

N4 Collooney to Castlebaldwin, *Proposed Road Development*

APPENDIX NO. 13.3

Cut and Excavate & Replace Impact Summary

PREPARED BY: Minerex Environmental Limited



Document Control

Status	Issued For	Signed	Approved
<i>FINAL</i>	<i>Publication</i>	<i>CQ</i>	<i>CQ</i>

Chainage Ch. from	Chainage Ch. to	Proposed road cut number	Existing Ground Level (maOD)	Site investigation Boreholes				Geology		Cut hydrogeology						
				ID	Ground Level at BH / TP (maOD)	Easting	Northing	Rock Encountered (Y/N)	Gravel Encountered (Y/N)	Max. Cut Depth (FD) (mbGL)	Cut length (m)	Water Level (mbGL) or <i>Water Strike (mbGL) in italics</i>	Depth into water table (+ is cut into, - is not cut into)	Thick ness of Overb urden	Thickness of Saturated Rock being cut into (+ is cut into, - is not cut into)	Thickness of Saturated Overburden being cut into (+ is cut into, - is not cut into)
ROAD CUTS																
2765	2988	1	56	BH2	53.51	169466	322705	N	Y	4	223	2.50	0	2.70	0	0
2765	2988	1	56	BH3	53.51	169466	322705	N	Y	4	223	2.50	0	2.70	0	0
2765	2988	1	56	BH4	53.51	169466	322705	N	Y	4	223	2.50	0	2.70	0	0
2765	2988	1	56	BH5	53.51	169466	322705	N	Y	4	223	2.50	0	2.70	0	0
3041	3148	2	59	BH2	53.51	169466	322705	N	Y	3.6	107	2.50	0	2.70	0	0
3041	3148	2	59	BH2	53.51	169466	322705	N	Y	3.6	107	2.50	0	2.70	0	0
3041	3148	2	59	BH2	53.51	169466	322705	N	Y	3.6	107	2.50	0	2.70	0	0
3041	3148	2	59	BH2	53.51	169466	322705	N	Y	3.6	107	2.50	0	2.70	0	0
3870	4180	3	50	RC06	48.34	169867	321672	Y	Y	3.5	310	3.18	0.33	4.00	0.00	0.33
3870	4180	3	50	RC06	48.34	169867	321672	Y	Y	3.5	310	3.18	0.33	4.00	0.00	0.33
3870	4180	3	50	RC06	48.34	169867	321672	Y	Y	3.5	310	3.18	0.33	4.00	0.00	0.33
4861	5116	4	45	PH11	45.48	170220	320790	N	Y	2.7	255	2.70	0.00	2.70	0.00	0.00
4861	5116	4	45	PH11	45.48	170220	320790	N	Y	2.7	255	2.70	0.00	2.70	0.00	0.00
4861	5116	4	45	PH11	45.48	170220	320790	N	Y	2.7	255	2.70	0.00	2.70	0.00	0.00
5750	6636	5	51	RC301	71.42	172717	317359	Y	N	13.1	886	13.10	0.00	1.00	0.00	0.00
5750	6636	5	51	RC303	71.42	172717	317359	Y	N	13.1	886	13.10	0.00	1.00	0.00	0.00
5750	6636	5	51	RC304	71.42	172717	317359	Y	N	13.1	886	13.10	0.00	1.00	0.00	0.00
7693	7794	6	58.89	PH224	58.89	171869	318609	N	Y	2.3	101	2.30	0.00	2.30	0.00	0.00

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ROAD CUTS																
7693	7794	6	58.89	PH224	58.89	171869	318609	N	Y	2.3	101	2.30	0.00	2.30	0.00	0.00
8137	8404	7	74.08	RC16	68.73	172068	318316	Y	N	7.7	267	15.50	0.00	0.00	0.00	0.00
8137	8404	7	74.08	RC16	68.73	172068	318316	Y	N	7.7	267	15.50	0.00	0.00	0.00	0.00
8964	9233	8	72	RC111	58.38	172717	317359	N	N	7.7	269	2	-	10	0	0.00
8964	9233	8	72	RC111	58.38	172717	317359	N	N	7.7	269	2	-	10	0	0.00
8964	9233	8	72	RC111	58.38	172717	317359	N	N	7.7	269	2	-	10	0	0.00
8964	9233	8	72	RC111	58.38	172717	317359	N	N	7.7	269	2	-	10	0	0.00
10282	10535	9	75.09	RC34	85.89	173725	316941	Y	Y	16.2	253	16.25	0.00	1.30	0.00	0.00
10282	10535	9	75.09	RC34	85.89	173725	316941	Y	Y	16.2	253	16.25	0.00	1.30	0.00	0.00
10282	10535	9	75.09	RC34	85.89	173725	316941	Y	Y	16.2	253	16.25	0.00	1.30	0.00	0.00
10904	11220	10	80.24	RC114	82.81	174311	316688	Y	N	8.7	316	0.00	0.00	15.00	0.00	0.00
10904	11220	10	80.24	RC114	82.81	174311	316688	Y	N	8.7	316	0.00	0.00	15.00	0.00	0.00
10904	11220	10	80.24	RC114	82.81	174311	316688	Y	N	8.7	316	0.00	0.00	15.00	0.00	0.00
11359	11859	11	76.56	RC114	82.81	174311	316688	Y	N	8.2	500	0.00	0.00	2.20	0.00	0.00
11359	11859	11	76.56	RC114	82.81	174311	316688	Y	N	8.2	500	0.00	0.00	2.20	0.00	0.00
11359	11859	11	76.56	RC114	82.81	174311	316688	Y	N	8.2	500	0.00	0.00	2.20	0.00	0.00
12610	13610	12	79.8	RC45	65.46	175062	315655	Y	N	11.2	1000	1.50	9.70	5.70	5.50	4.20
12610	13610	12	79.8	RC45	65.46	175062	315655	Y	N	11.2	1000	1.50	9.70	5.70	5.50	4.20

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ROAD CUTS																
12610	13610	12	79.8	RC45	65.46	175062	315655	Y	N	11.2	1000	1.50	9.70	5.70	5.50	4.20
12610	13610	12	79.8	RC45	65.46	175062	315655	Y	N	11.2	1000	1.50	9.70	5.70	5.50	4.20
SOFT GROUND																
3360	3930	Soft ground	40.7	PH002	40.7	169693	322137	N	Y	4	570	no data	no data	>4	no data	no data
4320	4830	Soft ground	42.52	PH09	42.52	170090	321061	N	Y	4	510	no data	no data	>4	no data	no data
5075	5975	Soft ground	43.81	BH10	43.81	170464	320314	N	N	4.5	900	1.50	3.00	>4.5	0.00	3.00
6420	6680	Soft ground	51.03	RC13	51.03	171054	319385	Y	N	1	260	0.08	0.92	3	0.00	1.00
7220	7770	Soft ground	50.5	PH26	50.5	171562	318817	N	N	6.3	550	no data	no data	>8.2	0.00	no data
9265	9840	Soft ground	57.31	BH28	57.31	172949	317148	N	N	3.4	575	0.50	2.90	3.4	0.00	0.00
10620	10970	Soft ground	62.68	RC38	62.68	174103	316800	Y	N	4.2	350	0.00	4.20	>8	1.80	4.20
11900	12650	Soft ground	65.46	RC45	65.46	175062	315655	Y	N	3.1	750	0.50	2.60	5.7	0.00	2.60
13560	14420	Soft ground	61.77	PH38	61.77	175656	314317	N	N	4.6	860	no data	no data	>4.6	0.00	no data