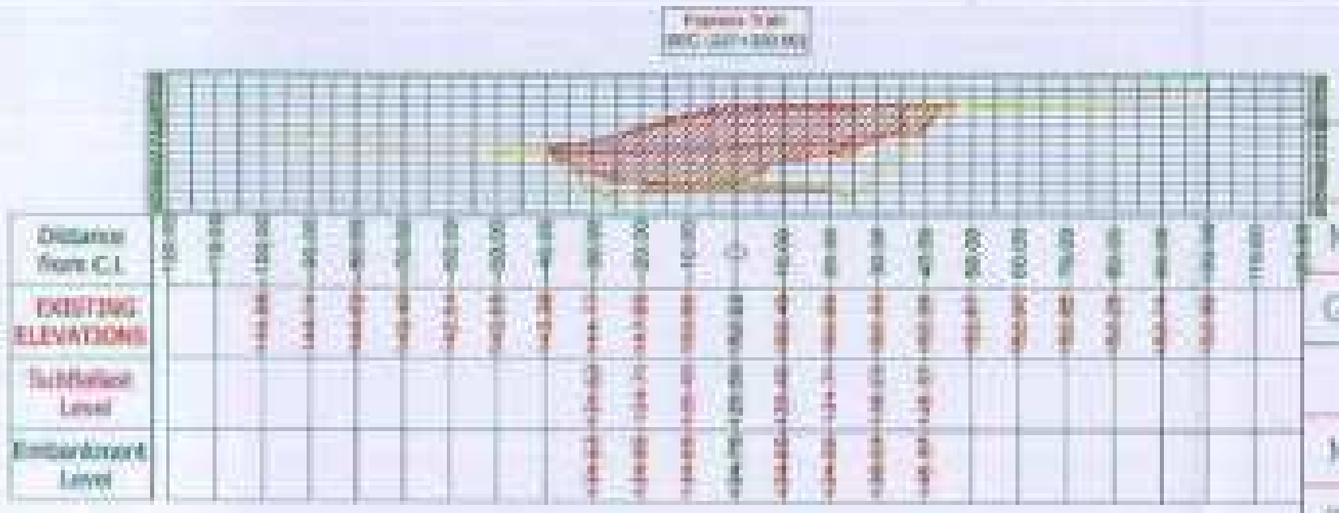



| 227+308.34 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 85.58 | 0.00 | 0.00 |

| DONE 4-5-2023 227+308.34 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 318.78 | 0.00 | 0.00 |

| TOTAL TO 22-3-2024 227+308.34 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 771.15 | 0.00 | 0.00 |

| TOTAL TO 29-7-2024 227+308.34 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 719.64 | 0.00 | 0.00 |

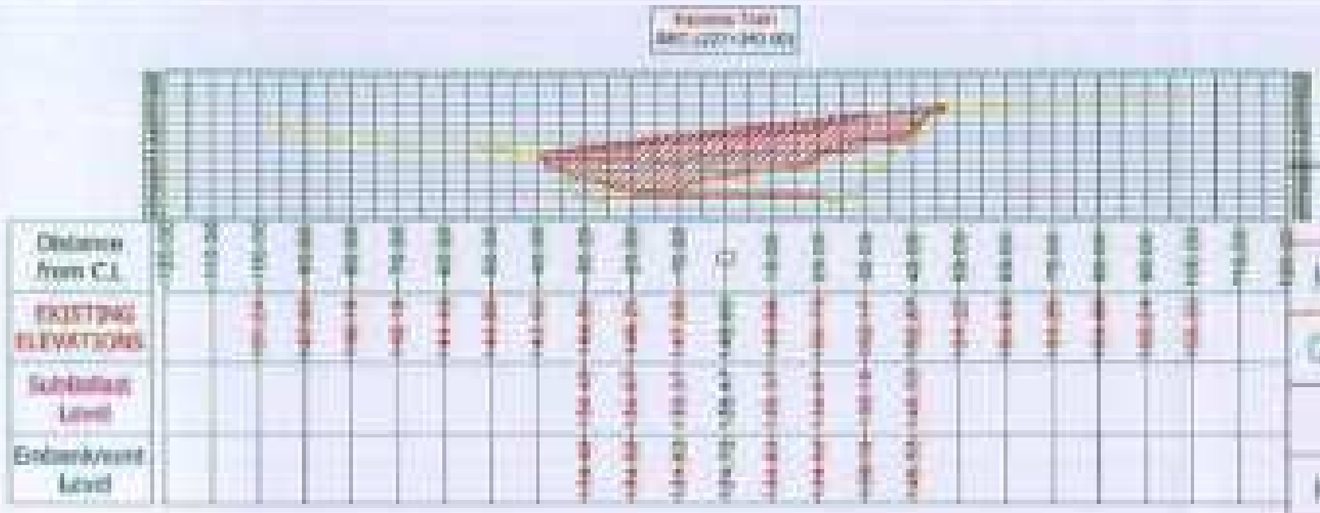



| تفتيش 227+320.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 45.94 | 766.84 | 766.84 |

| DONG 4-5-2023 227+320.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 463.91 | 4563.34 | 4563.34 |

| TOTAL TO 22-3-2024 227+320.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 793.77 | 9124.00 | 9124.00 |

| TOTAL TO 29-7-2024 227+320.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 823.79 | 8998.68 | 8998.68 |




| 227+340.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 85.32 | 1312.63 | 2079.47 |

| DONG 4-5-2023 227+340.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 377.68 | 8415.92 | 12979.25 |

| TOTAL TO 22-3-2024 227+340.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 663.96 | 14577.25 | 23701.25 |

| TOTAL TO 29-7-2024 227+340.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 874.57 | 14983.57 | 23982.25 |

مشروع القطار السريع

| 227+360.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 46.47 | 1317.94 | 3397.41 |

| DONG 4-5-2023 227+360.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 443.92 | 8218.04 | 21195.35 |

| TOTAL TO 22-3-2024 227+360.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 693.03 | 13569.86 | 37271.11 |

| TOTAL TO 29-7-2024 227+360.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 728.32 | 14028.90 | 38011.15 |

| 227+376.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 24.19 | 565.28 | 3962.70 |

| DONG 4-5-2023 227+376.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 148.85 | 4742.20 | 25937.50 |

| TOTAL TO 22-3-2024 227+376.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 678.06 | 10968.71 | 48239.82 |

| TOTAL TO 29-7-2024 227+376.00 | | | |
|---|---|---|---|
| MATERIAL NAME | Area | Volume | Cumulative Volume |
| Ground Removed | 717.63 | 11567.55 | 49578.70 |

