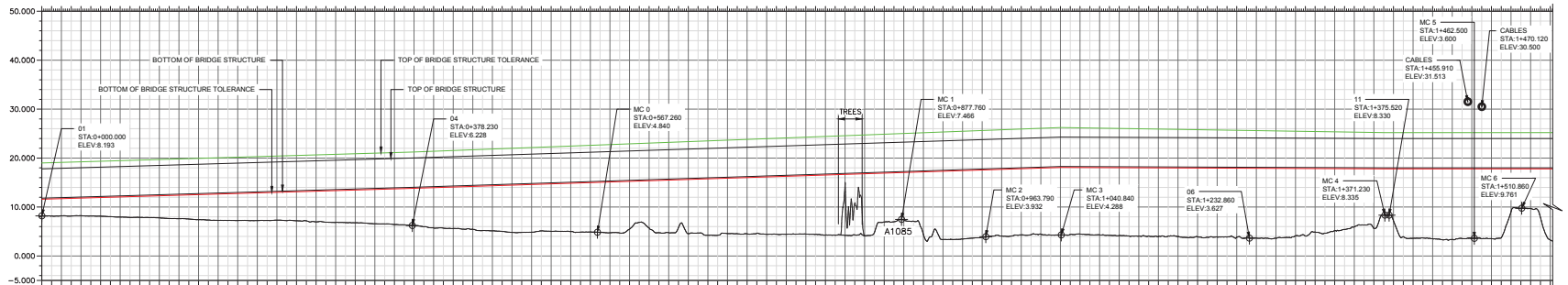
DRG No. PB1586-SK421



DISTANCE (m)	EXISTING LEVEL (m)
10.000	8.164
20.000	8.173
30.000	8.157
40.000	8.220
50.000	8.166
60.000	8.138
70.000	7.960
80.000	7.875
90.000	7.895
100.000	7.755
110.000	7.798
120.000	7.656
130.000	7.629
140.000	7.523
150.000	7.404
160.000	7.347
170.000	7.272
180.000	7.238
190.000	7.239
200.000	7.260
210.000	7.238
220.000	7.218
230.000	7.312
240.000	7.211
250.000	7.188
260.000	7.141
270.000	6.981
280.000	6.901
290.000	6.843
300.000	6.895
310.000	6.710
320.000	6.576
330.000	6.548
340.000	6.367
350.000	6.212
360.000	5.984
370.000	5.719
380.000	5.688
390.000	5.613
400.000	5.470
410.000	5.427
420.000	5.189
430.000	5.129
440.000	5.015
450.000	4.872
460.000	4.862
470.000	4.858
480.000	4.858
490.000	4.858
500.000	4.858
510.000	5.122
520.000	5.029
530.000	5.028
540.000	4.995
550.000	4.874
560.000	4.909
570.000	4.798
580.000	4.753
590.000	4.683
600.000	5.486
610.000	5.707
620.000	5.707
630.000	4.752
640.000	4.763
650.000	4.691
660.000	4.552
670.000	4.691
680.000	4.244
690.000	4.222
700.000	4.544
710.000	4.531
720.000	4.645
730.000	4.423
740.000	4.429
750.000	4.437
760.000	4.429
770.000	4.456
780.000	4.426
790.000	4.426
800.000	4.268
810.000	4.227
820.000	4.216
830.000	4.318
840.000	4.136
850.000	4.769
860.000	6.942
870.000	7.466
880.000	7.382
890.000	7.096
900.000	4.439
910.000	3.964
920.000	3.365
930.000	3.360
940.000	3.454
950.000	3.555
960.000	3.831
970.000	4.054
980.000	4.058
990.000	4.280
1000.000	4.340
1010.000	4.445
1020.000	4.285
1030.000	4.385
1040.000	4.337
1050.000	4.328
1060.000	4.204
1070.000	4.172
1080.000	4.075
1090.000	4.064
1100.000	4.064
1110.000	3.984
1120.000	4.090
1130.000	3.785
1140.000	3.917
1150.000	3.839
1160.000	3.864
1170.000	3.816
1180.000	3.748
1190.000	3.645
