

APPENDIX F :

TEST PIT SUMMARY SPREADSHEET

MCWAP Phase 2: Vlieepoort - Steenbokpan

* - assumes up to 300mm topsoil scrape

Test Pit	Location		km	Depth to Refusal (m)	% Reusable as Bedding / Soft Backfill*	Stability of sideslopes V:H	Water (m)		Comments
	X Co-ord	Y Co-ord (WG27)					Seepage	Standing Level	
P2/23	2721541	-33303	6.000	>3.8	0	1:1	n/a	n/a	Pit excavated into highly fractured banded ironstone
P2/22	2717828	-30818	11.000	3.00	53	1:1	n/a	n/a	
P2/21	2713729	-27843	15.700	3.10	61	1:1	n/a	n/a	
P2/20	2702414	-41236	35.200	2.10	0	1:1	n/a	n/a	
P2/19	2700403	-40643	37.200	2.30	0	1:1	n/a	n/a	
P2/18A	2698197	-45529	42.600	>4.0	28	1:1	n/a	n/a	Start of rail section
	2698097	-45529	42.700	>4.1	28				Borrow pit - 1500 sand over weakly cemented calcrete to 4000
	2694697	-45559	46.100	>2.5	60				Start of cutting (max depth 2.5m - all sand)
P2/18	2693663	-45582	47.100	2.80	57	1:1	n/a	n/a	Pit excavated on top of cutting
	2692163	-45587	48.600	>2.5	60				End of cutting
P2/17	2690603	-45598	50.300	2.80	43	1:1	n/a	n/a	
P2/16	2686375	-45642	54.400	>3.8	11	1:1	n/a	n/a	
	2685875	-45644	54.900	0.00	0				Start of cutting (max depth 3m - all sandstone)
	2685175	-45650	55.600	0.00	0				End of cutting
	2683175	-45666	57.600	2.00	100				Start of cutting (max depth 2m - all sand)
	2682487	-45677	57.900						Borrow pit - 2000 sand over ferricrete (over shale?)
	2682287	-45677	58.100	2.00	100				End of cutting
P2/15	2681487	-45686	58.900	2.80	0	1:1	n/a	n/a	
	2680287	-45696	60.100	1.00	100				Start of cutting (max depth 5m - 1m sand over sandstone)
	2678687	-45710	61.700	1.00	100				End of cutting
P2/14	2676897	-45454	63.700	0.70	0	1:1	n/a	n/a	
	2675834	-45170	64.800						Borrow pit - identified on air photo (could not be seen from rail reserve)
	2674675	-44859	66.000	1.50	0				Start of cutting (max depth 3m - shaley sandstone)
	2672936	-44394	67.800	1.50	0				End of cutting
P2/13	2672782	-44389	68.000	1.70	0	1:1	n/a	n/a	
	2670464	-43768	70.400	1.50	0				Start of cutting (max depth 1.5m - diabase and sandstone)
	2669595	-43535	71.300	1.50	0				End of cutting
	2668726	-43302	73.200	0.00	0				Start of cutting (max depth 6m - all sandstone)
P2/12	2666964	-42892	73.900	0.50	0	1:1	n/a	n/a	
	2665998	-42633	74.900	0.00	0				End of cutting
	2663889	-42231	76.900	2.50	90				Start of cutting (max depth 4m - sand over calcrete)
P2/11	2663495	-42162	77.300	2.80	86	1:1	n/a	n/a	
	2662609	-42006	78.200	2.50	90				End of cutting
	2659289	-41999	81.900						Borrow pit - 2000 sand over calcrete gravel to 4500
P2/10	2658895	-41364	82.300	3.50	71	1:1	n/a	n/a	

* - assumes up to 300mm topsoil scrape

[illegible]