مشروع الطريق الدائري الشرقي

[illegible]

[illegible]

| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
|---|---|---|---|---|---|---|
| 336+260.00 | 51.22 | 0.00 | 0.00 | | 0.00 | |
| 336+300 | 50.71 | 1049.39 | 1049.39 | | 1049.39 | |
| 336+320 | 70.68 | 1244.97 | 2294.35 | | 1244.97 | |
| 336+340 | 50.43 | 1211.09 | 3506.44 | | 1211.09 | |
| 336+360 | 22.1 | 725.29 | 4231.73 | | 725.29 | |
| 336+380 | 21.92 | 439.25 | 4668.98 | | 439.25 | |
| 336+400 | 55.31 | 771.31 | 5440.29 | | 771.31 | |
| 336+420 | 58.68 | 1139.86 | 6580.15 | 1112 | 1139.86 | 12526.16 |
| 336+440 | 46.97 | 1050.46 | 7630.61 | | 1050.46 | |
| 336+460 | 44.29 | 906.56 | 8537.18 | | 906.56 | |
| 336+480 | 48.61 | 928.94 | 9466.10 | | 928.94 | |
| 336+500 | 50.55 | 847.38 | 10313.48 | | 847.38 | |
| 336+520 | 54.96 | 710.98 | 11024.55 | | 710.98 | |
| 336+540 | 42.04 | 770.17 | 11794.72 | | 770.17 | |
| 336+560 | 51.1 | 731.44 | 12526.16 | | 731.44 | |
| اجمالي كميات الردم المنفذه سابقا | | | | | | 0.00 |
| اجمالي كميات الردم الفعليه الحاليه بعد خصم مساحة خرسانة الميول | | | | | | 12526.16 |
| كمية خصم مساحة خرسانة الميول | | | | | | 99.68 |

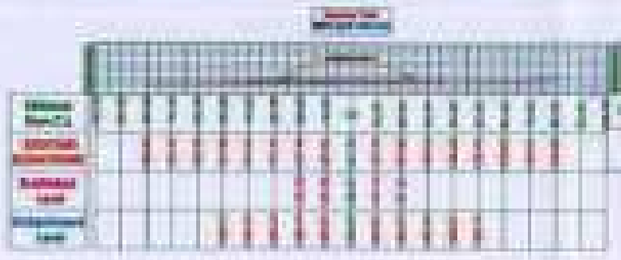
من الاستشاري / [illegible]

من استشاري الصحة [illegible]

من شركة [illegible]

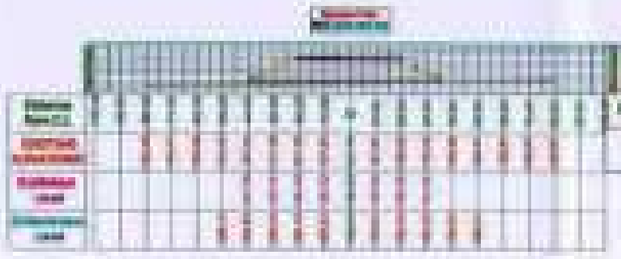
Material(s) at Station: 328+260.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| Fill | 31.32 | 0.00 | 0.00 |



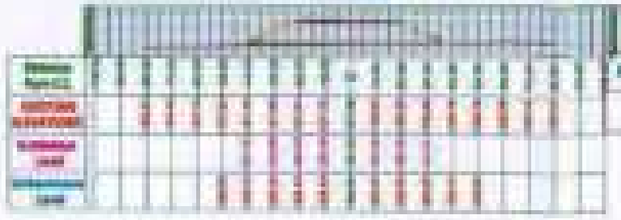
Material(s) at Station: 328+280.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| Fill | 52.71 | 1040.38 | 1040.38 |



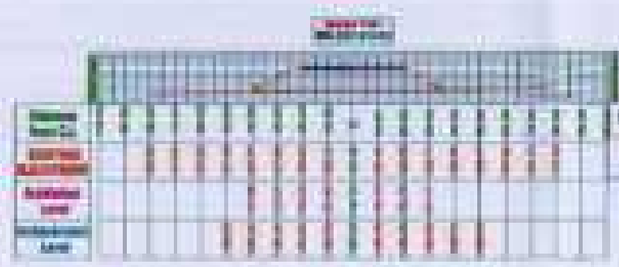
Material(s) at Station: 328+300.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| Fill | 70.88 | 1243.97 | 2283.35 |



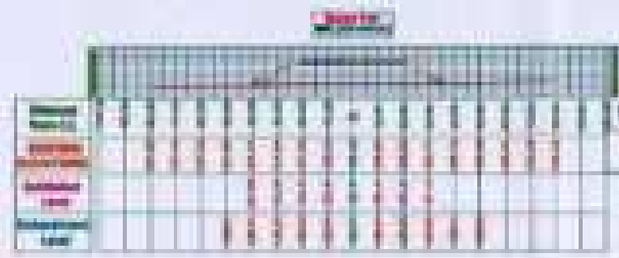
Material(s) at Station: 328+320.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| Fill | 92.43 | 1371.08 | 3654.44 |



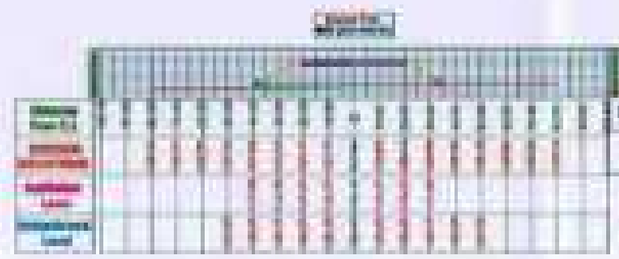
Material(s) at Station 226+340.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| F(2) | 23.10 | 705.39 | 4228.73 |



