Renison Ltd **REVERSE CIRCULATION DRILL LOG** **HOLE LAF4**

LAFFERS OPTION - North Heemskirk

COLLAR CO-ORDINATES : 5369515mN/345590mE
DIAMOND DRILLING TAS PTY LTD - TRACK-MOUNTED UDR 650 RIG
GEOLOGIST / SAMPLE WASHER : Revel Munro
DRILLER : Tony Cherry

DATE : 14 January 1997
BIT DIAMETER : 15cm
THEORETICAL VOLUME : 10.4 l/m
METHOD : RC/DTHH (face-sampling) bit

SURFACE RL : 180m
BASEMENT RL : 165m
DEPTH TO BASEMENT : 15m
DEPTH DRILLED : 16m

Whole of Hole Grade (g SnO2/cu m)	19.2

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	224.0	0.10	0.31	30.90	30.9	Ang. v. qtz, qtz	Br clay/silt; sand	60
2.0	4.0	20.8	11	72.5	BLD	0.00	0.00	15.4	Ang. siltstone; laminated in some instances	Lt br clay/silt, sand	50
4.0	6.0	20.8	13	195.0	0.04	0.11	8.28	13.1	Ang. br siltstone, qtzite	Lt br clay/silt; sand; 5.0-gy cy, wood	50
6.0	8.0	20.8	6	287.5	0.01	0.04	6.61	11.4	Fine qtz, v. qtz, qtz grit	Gy/br tight silty cy, wood	25
8.0	10.0	20.8	33	218.5	0.15	0.55	10.08	11.2	Fine qtz, v. qtz grit, fine siltstone	Gy/br tight silty cy, wood	20
			22	247.5	0.03					Second sample bin for 2m interval	
10.0	12.0	20.8	20	337.5	0.01	0.05	2.33	9.7	Wood, siltstone grit, ang. qtz frag	Gy/br tight silty cy, wood; 11.5-sand	50
12.0	14.0	20.8	19	223.0	0.04	0.12	6.48	9.2	Siltstone grit, ang. qtz frag	Gy/br tight silty cy, wood	25
14.0	16.0	20.8	15	210.0	0.41	1.19	79.17	18.0	Ang. qtz; qtzite, py	Gy/br tight silty cy, wood; 14.5-sand/grit	40
										Dk gy carb shale from 15m	

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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