000

786001

B.M.I. MINING PTY. LIMITED

RESULTS OF

MUSSEL ROE SWAMP

DRILLING PROGRAMME

TASMANIA

MICROFILMED

January, 1972.

001

786002

RESULTS OF MUSSEL ROE SWAMP

DRILLING PROGRAMME, TASMANIA

During 1971 B.M.I. Mining Pty. Ltd. conducted an exploration programme along the Mussel Roe River Swamp. The programme involved the drilling of 90 percussion drill holes for a total of over 3,100 ft. of drilling. These holes were sampled and assayed on 5 ft. intervals and the results of these assays are given for a whole of hole basis in Table 1 and the detailed results of each 5 ft. interval assay is given in Appendix 1.

Map 1, at the scale of 1 inch equals 1,000 ft., gives the location of all holes drilled and a schematic diagram of the whole of hole values and depth to bedrock. The holes are shown in relationship to existing claims and S.P.L. boundaries and past drilling by Utah Development Company and the Mines Department.

Maps 2 and 3, at the scale of 1 inch equals 200 ft., give the surveyed location, elevation, depth and whole of hole value of each hole.

The objective of the drilling programme was to locate sufficient reserves to establish a dredging operation. Utah Development Company indicated possible reserves of 28 million cu. yds. of material which might be suitable for a dredging operation (Utah Development Company Report 135 Table A, Dec. 1965) but drilled only three lines of holes to test these possible reserves. A total of over 15,000 ft. of swamp remained untested.

.../2

Options were obtained from R.L. Rainbow for fifteen 40 acre mining leases located along the Mussel Roe River (M.L.'s 52-60/70; 137-140/70; and 25-26/71) from E.L. King for Special Prospecting Licence 86 and from R.C. Lawry for Special Prospecting Licence 77.

Thirteen lines of drill holes on roughly 2,000 ft. spacings with drill holes on each line on 100 ft. centres were established. The southern 7 of these lines were south of any previous drilling.

Upon completion of drilling in the southern part of the area the results were analysed and showed that values encountered in this and in previous drilling were not consistent in either length or width along the river. Because of this the drilling programme was stopped. No significant new reserves were located.

The drilling programme did not encounter sufficient reserves to warrant a mining operation and all options were allowed to expire.

J C Standard

January, 1972

TABLE 1

MUSSEL ROE DRILL HOLES

HOLE NO.		ELEVATION OF SURFACE	DEPTH TO BASEMENT	VALUE OZ./CU. YD. (SnO_2 - 70%Sn
Line No.	Hole No.			
0	1	128.0	43	0.22
	2	125.9	44	1.57
	3	125.5	39	0.46
	4	123.7	39	0.78
	5	123.1	51	Nil
	6	122.6	48	Tr.
	7	121.1	55	0.62
	8	120.4	-	-
1 -	1	121.9	30	Tr.
	2	121.1	34.5	0.4
	3	122.5	31.5	Tr.
	4	121.6	38.5	0.03
	5	121.5	46.5	2.29
	6	121.0	41	0.22
	6HM	119.7	45	0.19
	7	120.3	43	6.43
	7HM	119.9	42	5.49
	8	119.8	44	2.45
	9	119.6	44	6.29
	9HM	119.6	42	0.57
	10	119.3	40	0.29
	11	118.6	41	0.32
	11A	117.8	39.5	2.23
	11B	116.8	39.5	0.62
2 -	12	112.9	40	0.25
	13	113.1	35	Tr.

.../2

HOLE NO.		ELEVATION OF SURFACE	DEPTH TO BASEMENT	VALUE OZ./CU. YD. (SnO2 - 70%Sn
Line No.	Hole No.			
	14	113.4	40	0.69
	15	113.7	39	2.0
	16	115.0	39	Tr.
	17	113.0	46	0.15
	18	113.8	47.5	0.19
	19	112.6	45	1.32
	20	112.8	40	1.74
	21	112.2	39	0.22
	22	113.3	40	Tr.
2A -	23	110.9	36	3.9
3 -	24A*	106.9	35	14.04
	24	106.5	41	1.0
	25**	104.7	43	7.78
	26	104.1	-	-
	27	104.5	44	2.96
	28	106.7	42	2.95
	29	106.7	-	-
	30	107.2	39	0.25
	31	108.7	40	2.0
	32	108.8	44	2.03
	33	110.5	38	Tr.
4 -	34	129.6	23	Tr.
	35	124.3	25.5	Tr.
	36	119.7	21.5	0.19
	37	114.7	17	0.57
	38	102.4	19	Tr.
	38A	102.7	23	Tr.
	39	102.2	33	Tr.
	40	102.9	36	Tr.
	41	102.8	36	Tr.
	42	102.0	-	-
	43	101.7	15	Tr.
5 -	44	97.5	31	0.3
	45	97.9	32	8.07
	46	98.5	32	0.38