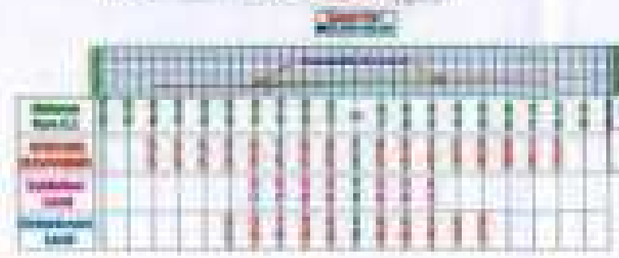
Material(s) at Station 226+364.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| F(2) | 21.53 | 439.23 | 4668.96 |



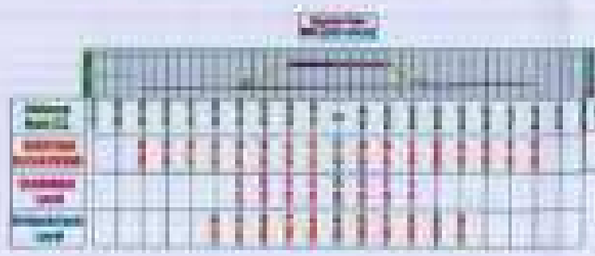
Material(s) at Station 226+380.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| F(2) | 55.31 | 771.31 | 5440.28 |



Material(s) at Station 226+400.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| F(2) | 38.69 | 11.56.86 | 6502.15 |



| Material(s) at Station 229+420.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| F (1) | 46.57 | 1930.48 | 76300.61 |

| Material(s) at Station 229+440.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| F (1) | 44.29 | 886.58 | 85317.19 |

| Material(s) at Station 229+460.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| F (1) | 45.41 | 908.34 | 94408.13 |

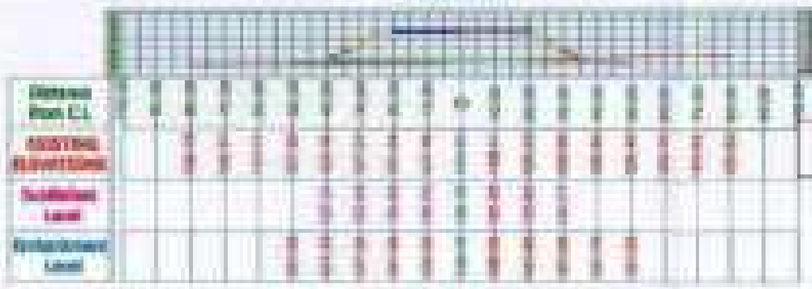
| Material(s) at Station 229+480.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| F (1) | 36.33 | 847.58 | 103121.48 |

Material(s) at Station 226+500.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| Fill | 34.98 | 713.08 | 11024.55 |

Material(s) at Station 228+520.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| Fill | 42.04 | 770.17 | 11794.72 |



Material(s) at Station 228+540.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| Fill | 31.10 | 731.44 | 12526.16 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 225+560 | 1.86 | 18.61 | 18.61 | | 18.61 | |
| 225+580 | 9.56 | 109.21 | 127.82 | | 109.21 | |
| 225+600 | 5.62 | 153.79 | 276.60 | | 153.79 | |
| 225+620 | 0 | 58.18 | 334.79 | | 58.18 | |
| 225+640 | 0 | 0.00 | 334.79 | | 0.00 | |
| 225+660 | 24.6 | 248.00 | 582.79 | | 248.00 | |
| 225+680 | 19.62 | 442.18 | 1024.97 | | 442.18 | |
| 225+700 | 7.75 | 273.69 | 1298.66 | | 273.69 | |
| 225+720 | 2.62 | 102.73 | 1401.39 | | 102.73 | |
| 225+740 | 10.87 | 134.90 | 1536.29 | | 134.90 | |
| 225+760 | 23.93 | 347.96 | 1884.25 | | 347.96 | |
| 225+780 | 20.93 | 446.13 | 2329.38 | | 446.13 | |
| 225+800 | 22.65 | 433.39 | 2762.77 | | 433.39 | |
| 225+820 | 12.17 | 348.20 | 3110.97 | | 348.20 | |
| 225+840 | 0 | 121.66 | 3232.63 | | 121.66 | |
| 225+860 | 76.45 | 764.48 | 3997.11 | 10% | 764.48 | 30402.14 |
| 225+880 | 78.94 | 1553.86 | 5550.97 | | 1553.86 | |
| 225+900 | 107.54 | 1862.82 | 7413.79 | | 1862.82 | |
| 225+920 | 87.08 | 1944.28 | 9358.07 | | 1944.28 | |
| 225+940 | 56.42 | 1435.08 | 10791.15 | | 1435.08 | |
| 225+960 | 54.88 | 1133.00 | 11906.15 | | 1133.00 | |
| 225+980 | 55.29 | 1101.64 | 13007.79 | | 1101.64 | |
| 226+000 | 58.65 | 1139.43 | 14147.22 | | 1139.43 | |
| 226+020 | 46.32 | 1049.76 | 15196.98 | | 1049.76 | |
| 226+040 | 44.29 | 906.08 | 16101.06 | | 906.08 | |
| 226+060 | 43.41 | 926.94 | 17030.00 | | 926.94 | |
| 226+080 | 38.31 | 847.38 | 17877.38 | | 847.38 | |
| 226+100 | 34.95 | 712.83 | 18590.21 | | 712.83 | |
| 226+120 | 42.05 | 769.92 | 19360.13 | | 769.92 | |
| 226+140 | 35.08 | 781.21 | 20141.34 | | 781.21 | |
| 226+160 | 0 | 310.80 | 20402.14 | | 310.80 | |

| | |
|---|---|
| اجمالي كميات الردم المصروفة سابقة | 12526.16 |
| اجمالي كميات الردم الفعلية الحالية بعد خصم سبعات خرسانة الحول | 30,402.14 |
| كمية خصم سبعات خرسانة الحول | 170.50 |
| كمية شهر مايو | 7,875.98 |