1200.000	3.626
1210.000	3.782
1220.000	4.114
1230.000	4.262
1240.000	4.903
1250.000	4.672
1260.000	5.178
1270.000	5.167
1280.000	5.945
1290.000	6.334
1300.000	6.363
1310.000	7.184
1320.000	3.949
1330.000	3.618
1340.000	3.552
1350.000	3.313
1360.000	3.352
1370.000	3.573
1380.000	3.612
1390.000	3.536
1400.000	3.705
1410.000	3.545
1420.000	3.708
1430.000	3.519
1440.000	9.756
1450.000	9.670
1460.000	7.909
1470.000	7.288
1480.000	3.706
1490.000	9.000
1500.000	9.776
1510.000	9.870
1520.000	7.909
1530.000	3.288
1540.000	3.709
1550.000	3.103
1560.000	4.911
1570.000	3.754
1580.000	4.377
1590.000	4.962
1600.000	4.923
1610.000	5.892
1620.000	6.125
1630.000	6.424
1640.000	6.498
1650.000	6.421
1660.000	6.303
1670.000	6.198
1680.000	6.098
1690.000	5.989
1700.000	5.348
1710.000	5.027
1720.000	5.184
1730.000	5.186
1740.000	5.153
1750.000	5.283
1760.000	5.239
1770.000	5.297
1780.000	5.297
1790.000	5.347
1800.000	5.320
1810.000	5.490
1820.000	5.649
1830.000	5.684
1840.000	5.787
1850.000	5.843
1860.000	5.628
1870.000	5.575
1880.000	5.426
1890.000	5.429
1900.000	5.368
1910.000	5.330
1920.000	5.237
1930.000	4.897
1940.000	4.966
1950.000	5.032
1960.000	4.987
1970.000	4.942
1980.000	4.980
1990.000	5.036
2000.000	5.049
2010.000	5.105
2020.000	5.018
2030.000	4.928
2040.000	5.079
2050.000	5.049
2060.000	5.047
2070.000	5.175
2080.000	5.223
2090.000	5.184
2100.000	5.098
2110.000	5.186
2120.000	5.000
2130.000	5.000
2140.000	5.227
2150.000	5.562
2160.000	8.717
2170.000	8.741
2180.000	8.454
2190.000	8.508
2200.000	8.571
2210.000	8.625
2220.000	8.659
2230.000	8.672
2240.000	8.764
2250.000	8.795
2260.000	8.890
2270.000	8.904
2280.000	8.921
2290.000	8.958
2300.000	8.951
2310.000	9.120
2320.000	9.143
2330.000	9.168
2340.000	9.143
2350.000	9.170
2360.000	9.170
2370.000	9.277
2380.000	9.395
