Renison Ltd REVERSE CIRCULATION DRILL LOG **HOLE LAF7**

LAFFERS OPTION - North Heemskirk

COLLAR CO-ORDINATES : 5369405mN/345230mE
DIAMOND DRILLING TAS PTY LTD - TRACK-MOUNTED UDR 650 RIG
GEOLOGIST / SAMPLE WASHER : Revel Munro
DRILLER : Tony Cherry

DATE: 16 January 1997
BIT DIAMETER : 15cm
THEORETICAL VOLUME : 10.4 l/m
DRILLING METHOD : RC/DTHH (face-sampling) bit

SURFACE RL : 183m
BASEMENT RL : 152.5m
DEPTH TO BASEMENT : 30.5m
DEPTH DRILLED : 31m

Whole of Hole Grade (g SnO2/cu m)	39.6
Whole of Alluvials Grade (g SnO2/cu m)	51.4

DEPTH (m) FROM	DEPTH (m) TO (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 (%)
0.0	2.0	20.8	45			0.00	0.00	0.0	No sample	Fresh basalt chips	
2.0	4.0	20.8	45			0.00	0.00	0.0	No sample	Fresh basalt chips	
4.0	6.0	20.8	45			0.00	0.00	0.0	No sample	Fresh basalt chips	
6.0	8.0	20.8	45			0.00	0.00	0.0	No sample	Fresh basalt chips	
8.0	10.0	20.8	20	428.5	0.02	0.12	5.91	1.2	Basalt frags	Fresh basalt chips; 9.0-dk gy cy, silt	80
10.0	12.0	20.8	7	88.5	0.04	0.05	6.98	2.1	Rare soft siltstone	Lt gy cy, silt	5
12.0	14.0	20.8	41	143.0	0.07	0.14	3.37	2.3	Granitic and qtz drift, rnd. siltstone	Dk gy cy, silt	5
14.0	16.0	20.8	13	265.0	0.02	0.07	5.62	2.7	Granitic and qtz drift, rnd. siltstone	Dk br silty cy, wood	40
16.0	18.0	20.8	8	304.0	0.01	0.04	5.24	3.0	Ang. qtz, qtzite, siltstone	Gy/blue silt, coarse sand	10
18.0	20.0	20.8	27	194.0	0.19	0.51	18.83	4.6	Ang. qtz, qtzite, qtz/tour clasts	Gy silt, sandy silt, ang. pebbles	50
20.0	22.0	20.8	13	254.0	0.22	0.77	59.29	9.6	Ang. qtz, sub-rnd. qtz, ang. slst, qtz/tour clasts	Gy sandy silt, pebbles	60
22.0	24.0	20.8	13	197.5	0.23	0.63	48.20	12.8	Ang. qtz, slst,granitic drift, qtz, qtz/tour	Silty gy grit, sand, wash	60
24.0	26.0	20.8	21	359.5	0.88	4.36	207.79	27.8	Rnd. qtz/tour, sub-rnd. qtz, qtzite, ang. qtz	Silty gy grit, sand, wash; 27.0-gy cy, sandy silt	50
26.0	28.0	20.8	33	236.5	1.52	5.68	135.13	35.5	Drift of qtz, slst, qtzite, wood	Gy cy, sandy silt, rnd. wash	5
			9	325.0	0.16					Second sample bin for 2m interval	20
28.0	30.0	20.8	36	273.0	0.69	2.60	72.17	37.9	Sub-rnd. qtz/tour, slst	Gy cy, sandy silt, rnd. wash; 29.0-cr/y cy, silt	50
30.0	31.0	10.4	16	243.5	0.17	0.57	35.69	39.0	Ang. dk hornfels frags	Cr/y cy, silt, grit; basement shale	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.