Total Volume at Station 225+560.00

| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 1.36 | 13.61 | 13.61 |

Total Volume at Station 225+580.00

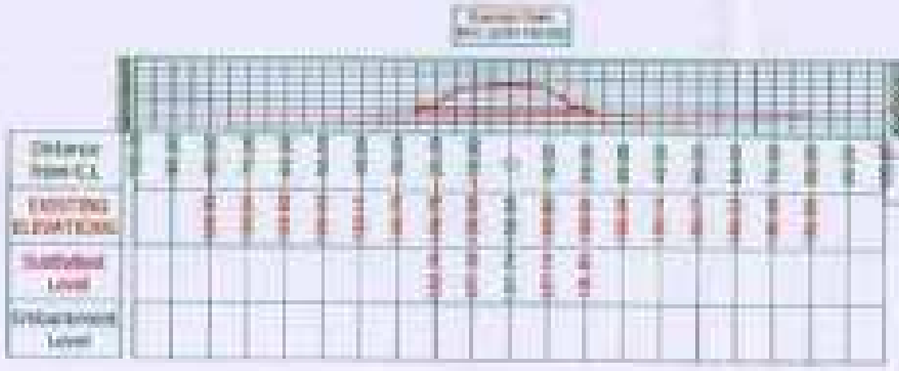
| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 9.58 | 109.21 | 122.82 |

Total Volume at Station 225+600.00

| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 5.82 | 153.79 | 276.60 |

Total Volume at Station 225+620.00

| Material Name | Fill Area | Fill Vol | Cum. Fill Vol |
|---|---|---|---|
| FILL | 0.00 | 58.18 | 334.79 |




Total Volume at Station 225+740.00

| Material Name | Fill Area | Fill Vol | Cum. Fill Vol |
|---|---|---|---|
| FILL | 0.00 | 0.00 | 334.79 |

Total Volume at Station 225+860.00

| Material Name | Fill Area | Fill Vol | Cum. Fill Vol |
|---|---|---|---|
| FILL | 24.68 | 346.00 | 680.79 |

| Total Volume at Station 225+780.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Sum Fill Vol |
| FILL | 19.62 | 642.18 | 1022.97 |

| Total Volume at Station 225+800.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Sum Fill Vol |
| FILL | 7.75 | 373.69 | 1296.65 |

| Total Volume at Station 225+820.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Sum Fill Vol |
| FILL | 3.62 | 103.73 | 1400.48 |

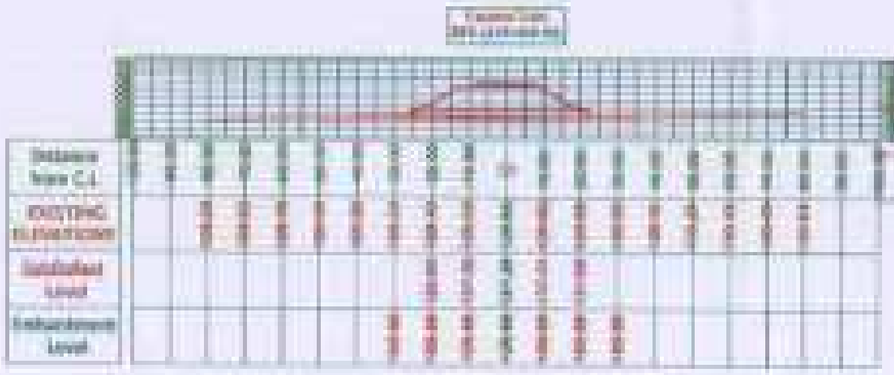
| Total Volume at Station 225+840.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
| FILL | 10.67 | 134.90 | 1535.29 |

| Total Volume at Station 225+860.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
| FILL | 23.93 | 347.98 | 1883.23 |

| Total Volume at Station 225+880.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
| FILL | 20.60 | 448.13 | 2329.39 |

Total Volume at Station 225+000.00

| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 22.65 | 433.59 | 3763.78 |




Total Volume at Station 225+920.00

| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 12.17 | 348.20 | 3110.98 |

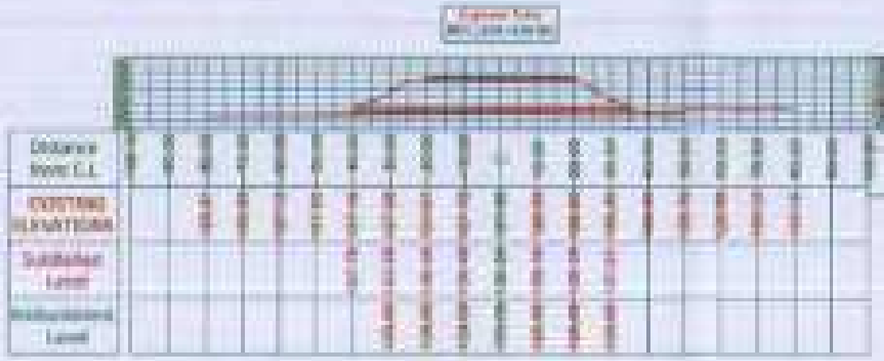
Total Volume at Station 226+940.00

| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 0.00 | 121.68 | 3232.64 |

| Total Volume at Station 226+050.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
| FILL | 78.45 | 764.48 | 3597.11 |

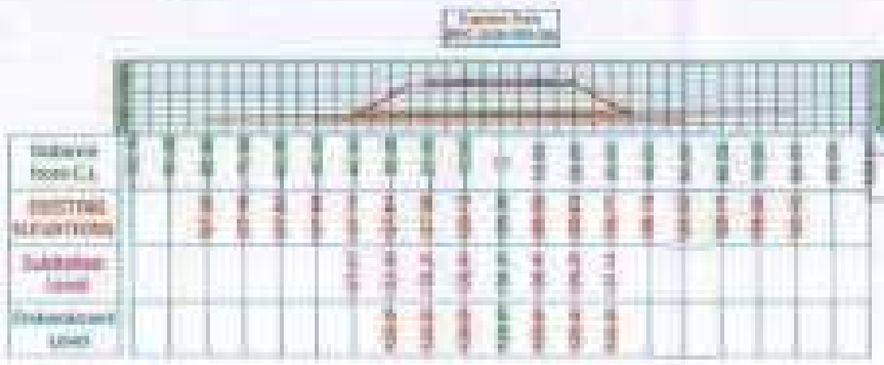
| Total Volume at Station 226+080.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
| FILL | 78.94 | 1553.86 | 5550.97 |

| Total Volume at Station 226+300.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
| FILL | 107.34 | 1882.82 | 7413.79 |




| Total Volume at Station 226+320.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol. | Cum. Fill Vol |
| FILL | 67.08 | 1944.28 | 9358.07 |

