Renison Ltd REVERSE CIRCULATION DRILL LOG **HOLE : LAF 16**

LAFFERS OPTION - North Heemskirk

DATE : 17 January 1997 | SURFACE RL : 177m

COLLAR CO-ORDINATES : 5370650mN/344770mE | BIT DIAMETER : 15cm | BASEMENT RL : 167.2m

DIAMOND DRILLING TAS PTY LTD - TRACK-MOUNTED UDR 650 RIG | THEORETICAL VOLUME : 10.4 l/m | DEPTH TO BASEMENT : 9.8m

GEOLOGIST / SAMPLE WASHER : Revel Munro | METHOD : RC/DTHH (face-sampling) bit | DEPTH DRILLED : 11m

DRILLER : Tony Cherry

Whole of Hole Grade (g SnO2/cu m)	18.0

DEPTH (m) FROM	TO	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 (%)
0.0	2.0	20.8	3	149.5	0.02	0.04	13.75	13.7	Qtz, qtzite drift, bird's eye qtz, sub-ang. qtz frag	Surface wash, gy/cream silt	
2.0	4.0	20.8	0				0.00	6.9		No sample recovered	
4.0	6.0	20.8	7	204.5	0.01	0.03	4.03	5.9	Wash	Sub-ang. sist, qtz; qtzite drift, wood,ang. qtz; v.	60
6.0	8.0	20.8	2	196.5	0.04	0.11	54.21	18.0	Br silt, wood, wash	Wood, ang qtz, qtz drift, rnd. qtz/tour	20
8.0	10.0	20.8	24	196.0	0.12	0.32	13.52	17.1	Dk br silt	Ang. qtzite, qtzite, qtz drift, ang. siltstone	50
10.0	11.0	10.4	25	168.0	0.03	0.07	2.78	16.1	Soft lt gy silt, siltstone	Siltstone, dk v. qtz	60

NOTE:

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

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