Renison Ltd **REVERSE CIRCULATION DRILL LOG** **HOLE LAF2**

LAFFERS OPTION - North Heemskirk

COLLAR CO-ORDINATES : 5369720mN/345855mE

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

GEOLOGIST / SAMPLE WASHER : Revel Munro

DRILLER : Tony Cherry

DATE : 13 January 1997

BIT DIAMETER : 15cm

THEORETICAL VOLUME : 10.4 l/m

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

SURFACE RL : 181m

BASEMENT RL : 163.5m

DEPTH TO BASEMENT : 17.5m

DEPTH DRILLED : 19m

Whole of Hole Grade (g SnO2/cu m)	3.5

DEPTH (m)		THEORET.	REC.	PANNED	CON. Sn	CALC. SnO2	GRADE	CUM.	OVERSIZE	SAMPLE	OVERSIZE
FROM	TO	VOL. (l)	VOL. (l)	CON. (g)	ASSAY (%)	WEIGHT (g)	(g SnO2/m3)	GRADE	LITHOLOGY	LITHOLOGY	(%)
0.0	2.0	20.8	10	255.0	0.04	0.14	14.07	14.1	Stained v. qtz, ang. milky qtz & qztite frags	Br silty OS	15
2.0	4.0	20.8	13	219.5	0.01	0.03	2.33	8.2	Milky qtz, Fe stained qtz, sst, tour/qtz.	Cream silty OS	70
4.0	6.0	20.8	19	303.0	0.02	0.08	4.40	6.9	Ang. v. qtz, milky qtz, sst	Lt gy silt	60
6.0	8.0	20.8	15	201.5	BLD	0.00	0.00	5.2	Ang. v. qtz, milky qtz, sst	Mainly OS	75
8.0	10.0	20.8	10	241.0	0.01	0.03	3.32	4.8	Ang. v. qtz, milky qtz, sst	Cream gritty silt, OS	60
10.0	12.0	20.8	26	268.5	0.02	0.07	2.65	4.5	Ang. v. qtz, milky qtz, sst, dk siltstone	Lt gy silt, wood	70
12.0	14.0	20.8	18	159.0	0.05	0.11	6.09	4.7	Ang. qtz & qtzite	Gy silt, clay, wood, OS	40
14.0	16.0	20.8	15	203.5	BLD	0.00	0.00	4.1	Ang. qtz & qtzite, py cemented cong	Gy silt, clay, wood, OS	30
16.0	18.0	20.8	26	238.0	BLD	0.00	0.00	3.7	Ang. qtz, qtz grit, qtzite	Gy silt, clay, wood, OS	60
18.0	19.0	10.4	17	306.0	BLD	0.00	0.00	3.5	Dk gy shale frags	Gy silt, clay, wood, OS; 17.5-carbonaceous sh.	30

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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