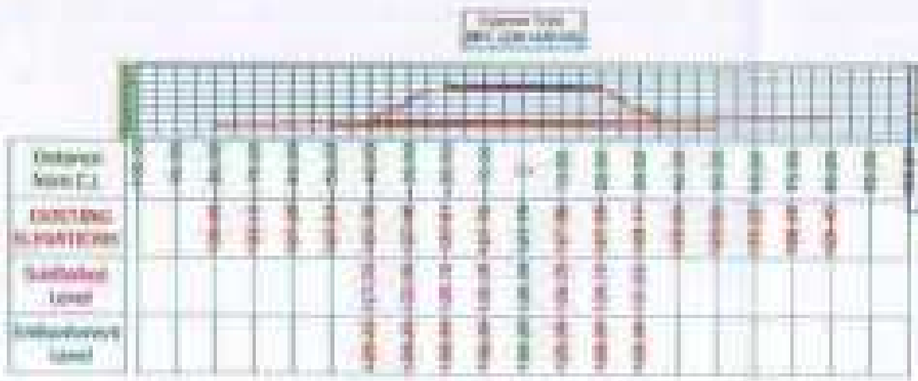
| Total Volume at Station 226+340.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol. | Cum. Fill Vol |
| FILL | 36.42 | 1435.06 | 10793.18 |



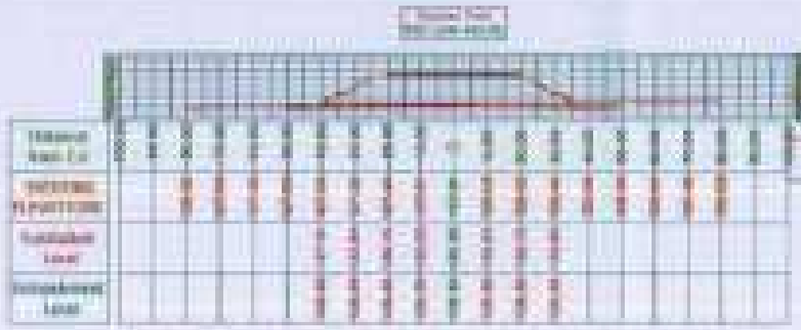

| Total Volume at Station 226+360.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol. | Cum. Fill Vol |
| FILL | 54.68 | 1113.00 | 11906.18 |

| Total Volume at Station 226+380.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
| FILL | 55.29 | 1101.64 | 13027.79 |

| Total Volume at Station 226+400.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
| FILL | 58.65 | 1139.43 | 14147.22 |




| Total Volume at Station 226+420.00 | | | |
|---|---|---|---|
| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
| FILL | 46.32 | 1049.76 | 15196.98 |

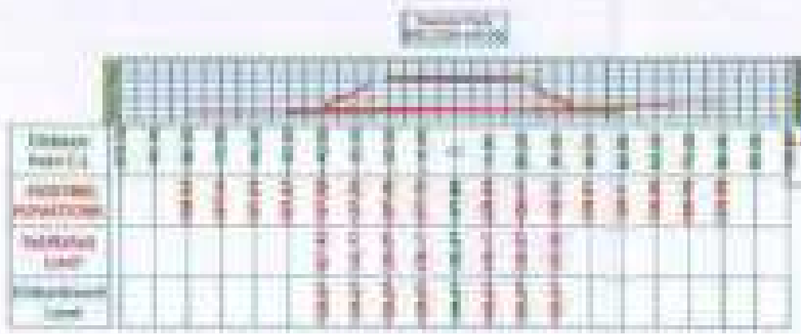


Total Volume at Station 228+440.00

| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 44.29 | 906.08 | 98103.07 |

Total Volume at Station 228+460.00

| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 48.47 | 926.94 | 170030.01 |



Total Volume at Station 228+480.00

| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 36.53 | 843.38 | 171877.39 |

Total Volume at Station 328+500.00

| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 34.95 | 712.83 | 18589.22 |

Total Volume at Station 328+520.00

| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 42.04 | 769.92 | 19360.14 |

Total Volume at Station 328+540.00

| Material Name | Fill Area | Fill Vol | Cum Fill Vol |
|---|---|---|---|
| FILL | 31.08 | 731.31 | 20091.35 |

| Distance from C.L. | -100.00 | -90.00 | -80.00 | -70.00 | -60.00 | -50.00 | -40.00 | -30.00 | -20.00 | -10.00 | 0 | 10.00 | 20.00 | 30.00 | 40.00 | 50.00 | 60.00 | 70.00 | 80.00 | 90.00 | 100.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING ELEVATIONS | | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | |
| SubBallast Level | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | | | | |
| Embankment Level | | | | | | | | | | | | | | | | | | | | | |