2390.000	9.465
2400.000	9.400
2410.000	9.475
2420.000	9.535
2430.000	9.592
2440.000	9.474
2450.000	9.426
2460.000	9.399
2470.000	9.486
2480.000	9.399
2490.000	9.515
2500.000	9.472
2510.000	9.454
2520.000	9.449
2530.000	9.478
2540.000	9.478
2550.000	9.478
2560.000	9.478
2570.000	9.478
2580.000	9.478
2590.000	9.478
2600.000	9.478
2610.000	9.478
2620.000	9.478
2630.000	9.478
2640.000	9.478
2650.000	9.478
2660.000	9.478
2670.000	9.478
2680.000	9.478
2690.000	9.478
2700.000	9.478
2710.000	9.478
2720.000	9.478
2730.000	9.478
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2780.000	9.478
2790.000	9.478
2800.000	9.478
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2820.000	9.478
2830.000	9.478
2840.000	9.478
2850.000	9.478
2860.000	9.478
2870.000	9.478
2880.000	9.478
2890.000	9.478
2900.000	9.478
2910.000	9.478
2920.000	9.478
2930.000	9.478
2940.000	9.478
2950.000	9.478
2960.000	9.478
2970.000	9.478
2980.000	9.478
2990.000	9.478
3000.000	9.478
3010.000	9.478
3020.000	9.478
3030.000	9.478
3040.000	9.478
3050.000	9.478
3060.000	9.478
3070.000	9.478
3080.000	9.478
3090.000	9.478
3100.000	9.478
3110.000	9.478
3120.000	9.478
3130.000	9.478
3140.000	9.478
3150.000	9.478
3160.000	9.478
3170.000	9.478
3180.000	9.478
3190.000	9.478
3200.000	9.478
3210.000	9.478
3220.000	9.478
3230.000	9.478
3240.000	9.478
3250.000	9.478
3260.000	9.478
3270.000	9.478
3280.000	9.478
3290.000	9.478
3300.000	9.478
3310.000	9.478
3320.000	9.478
3330.000	9.478
3340.000	9.478
3350.000	9.478
3360.000	9.478
3370.000	9.478
3380.000	9.478
3390.000	9.478
3400.000	9.478
3410.000	9.478
3420.000	9.478
3430.000	9.478
3440.000	9.478
3450.000	9.478
3460.000	9.478
3470.000	9.478
3480.000	9.478
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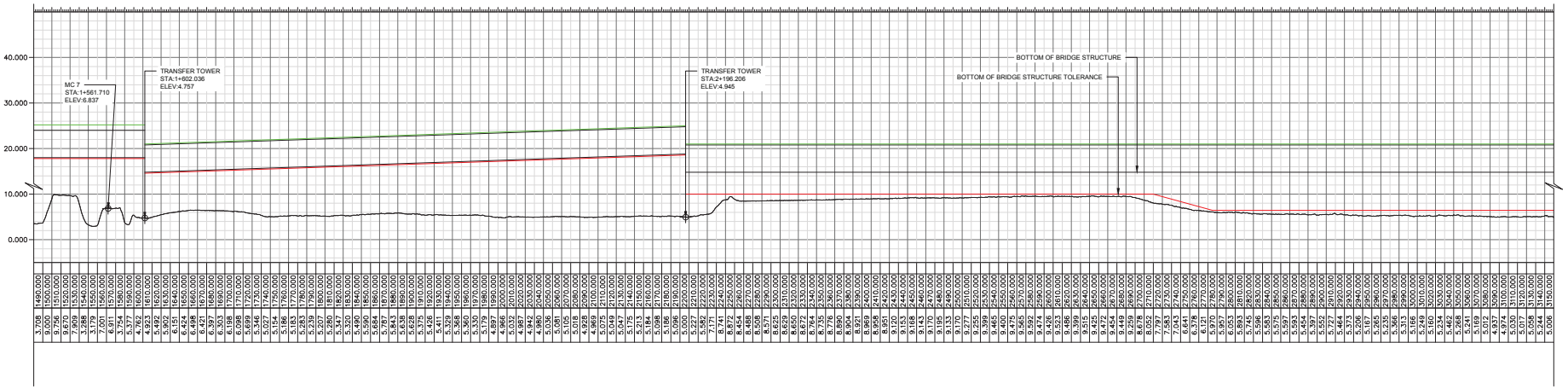

