Renison Ltd REVERSE CIRCULATION DRILL LOG **HOLE LAF14**

LAFFERS OPTION - North Heemskirk

COLLAR CO-ORDINATES : 5370915mN/344935mE
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 : 171m
BASEMENT RL : 145.8m
DEPTH TO BASEMENT : 25.2m
DEPTH DRILLED : 26.5m

Whole of Hole Grade (g SnO2/cu m)	19.8

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	15	305.0	0.11	0.46	30.85	30.9	Sub-rnd. v. qtz, rnd. qtz, qtz frag, basalt frag	Peat, gy/br gritty silt	40
2.0	4.0	20.8	4	215.0	0.04	0.12	29.66	30.3	Ox. ferrug. rnd, sub-ang. qtz, qtz drift, rnd. qtz/t	Ang. wash, br silt	70
4.0	6.0	20.8	6	227.0	0.04	0.13	20.87	27.1	Ox. ferrug. rnd, sub-ang. qtz, qtz drift; rnd. qtz/t	Ang. wash, br silt; 4.5-lt pink cy; 5-br pebbly, gri	60
6.0	8.0	20.8	10	177.0	0.02	0.05	4.88	21.6	Ox. ferrug. rnd, sub-ang. qtz, qtz drift; rnd. qtz/t	Y silty grit, sand	60
8.0	10.0	20.8	14	307.0	0.06	0.25	18.15	20.9	Qtz, qtzite, qtz/tour drift, sub-ang. qtz	Y silty grit, sand	60
10.0	12.0	20.8	12	305.5	0.02	0.08	7.02	18.6	Ox. ferrug. qtz, qtzite, qtz/tour drift, sub-ang. qtz	Y silty grit, sand	50
12.0	14.0	20.8	27	224.0	0.14	0.43	16.02	18.2	Ox. ferrug. sub-rnd. qtz, sub-ang. qtzite, qtz drift	Y silty grit, sand	70
14.0	16.0	20.8	20	324.0	0.09	0.40	20.11	18.4	Sub-ang. sst, qtz drift	Gy/br silt, sand	2
16.0	18.0	20.8	15	240.5	0.06	0.20	13.27	17.9	Sub-rnd. qtz, qtzite, qtz/tour, drift, py	Silt; 17-gy/br silt, sand	65
18.0	20.0	20.8	18	305.0	0.05	0.21	11.69	17.3	Sub-rnd. qtz, rnd. qtz, qtz drift, py, ang. slst, qtz/	Gy/br silt, sand; 19-wash, gy silt	80
20.0	22.0	20.8	27	328.5	0.22	1.00	36.92	19.0	Sub-rnd. qtz, rnd. qtz, qtz drift, py, ang. slst, qtz/	Gy silt; 21-gy silty sand and wash	50
22.0	24.0	20.8	23	265.5	0.12	0.44	19.11	19.0	Qtz, qtzite drift, ang. qtz drift, qtz/tour drift	Gy silty sand and wash	40
24.0	26.0	20.8	34	393.0	0.13	0.70	20.73	19.2	Sub-rnd., rnd. qtzite, ang. qtz, drift	Wash; 25.2-gy/green cy (decomposed gabbro)	70
26.0	26.5	5.2	45						No sample	Decomposed gabbro basement	

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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