| Total Volume at Station 226+560.00 | | | |
|---|---|---|---|
| Matrial Name | Fill Area | Fill Vol | Cum Fill Vol |
| FILL | 0.00 | 310.80 | 20402.15 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 323+548 | 0 | 311.73 | 318.32 | | 313.73 | |
| 323+568 | 81.37 | 1811.38 | 1805.98 | | 1812.38 | |
| 323+589 | 69.81 | 1899.18 | 1925.31 | | 1899.18 | |
| 323+609 | 85.55 | 1895.87 | 6418.32 | | 1891.17 | |
| 323+629 | 78.27 | 1956.91 | 5777.45 | | 1958.91 | |
| 323+648 | 38.42 | 867.03 | 5643.37 | | 867.03 | |
| 323+660 | 0 | 901.75 | 8567.11 | | 901.75 | |
| 323+749 | 0 | 771.48 | 7718.68 | | 771.48 | |
| 323+769 | 21.13 | 594.57 | 8593.17 | | 594.57 | |
| 323+789 | 71.11 | 1377.32 | 9580.49 | | 1377.32 | |
| 323+808 | 66.41 | 1323.46 | 10790.55 | | 1320.46 | |
| 323+828 | 39.62 | 1911.09 | 11881.04 | | 1912.09 | |
| 323+848 | 46.45 | 1943.53 | 12645.57 | | 1943.53 | |
| 323+868 | 57.84 | 1287.75 | 14135.32 | | 1287.75 | |
| 323+888 | 76.93 | 1387.42 | 15130.04 | | 1387.42 | |
| 323+908 | 83.41 | 1375.32 | 16097.00 | | 1375.32 | |
| 323+928 | 69.81 | 1308.41 | 18181.07 | | 1308.41 | |
| 323+948 | 0 | 990.19 | 18776.71 | | 990.74 | |
| 323+969 | 0 | 8.76 | 18785.47 | | 8.76 | |
| 323+988 | 0.00 | 95.18 | 18870.65 | | 95.18 | 36179.00 |
| 324+009 | 7.04 | 175.68 | 19003.33 | | 175.68 | |
| 324+029 | 10.31 | 261.45 | 19131.78 | | 261.45 | |
| 324+048 | 23.81 | 338.75 | 19232.14 | | 338.75 | |
| 324+068 | 0 | 97.58 | 19355.13 | | 97.58 | |
| 324+088 | 0 | 764.82 | 19503.04 | | 764.82 | |
| 324+108 | 70.45 | 1554.35 | 21134.49 | | 1554.35 | |
| 324+128 | 70.47 | 1863.39 | 23777.79 | | 1863.39 | |
| 324+148 | 107.38 | 1944.23 | 25722.30 | | 1944.23 | |
| 324+168 | 87.1 | 1435.98 | 27157.84 | | 1435.48 | |
| 324+188 | 68.82 | 1113.12 | 28271.36 | | 1113.72 | |
| 324+208 | 56.83 | 1032.12 | 29273.88 | | 1032.12 | |
| 324+228 | 55.21 | 1139.86 | 30112.74 | | 1139.86 | |
| 324+248 | 55.68 | 1058.46 | 31364.58 | | 1058.46 | |
| 324+268 | 44.37 | 936.35 | 32375.76 | | 936.36 | |
| 324+288 | 44.23 | 932.39 | 33397.72 | | 932.84 | |
| 324+308 | 48.41 | 857.39 | 34345.08 | | 857.39 | |
| 324+328 | 30.33 | 713.09 | 34953.18 | | 713.88 | |
| 324+348 | 34.98 | 770.17 | 35728.39 | | 770.17 | |
| 324+368 | 43.84 | 731.44 | 36451.77 | | 731.44 | |
| 324+388 | 0 | 111.09 | 36179.00 | | 111.09 | |
| | | | | | | 36921.19 |
| | | | | | | 36775.7 |
| | | | | | | 146.00 |
| | | | | | | 36180.00 |

Material(s) at Station 225+540.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 31.37 | 313.72 | 313.72 |

Material(s) at Station 225+560.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 59.85 | 1012.28 | 1325.98 |

Material(s) at Station 225+580.00

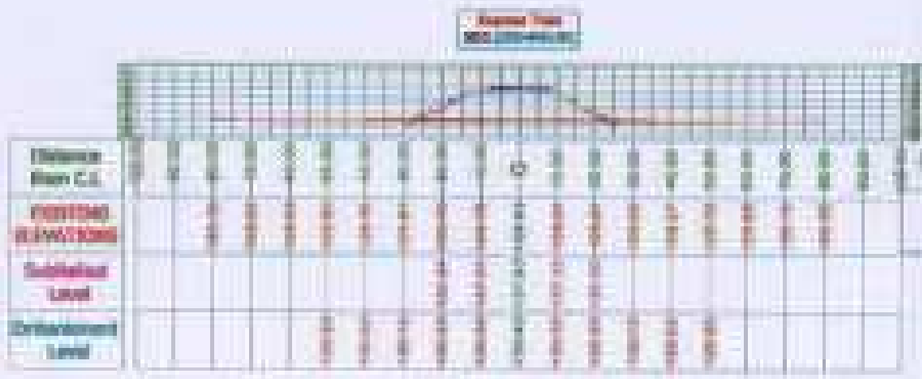
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 80.06 | 1499.18 | 2825.17 |

Material(s) at Station 225+600.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 79.27 | 1593.37 | 4418.54 |

Material(s) at Station 225+620.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 58.62 | 1,358.91 | 5,777.45 |

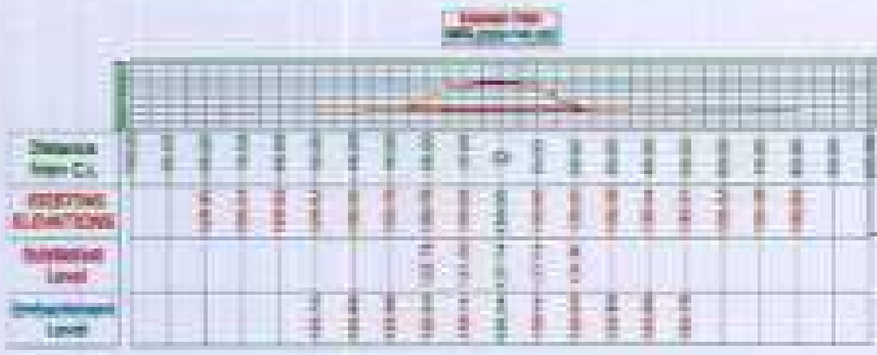



Material(s) at Station 225+640.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 30.17 | 867.93 | 6645.38 |

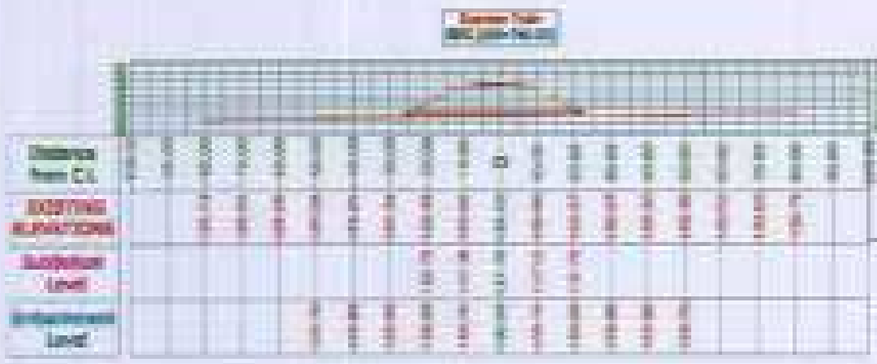
Material(s) at Station 225+660.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 0.00 | 301.75 | 6947.12 |




Material(s) at Station 225+740.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 27.15 | 271.48 | 7218.81 |

