

Renison Ltd

REVERSE CIRCULATION DRILL LOG

HOLE LAF6

LAFFERS OPTION - North Heemskirk

DATE : 15 January 1997

SURFACE RL : 178m

COLLAR CO-ORDINATES : 5369405mN/345230mE

BIT DIAMETER : 15cm

BASEMENT RL : 135.5m

DIAMOND DRILLING TAS PTY LTD - TRACK-MOUNTED UDR 650 RIG

THEORETICAL VOLUME : 10.4 l/m

DEPTH TO BASEMENT : 42.5m

GEOLOGIST / SAMPLE WASHER : Revel Munro

DRILLING METHOD : RC/DTHH (face-sampling) bit

DEPTH DRILLED : 43m

DRILLER : Tony Cherry

Whole of Hole Grade (g SnO2/cu m)	109.7
Whole of Alluvials Grade (g SnO2/cu m)	143.5

DEPTH (m)		THEORET VOL (l)	REC VOL (l)	PANNED CON (g)	CON. Sn ASSAY (%)	CALC. SnO2 WEIGHT (g)	GRADE (g SnO2/m3)	CUM GRADE	OVERSIZE LITHOLOGY	SAMPLE LITHOLOGY	OVERSIZE (%)
FROM	TO										
0.0	2.0	20.8					0.00	0.0	Not sampled	Basalt (fresh)	
2.0	4.0	20.8					0.00	0.0	Not sampled	Basalt (fresh)	
4.0	6.0	20.8					0.00	0.0	Not sampled	Basalt (fresh)	
6.0	8.0	20.8					0.00	0.0	Not sampled	Basalt (fresh)	
8.0	10.0	20.8					0.00	0.0	Not sampled	Basalt (fresh)	
10.0	12.0	20.8	15	345.5	0.01	0.05	3.18	0.5	Basalt frag	Basalt (fresh); 11.0m gy silt	
12.0	14.0	20.8	18	250.5	0.01	0.03	1.92	0.7	Rounded qtz,qtz/tour,sub-rnd. slst,drift	Gy silt, OS	50
14.0	16.0	20.8	10	285.5	0.13	0.51	51.19	7.0	Drifts-qtz,qtz/tour,ang. qtz/tour,v. qtz	Gy gritty silt,OS	70
16.0	18.0	20.8	25	345.0	0.26	1.24	49.49	11.8	Sub-rnd. qtz/tour,ang. qtz,v. qtz	Gy gritty silt,OS	
18.0	20.0	20.8	19	239.0	0.38	1.25	65.93	17.2	Ang. qtz. rnd. qtz/tour, fine to gritty slst	Gy silt,OS	60
20.0	22.0	20.8	15	209.0	0.27	0.78	51.89	20.3	Qtz,qtz/tour grit, ang. qtz frags	Gy sandy silt,OS	
22.0	24.0	20.8	22	343.5	0.65	3.08	139.98	30.3	Ang. qtz, qtz & qtz/tour grit, ang. slst,qtzite	Gy silt,OS	50
24.0	26.0	20.8	30	279.5	0.91	3.51	116.94	37.0	Ang. qtz, qtz & qtz/tour grit, ang. slst,qtzite	Gy fine sand, fine grit,OS	50
26.0	28.0	20.8	19	370.0	0.32	1.63	85.95	40.5	Ang. qtzite, sub-rnd. qtz, qtz grit, rnd. qtz/tour	Gy silty grit,OS	50
28.0	30.0	20.8	18	284.0	0.25	0.98	54.41	41.4	Qtz grit, sub-rnd. qtz & qtzite		
30.0	32.0	20.8	29	253.5	0.43	1.50	51.85	42.0	Qtz grit, sub-rnd. qtz & qtzite, qtz/tour grit	OS,gy silt	70
32.0	34.0	20.8	22	384.5	0.24	1.27	57.86	43.0	Qtz grit, sub-rnd. qtz & qtzite, qtz/tour grit	OS,gy silt,c sand,grit	60
34.0	36.0	20.8	26	353.5	1.07	5.22	200.66	51.7	Qtz grit, sub-rnd. qtz & qtzite, qtz/tour grit	OS,gy silt	50
36.0	38.0	20.8	15	200.0	0.54	1.49	99.31	54.2	Sub-rnd. qtz, qtz & qtz/tour grit, rnd. qtzite	Gritty gy silt,OS	60
38.0	40.0	20.8	35	378.0	4.16	21.69	619.70	82.5	Rnd. qtz/tour, qtzite, slst, qtz drift	Gritty gy silt,OS	60
40.0	42.0	20.8	43	242.5	6.83	24.35	442.81	99.7	Ang. qtzite, qtz/tour & qtz drift	Gritty gy silt, OS. 41.0 gy silt	40
			12	228.0	0.48					Second sample bin for 2m interval	
42.0	43.0	10.4	17	279.5	1.05	4.05	238.11	108.4	Shale frag, ang. qtz, dk hornfels	Soft gy carb. shale	15

- NOTE:**
- Factor of 72.5% applied to calculate SnO2 grade, in g per cu m, from XRF Sn assay of panned concentrate.
 - Tin grades contained in sample interval at or below logged basement depth are added into alluvial sequence above.
 - Sample lithologies are listed in order of abundance.
 - OS = oversize (ie +3.5mm), v = vein material, tour = tourmaline.
 - Drift = sub-angular, equigranular particles with average diameter of approx. 4mm; frequently derived from granitic rocks.
 - Bird's eye gravel = well-rounded granules and pebbles, frequently comprised of quartz.

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