

# AGGREGATE TEST HOLE SUMMARY SHEET

PIT: RUBY LK.

DISTRICT: HOWE SOUND

FILE No: 1567A/0194

I estpit Number	Overburden Depth	Soil Bound. (mm)	Soil Classification	Gradation of Materials								Soundness Indicator				Material at Bottom of Hole	Watertable (m)	Remarks	
				75/150 (mm)	150/225 (mm)	+ 225 (mm)	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Degrad.	Sand Equivalent	MgSO4				
											A (%)	B(%)			CA				FA
90-1	0.5	0.0/0.5	GPGM					60	33	7									FVI
		0.5/4.5	GP	5	2	2	375	55	41	4			68	80					WSA
		4.5/5.0	SP					33	65	2							SP		FVI
90-2		0.0/0.5	CR																FVI, CRUSH
		0.5/6.0	GP	5	3	2	750	64	34	2	94				2.5	7.4	GP		WSA
90-3		0.0/3.0	GP	10	8	5	750	74	24	2			71	85					WSA
		3.0/4.0	SP					46	53	1									WSA
		4.0/6.0	GP					60	39	1							GP		FVI
90-4	2.0	0.0/2.0	OB					55	35	10									FVI, PIT OVERBURDEN
		2.0/4.0	OS														OS		FVI, REJECT OVERSIZE BOULDERS
90-5		0.0/6.0	GP	5	2	2	875	57	41	2			84	86			GP		WSA
90-6	0.8	0.0/0.8	GM2					50	30	20									FVI
	2.0	0.8/2.0	SM2					10	70	20									FVI
		2.0/6.0	GPGM	4	2	1	375	48	47	5					8.1	18.3	GPGM		WSA

FVI= Field Visual Identification

WSA= Washed Sieve Analysis

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				75/150 (mm)	150/225 (mm)	+ 225 (mm)	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Degrad.	Sand Equivalent	MgSO4				
											A (%)	B(%)			CA				FA
90-7	0.5	0.0/0.5	TS					10	30	60									FVI
	1.5	0.5/1.5	GM1					65	20	15									FVI
		1.5/6.0	GP	6	3	2	750	54	43	3			34	86			GP		WSA
90-8		0.0/5.0	GP	8	4	2	700	60	38	2			85	96			GP		WSA
90-9	0.4	0.0/0.4	TS					10	10	80									FVI, ROOTS
		0.4/1.5	GPGM					55	40	5									FVI
		1.5/2.5	GP	4	2	1	300	50	47	3			59	93					WSA
		2.5/3.5	SP					24	75	1									FVI
		3.5/5.0	GP					50	49	1							GP		FVI
90-10	0.4	0.0/0.4	TS					10	10	80									FVI
		0.4/1.3	GPGM					55	40	5									WSA
		1.3/5.0	GP	4	1	1	500	50	47	3							GP		FVI
90-11		0.0/0.8	CR					63	35	2									FVI, CRUSH
	1.2	0.8/1.2	TS					10	10	80									FVI
	3.0	1.2/3.0	GM2					55	20	25									FVI
		3.0/6.0	SPSM	5	2	1	450	44	46	10							SPSM		WSA

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				75/150 (mm)	150/225 (mm)	+ 225 (mm)	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Degrad.	Sand Equivalent				MgSO4			
											A (%)	B (%)						CA	FA		
90-12		0.0/2.0	SP							97	3									FVI	
		2.0/6.0	GP	5	3	1	450	53	45	2			77	100					GP		WSA
90-13		0.0/0.5	SPSM							10	85	5									FVI
		0.5/6.0	SP	7	4	1	450	44	53	3									SP		WSA
90-14		0.0/1.5	GP	5	3	1	750	53	45	2											FVI
		1.5/6.0	SM3					10	60	30									SM3		FVI
90-15		0.0/6.0	GP	7	4	2	750	77	21	2											WSA
		6.0/6.3	SP					44	55	1									SP		FVI
90-16	1.2	0.0/1.2	OB							20	20	60							OB		FVI, PIT OVERBURDEN, STUMPS, ETC
90-17	1.0	0.0/1.0	OB							20	20	60									FVI, PIT OVERBURDEN, STUMPS, ETC
		1.0/2.0	GPGM	4	2	1	300	60	30	10								2.0			FVI
		2.0/2.3	SM3							70	30										FVI
		2.3/5.0	GPGM	4	2	1	300	55	35	10									GPGM		FVI
90-18		0.0/0.8	GP							57	40	3									FVI
		0.8/1.8	SM3							10	60	30									FVI
		1.8/5.0	SM2							30	50	20							SM2		FVI