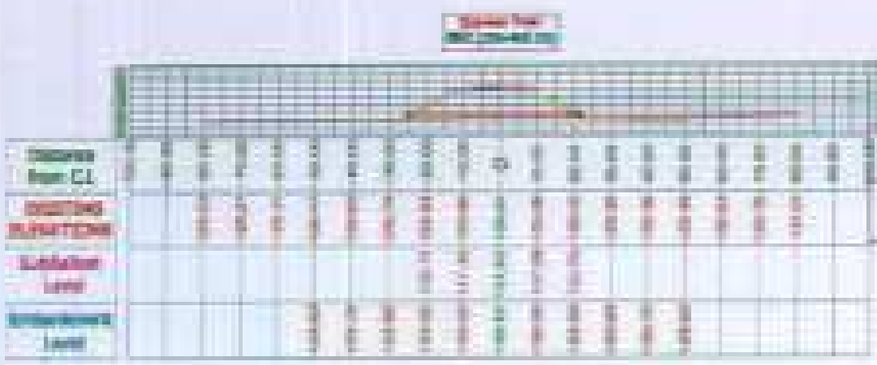



Material(s) at Station 225+760.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 71.31 | 984.57 | 8203.18 |

Material(s) at Station 225+780.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 86.42 | 1377.32 | 9580.50 |

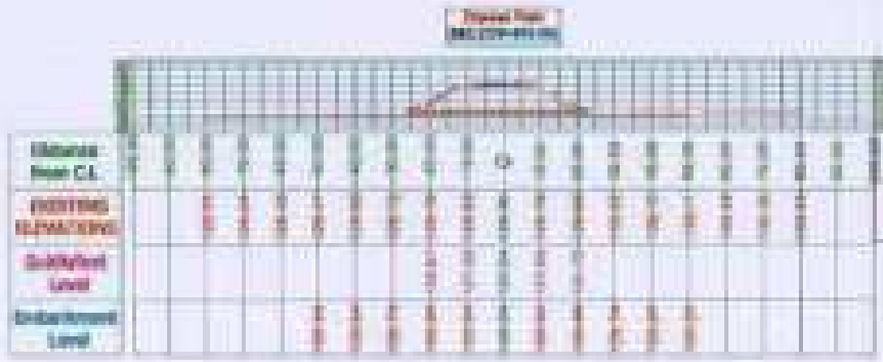



Material(s) at Station 225+800.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 94.62 | 1210.46 | 10790.96 |

Material(s) at Station 225+820.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 46.49 | 1011.09 | 11802.06 |

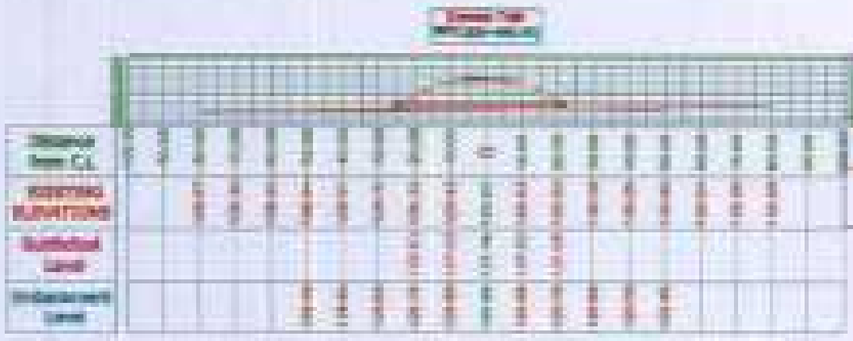


Material(s) at Station 225+840.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 52.84 | 1043.23 | 12845.29 |

Material(s) at Station 225+860.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 70.96 | 1287.95 | 14133.23 |

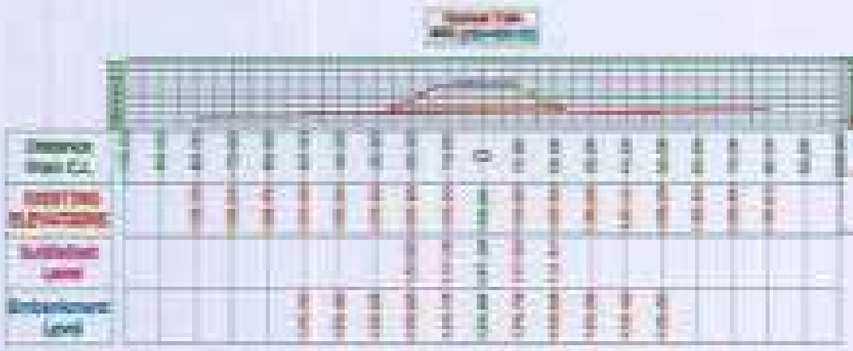


Material(s) at Station 225+880.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 57.81 | 1387.62 | 15520.86 |

Material(s) at Station 225+900.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 68.82 | 1376.22 | 16897.08 |



Material(s) at Station 225+920.00

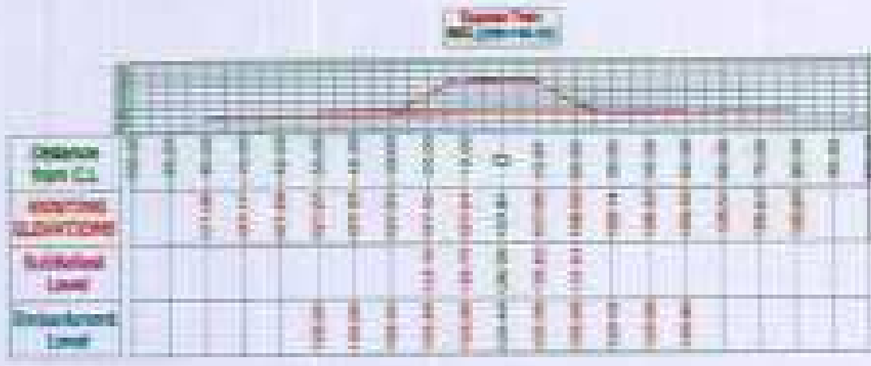
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 58.07 | 1298.91 | 18196.00 |

Material(s) at Station 225+940.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 0.00 | 590.74 | [illegible] |

| Material(s) at Station: 226+120.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 0.98 | 8.76 | 18780.50 |

| Material(s) at Station: 226+140.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 7.64 | 80.76 | 18870.68 |



| Material(s) at Station: 226+160.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 10.53 | 179.68 | 19050.36 |

| Material(s) at Station 226+180.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 15.82 | 261.45 | 19311.81 |

| Material(s) at Station 226+200.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 6.26 | 220.76 | 19532.57 |