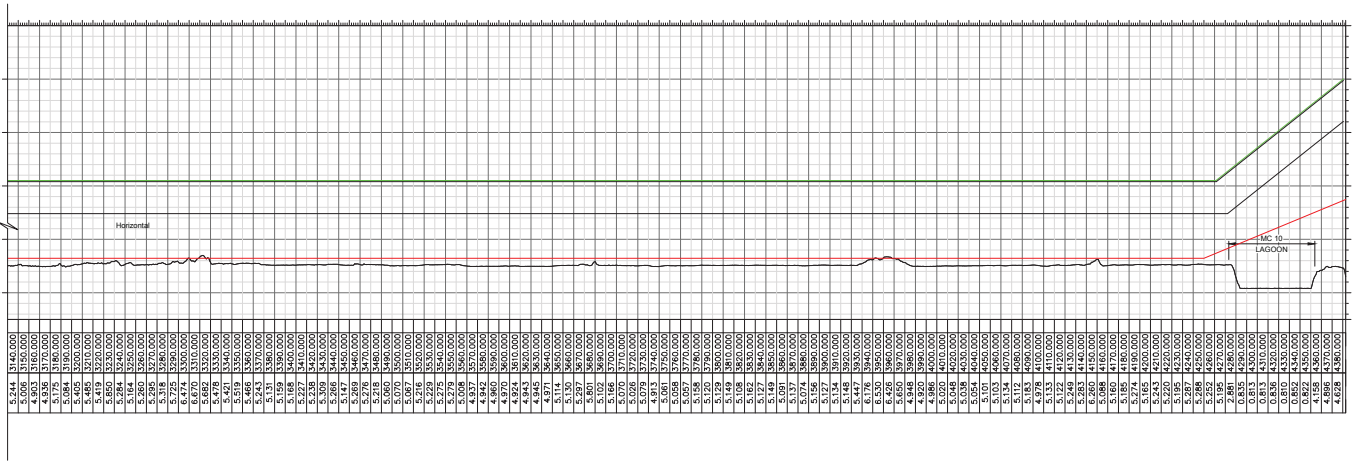

CONVEYOR CLEARANCE AT MAJOR CROSSINGS			
MC	GROUND LEVEL (m) (APPROX.)	SOFFIT LEVEL (m)	NOMINAL * CLEARANCE (m)
MC 0	4.84	15.238	10.4
MC 1	7.47	17.239	9.8
MC 2	3.93	17.793	13.9
MC 3	11.99	19.840	7.85◊
MC 4	8.34	18.000	9.7
MC 5 (CABLES)	30.5 †	24.000 □	5.3 □
MC 6	9.76	18.000	8.24 +
MC 7	6.84	18.000	11.2
MC 10	0.80	VARIES	VARIES

* BASED ON ELLIPTICAL CLADDING, INCLUDES 200mm LIDAR TOLERANCE
⌂ CONVEYOR ROOF LEVEL
□ CLEARANCE UNDER LOWEST CABLE ALLOWING FOR RAISING STRUCTURE
† LOWEST CABLE LEVEL
\+ INCREASES TO 9.4m FOR RAISED STRUCTURE
◊ CLEARANCE ABOVE TOP OF SLEEPER LEVEL

NOTES

1. ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM NEWLYN.
2. TOPOGRAPHICAL SURVEY IS BASED ON LIDAR DATA ACCURATE TO +/- 200mm.
3. THE TOP AND BOTTOM TOLERANCE LINE INCLUDES THE ABOVE 200mm MARGIN.
4. SEE DRAWINGS PB1585-SK490 TO PB1586-SK497 FOR ALIGNMENT.

Major Crossings

MC 1 : Highway A1085	- Pass over in bridge
MC 2 : YPL 1st access road	- Pass over in bridge
MC 3 : Hot metal rail	- Pass over in bridge
MC 4 : NWL 2nd access road	- Pass over in bridge
MC 5 : National Grid powerlines	- Pass under
MC 6 : SSI road embankment	- Pass over in bridge
MC 7 : Network Rail	- Pass over in bridge
MC 10 : Lagoon	- Pass over in bridge

KEY :

TOP OF BRIDGE STRUCTURE TOLERANCE (VERTICAL LIMIT OF DEVIATION)

BOTTOM OF BRIDGE STRUCTURE TOLERANCE (VERTICAL LIMIT OF DEVIATION)

LIDAR GENERATED TOPOGRAPHY LEVEL

REV	DATE	DESCRIPTION	BY	CHK	APP
6	19.03.15	PLANNING ISSUE	LW	DGB	MH
5	16.03.15	PLANNING ISSUE	LW	DGB	MH
4	12.03.15	PLANNING ISSUE	LW	DGB	MH
3	05.03.15	ISSUED FOR INFORMATION	TF	DGB	MH
2	27-02-15	UPPER LIMIT OF DEVIATION RAISED AT MC3	LW	DGB	RWP
1	15-12-14	KEY AND DRAWING TITLE AMENDED	PAW	DGB	RWP
0	12-12-14	FOR PLANNING	PAW	DGB	RWP

REVISIONS

YORKPOTASH
A Sirius Minerals Project

PROJECT
YORK POTASH

TITLE
THE YORK POTASH
HARBOUR FACILITIES ORDER 201X
NORTHERN OPTION - CONVEYOR
VERTICAL LIMITS OF DEVIATION PLANS
LONG SECTION
REGULATION 5(2)(o) DOCUMENT 3.11B

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DRAWN PAW	CHECKED DGB	PASSED RWP	
DATE DEC '14	CLIENT'S REF.		
SCALE AT A1 H 1:2500 V 1:500	AUTOCAD REF. PB1586-SK421		
DRAWING No. PB1586-SK421		REVISION 6	

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