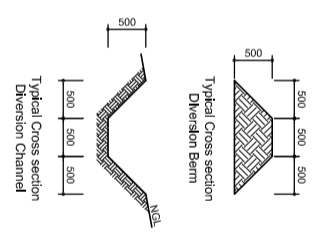


Chaiage	Centreline Ground Levels	Datum 11430.0
0	1159,700	
20	1157,417	
40	1151,101	
60	1147,373	
80	1146,657	
100	1145,897	
120	1145,094	
140	1145,181	
160	1144,868	
180	1146,965	
187.10	1146,837	



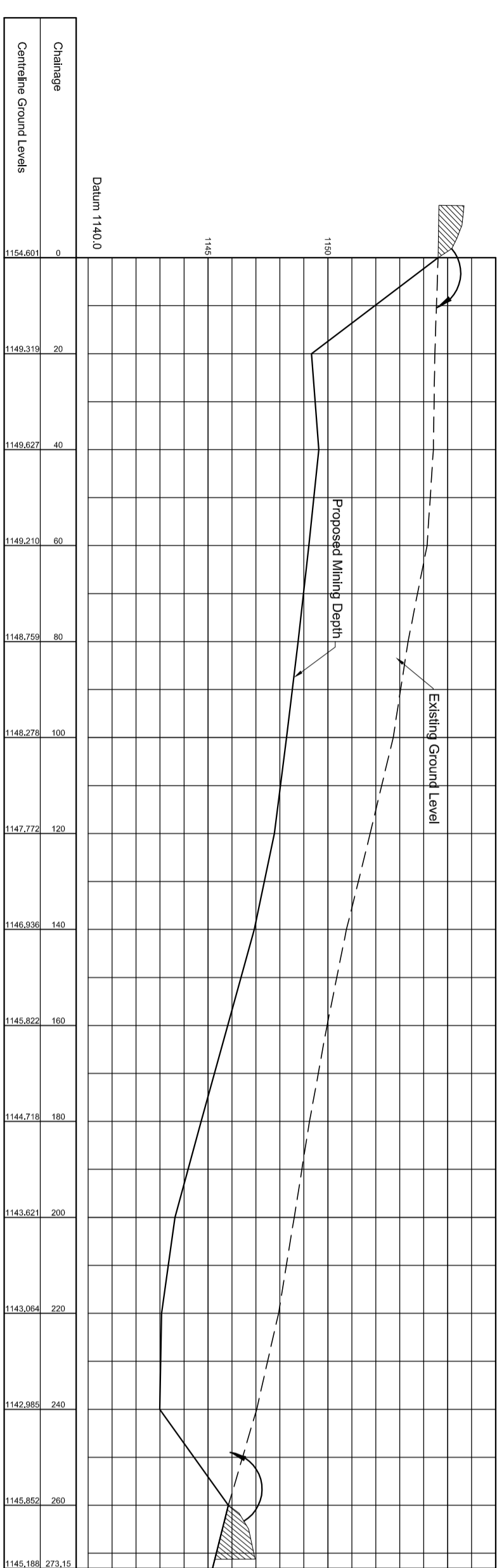
BENCH MARKS - WGS 84			
Code	Y	X	Elevation
NRB119/2011	-92985.42	3540668.18	958.926

EXTENT OF AREA TO BE EXCAVATED = 43 342.816m² PERIMETER = 823.763m			
Code	Y	X	Elevation
A	-92993.86	3540551.92	
B	-92922.70	3540517.80	
C	-92713.98	3540523.53	
D	-92695.88	3540832.38	
E	-92737.70	3540875.72	
F	-92824.89	3540703.56	

FENCE AREA = 58 391.806m² PERIMETER = 1 002.329m			
Code	Y	X	Elevation
F1	-93048.03	3540524.13	
F2	-92985.27	3540480.62	
F3	-92929.44	3540510.09	
F4	-92704.66	3540520.48	
F5	-92669.63	3540641.08	
F6	-92738.40	3540690.35	
F7	-92936.91	3540720.25	



Chaiage	Centreline Ground Levels	Datum 1140.0
0	1154,801	
20	1149,319	
40	1149,627	
60	1149,210	
80	1148,759	
100	1148,278	
120	1147,772	
140	1146,936	
160	1145,822	
180	1144,718	
200	1143,621	
220	1143,064	
240	1142,985	
260	1145,852	
273.15	1145,188	

**LEGEND**

EXTENT TO BE MINED - 134 017.31m²  
 MATERIAL - Weathered Dolomite  
 USE - G7 Selected  
 - Bypasses  
 - Fill

**NOTES**

1. Borrow Pit to be self-draining.
2. Drawing not to be scaled.
3. Topsoil and overburden material to be used for rehabilitation of Borrow Pit.
4. All temporary batters to be maximum 1:1.5 and all finished/rehabilitated batters to be maximum 1:3 (1:3 indicated on drawing).
5. A fence and gate are to secure the area to be worked. See detail drawing for fencing.

<b>CONSTRUCTION ENGINEER</b> Name : XXXXXXXXXXXX Prof Reg No. : 120 1841 1111 Date :		<b>DESIGNED BY</b> Name : G. VAN RENST Prof Reg No. : 2000004 Date :	
<b>CONSULTING ENGINEER</b> Name : XXXXXXXXXXXX Prof Reg No. : 120 1841 1111 Date :		<b>CHECKED BY</b> Name : W. J. DE VRIES Prof Reg No. : 2000004 Date :	
<b>ORIGINAL VERSION</b> Name : XXXXXXXXXXXX Prof Reg No. : 120 1841 1111 Date :		<b>DATE</b> Name : XXXXXXXXXXXX Prof Reg No. : 120 1841 1111 Date :	

<b>WORKING ENGINEER</b> Name : XXXXXXXXXXXX Prof Reg No. : 120 1841 1111 Date :		<b>CONSTRUCTION ENGINEER</b> Name : XXXXXXXXXXXX Prof Reg No. : 120 1841 1111 Date :	
<b>CONSULTING ENGINEER</b> Name : XXXXXXXXXXXX Prof Reg No. : 120 1841 1111 Date :		<b>DESIGNED BY</b> Name : G. VAN RENST Prof Reg No. : 2000004 Date :	
<b>ORIGINAL VERSION</b> Name : XXXXXXXXXXXX Prof Reg No. : 120 1841 1111 Date :		<b>DATE</b> Name : XXXXXXXXXXXX Prof Reg No. : 120 1841 1111 Date :	

<b>PROJECT DESCRIPTION</b> CONTRACT NO. NRA R.001-039-2011/F : REHABILITATION OF R01 SECTION 3 FROM km 24.2 TO km 75 (TARKASTAD) DRAWING NAME : BORROW PIT 3 - EMP		<b>PROJECT NUMBER</b> R.001-039-2011/F START : END :	
<b>THE SOUTH AFRICAN NATIONAL ROADWORKS MATERIAL SOURCES</b> ROADWORKS - MATERIAL SOURCES ROADWORKS - MATERIAL SOURCES ROADWORKS - MATERIAL SOURCES		<b>SCALE</b> : NOT TO SCALE SHEET 1 OF 1	

<b>HEAD OFFICE</b> 48 Tumbolia Avenue Val de Grace Pretoria P.O. Box 415 Pretoria 0001 South Africa Tel: (012) 944 8000		<b>SOUTHERN REGION</b> NRA House Southern Life Gardens 70 Zind Avenue Port Elizabeth 6045 Greenfield P.O. Box 27230 Greenfield Tel: (041) 598 3200	
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