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				75/150 (mm)	150/225 (mm)	+ 225 (mm)	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Degrad.	Sand Equivalent				MgSO4	
											A (%)	B (%)						CA	FA
90-19	0.3	0.0/0.3	TS					20	20	60								FVI	
		0.3/3.0	GPGM	3			150	55	40	5								FVI	
		3.0/5.0	SM3					20	50	30								FVI	
		5.0/6.0	GM1					50	35	15						GM1		FVI	
90-20	0.4	0.0/0.4	TS					20	20	60								FVI	
		0.4/1.3	GPGM					60	30	10								FVI	
		1.3/3.0	SPSM	2			150	36	55	9		33	88					WSA	
		3.0/5.5	GM2					50	25	25						GM2		FVI	
90-21	0.5	0.0/0.5	TS					10	20	70								FVI, ROOTS	
	2.3	0.5/2.3	SM3						70	30								FVI	
	3.5	0.0/3.5	SM1					33	50	17						SM1		FVI	
90-22	0.6	0.0/0.6	TS					10	20	70								FVI	
	3.5	0.6/3.5	SM1					33	50	17						SM1		FVI	

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			75/150 (mm)	150/225 (mm)	+ 225 (mm)	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Degrad.	Sand Equivalent	MgSO4					
										A (%)	B (%)			CA	FA				
99-1	0.5	0.0/0.5	GM1	1				55	30	15								0.0	FVI
		0.5/6.0	GP	5	2	1	375	70	28	2	99		61	76			GP		WSA
99-2		0.0/0.3	SP							98	2								FVI, REJECT SAND
		0.3/1.5	GPGM	4	1	1	375	60	30	10									FVI
		1.5/6.5	GP	6	3	2	500	54	43	2			37	68			GP		WSA
99-3	1.5	0.0/1.5	O/S																FVI, PIT OVERSIZE
		1.5/3.5	GP	3	1	1	300												FVI
		3.5/?	BRX														BRX		FVI, BEDROCK
99-4		0.0/5.5	GP	3	1	1	300	54	45	1	100								WSA
		5.5/?	BRX														BRX		FVI, BEDROCK
99-5		0.0/0.7	GPGM																FVI
		0.7/6.0	GP	4	2	1	375	61	36	3			68	80			GP	1	WSA
99-6		0.0/6.3	GP	5	3	2	700	57	39	4	99						GP		WSA
99-7	1.5	0.0/1.5	SM1					15	70	15									FVI
		1.5/6.0	SPSM	1			75	31	61	8							SPSM		WSA

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				75/150 (mm)	150/225 (mm)	+ 225 (mm)	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Degrad.	Sand Equivalent	MgSO4				
											A (%)	B(%)			CA				FA
99-8		0.0/6.5	GP	5	3	2	500	54	43	2							GP		WSA
99-9	0.1	0.0/0.1	TS					5	15	80									FVI
		0.1/0.7	GPGM					55	35	10									FVI
		0.7/6.5	GP	4	1	1	300	49	49	2	100		79	82			GP		WSA
99-10	0.2	0.0/0.2	TS					5	15	80									FVI
		0.2/0.6	GPGM					55	35	10									FVI
		0.6/6.5	GP	5	3	1	450	54	44	2			71	77			GP		WSA
99-11	0.1	0.0/0.1	TS					5	15	80									FVI
		0.1/0.3	GPGM					55	35	10									FVI
		0.3/3.5	GP	4	2	1	300	63	35	2									FVI
		3.5/?	BRX														BRX		FVI, BEDROCK
99-12	0.2	0.0/0.2	TS					5	15	80									FVI
		0.2/0.3	GPGM					55	35	10									FVI
		0.3/?	BRX														BRX		FVI, BEDROCK
99-13	0.3	0.0/0.3	TS					5	15	80									FVI
		0.3/0.6	GPGM					55	35	10									FVI
		0.6/6.0	GP	6	3	1	375	52	46	2					2.76	7.01	GP		WSA

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				75/150 (mm)	150/225 (mm)	+ 225 (mm)	Maximum Size (mm)	Gravel	Sand	Fines	Fracture		Degrad.	Sand Equivalent				MgSO4	
											A (%)	B(%)						CA	FA
99-14	0.5	0.0/0.5	GC1					65	20	15							FVI		
		0.5/?	BRX												BRX		FVI, BEDROCK		
99-15	0.3	0.0/0.3	TS					5	15	80							FVI		
		0.3/0.5	GPGM					55	35	10							FVI		
		0.5/3.0	GP					63	35	2							FVI		
		3.0/4.0	BLDRS												BLDRS		FVI, BOULDERS		
99-16	1.0	0.0/1.0	OB														FVI, PIT OVERBURDEN		
		1.0/3.0	GP	5	2	1	450	65	31	4							FVI		
		3.0/3.3	CL						10	90							FVI		
		3.3/6.0	GP	5	2	1	450	65	31	4					GP		FVI		
99-17		0.0/6.0	GPGM	6	3	2	500	54	37	9		57	36		GPGM		WSA		
99-18		0.0/4.0	GPGM	6	4	3	1150	65	30	5					GPGM		WSA		