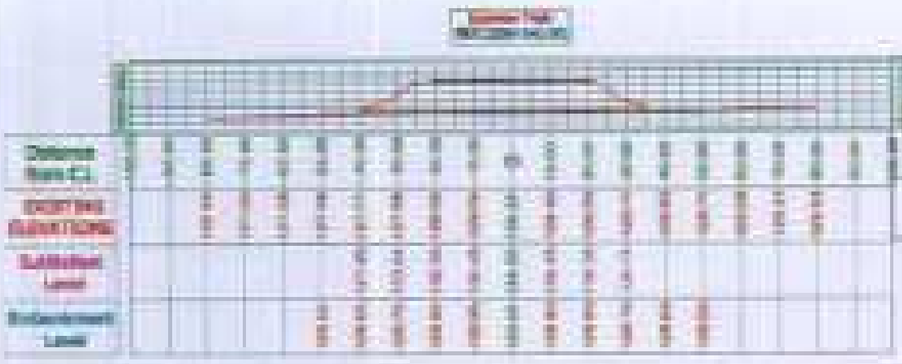
| Material(s) at Station 226+220.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 0.00 | 62.58 | 19595.15 |

| Material(s) at Station 226+240.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 76.48 | [illegible] | 20356.97 |

| Material(s) at Station 226+280.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 78.97 | 1554.50 | 21914.52 |

| Material(s) at Station 226+300.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 107.36 | 1863.30 | 23777.82 |

| Material(s) at Station 226+320.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 87.10 | 1944.57 | 25722.39 |




Material(s) at Station 226+340.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 56.45 | 1455.48 | 27137.87 |

Material(s) at Station 226+360.00

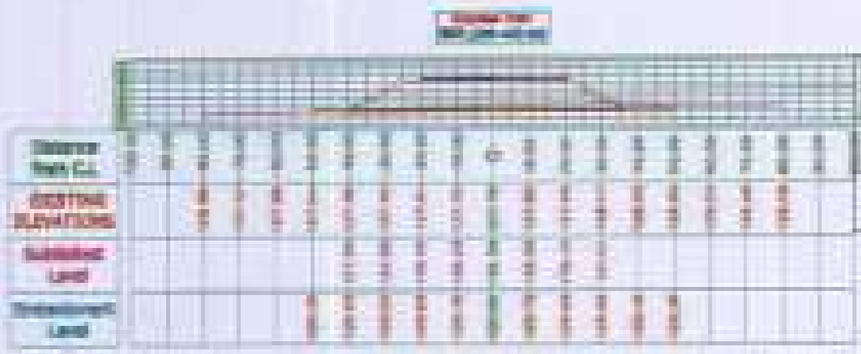
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 54.92 | 1113.72 | 28271.59 |

Material(s) at Station 226+380.00

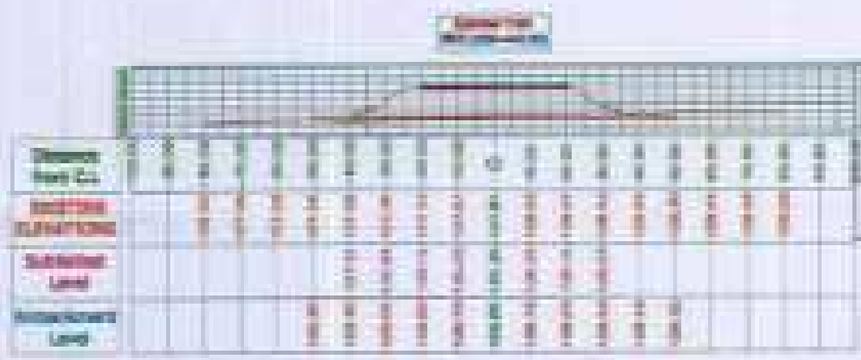
| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 55.31 | 1102.32 | 29373.91 |

Material(s) at Station 226+400.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 55.68 | 1139.86 | 30513.77 |

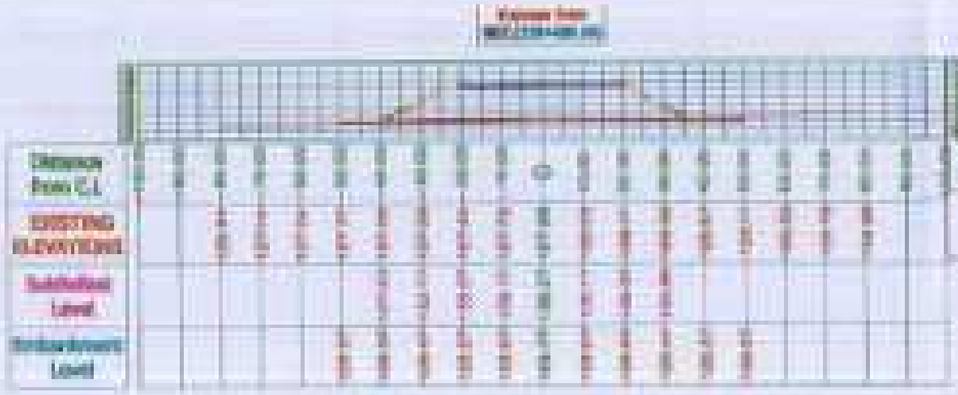


| Material(s) at Station 225+420.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 46.37 | 1050.46 | 31584.32 |



| Material(s) at Station 225+440.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 44.29 | 906.56 | 32490.88 |

| Material(s) at Station 225+460.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 48.41 | 925.94 | 33397.72 |




| Material(s) at Station 226+480.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 36.33 | 847.38 | 34245.09 |

| Material(x) at Station 226+500.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 34.98 | 713.08 | 34958.17 |

| Material(s) at Station 226+520.00 | | | |
|---|---|---|---|
| Material Name | Area | Volume | Cumulative Volume |
| FILL | 42.04 | 770.17 | 35728.34 |

Material(s) at Station 226+540.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 31.10 | 731.44 | 36459.78 |

Material(s) at Station 226+560.00

| Material Name | Area | Volume | Cumulative Volume |
|---|---|---|---|
| FILL | 0.00 | 311.03 | 36770.81 |

| | | | | | | |
|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |