Renison Ltd REVERSE CIRCULATION DRILL LOG **HOLE : LAF15**

LAFFERS OPTION - North Heemskirk

COLLAR CO-ORDINATES : 5370790mN/344850mE
DIAMOND DRILLING TAS PTY LTD - TRACK-MOUNTED UDR 650 RIG
GEOLOGIST / SAMPLE WASHER : Revel Munro
DRILLER : Tony Cherry

DATE : 17 January 1997
BIT DIAMETER : 15cm
THEORETICAL VOLUME : 10.4 l/m
DRILLING METHOD : RC/DTHH (face-sampling) bit

SURFACE RL : 174m
BASEMENT RL : 147m
DEPTH TO BASEMENT : 27m
DEPTH DRILLED : 28m

Whole of Hole Grade (g SnO2/cu m)	18.8

DEPTH (m) FROM	DEPTH (m) 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	0			0.00	0.00	0.0	No sample	Soil and brown gritty silt	
2.0	4.0	20.8	0			0.00	0.00	0.0	No sample	Brown gritty silt	
4.0	6.0	20.8	7	188.5	0.02	0.05	7.43	2.5	Ferricrete, qtz drift	Y/br silty gnt	40
6.0	8.0	20.8	14	234.5	0.02	0.06	4.62	3.0	Ox. qtz; qtzite drift, ferricrete, sub-md. qtz	Y/br silty sand and grit	50
8.0	10.0	20.8	24	293.5	0.07	0.28	11.81	4.8	Ox. ang. qtzite, qtz, qtzite, slst; qtz drift, ang. sls	Lt y/br silty OS	70
10.0	12.0	20.8	11	243.5	0.04	0.13	12.21	6.0	Ox. qtz, qtzite drift, sub-md. qtz; qtzite, ferricret	Lt y/br silty OS	50
12.0	14.0	20.8	32	273.5	0.16	0.60	18.86	7.8	Sub-md. v. qtz; drift; sud-rnd. qtz, qtzite drift, py	Gy silty OS with silt bands	50
14.0	16.0	20.8	17	337.5	0.14	0.65	38.34	11.7	Sub-md. v. qtz, drift; sud-rnd. qtz, qtzite, drift, d	Gy silty OS with silt bands	60
16.0	18.0	20.8	13	266.0	0.09	0.33	25.40	13.2	Sub-md. v. qtz, drift; sud-rnd. qtz, qtz tour, qtzit	Gy silty OS with silt bands	70
18.0	20.0	20.8	27	339.5	0.17	0.80	29.48	14.8	Sub-md. v. qtz, drift; sud-rnd. qtz, qtz tour, qtzit	Gy silty OS with silt bands	80
20.0	22.0	20.8	27	308.0	0.31	1.32	48.78	17.9	Sub-md. v. qtz, drift; rnd., sub-md. qtz, drift, sub	Lt gy sandy silt and OS	50
22.0	24.0	20.8	24	268.0	0.03	0.11	4.62	16.8	Rnd. to ang. v. qtz ,drift	Lt gy sandy OS	80
24.0	26.0	20.8	20	336.5	0.12	0.56	27.85	17.6	Ang. qtz, rnd. to ang. v. qtz, drift	Lt gy sandy OS	70
26.0	28.0	20.8	21	342.5	0.11	0.52	24.75	18.2	No OS	Soft gy weathered siltstone	50

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.

286050