HOLE NO.		ELEVATION OF SURFACE	DEPTH TO BASEMENT	VALUE OZ./CU. YD. (SnO_2 - 70%S.
Line No.	Hole No.			
	47	98.1	31	Tr.
	48	98.4	41	Tr.
	49	97.4	38	2.24
	50	98.3	33	1.52
	51	Not drilled	-	-
	52	" "	-	-
	53	" "	-	-
	54	" "	-	-
	55	" "	-	-
6 -	56	106.6	33	0.9
	57	107.1	36	Tr.
	58	107.2	31	Tr.
	59	106.6	34	0.58
	60	100.1	29.5	1.09
	61	95.2	24	1.2
	62	92.9	20.5	1.16
	62A	92.0	37	Tr.
	63	92.5	23	5.9
	63A	92.6	30	Tr.
	63B	93.0	31	Tr.
	63C	92.6	13	Tr.
8 -	84	82.3	26	0.19
	85	80.6	28	0.8
	86	80.3	32	0.22
	87	78.8	35	0.48
	88	80.2	22.5	0.71
	89	90.1	25	Tr.
	90	87.3	25	0.52
	91	86.3	30	0.98
	92	85.2	-	-
	93	86.0	-	-
Drilled on Utah Line				
2 -	1	-	26	0.21
	2	83.4	18	3.3
	3	-	20	4.5

* There is a possibility that this sample is from Hole No. 42.
** There is a possibility that this sample is from Hole No. 26.

006

786007

APPENDIX I

007

HOLE 1 LINE 0 786008 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Cont. gms	Lb. Sn. per cu yd.	oz. Sn oz per cu yd.
11-5-71	15-20	7.7	.77	MR 406	0.11	0.11	0.01	0.15
	20-25	8.3	.83	MR 407	0	0	0	0
	25-30	7.5	.75	MR 408	0	0	0	0
	30-35	7.9	.79	MR 409	0.14	0.14	0.01	0.20
	35-40	8.1	.81	MR 410	0.62	0.62	0.04	0.56
	40-44	6.5	.65	MR 411	0.51	0.51	0.05	0.71 1.18
	Basement A3?					1.38		
		Value over 44'		= 1.38 / 45	27 / 0.1951 x 44			
				= 0.01	lb (Sn) / c.yd.			
				= 0.22	oz / c.yd. (Cont-70% Sn)			

008 HOLE 2 LINE 0 786009

	Hole depth	Depth in bucket	Vol. (cu.ft)	Code No.	Weight gms.	Corrected wt. Sn gms.	lb. (Sn)/c.yd.	oz./c.yd. (Cassit.-70%Sn)
6-5-71	10 - 15	6·0	·60	MR 412	0	0	0	0
	15 - 20	5·10	·51	MR 413	0	0	0	0
	20 - 25	10·0	1·00	MR 414	0·21	0·20	0·01	0·28
	25 - 30	12·2	1·22	MR 415	0·40	0·32	0·02	0·45
	30 - 35	23·0	2·30	MR 416	2·58	1·09	0·07	1·52
	35 - 40	9·2	·92	MR 417	4·00	4·00	0·24	5·55
	40 - 47	6·8	·68	MR 418	4·54	4·54	0·35 ~~0·28~~	7·9 ~~6·39~~
						10·15		

Value over 45' = $\frac{10.15}{454} \times \frac{27}{0.195 \times 45}$

= 0.07 lb (Sn)/c.yd.

= ~~1.65~~ 1.57 oz/c.yd (Cassit-70% Sn)

009 HOLE 3 LINE 0 786010

...	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected Wt. Sn gms.	lb.(Sn)/c.yd.	oz./c.yd. (cassit.-70%Sn)
5-71	15-20	6.5	.65	MR 419	0	0	0	0
	20-25	7.2	.72	MR 420	0	0	0	0
	25-30	8.3	.83	MR 421	0.15	0.15	0.01	0.21
	30-35	7.5	.75	MR 422	0.32	0.32	0.02	0.45
	35-39	6.4	.64	MR 423	2.20	2.20	0.13	3.83
						2.67		

Value over 40'

$= \frac{2.67}{454} \times \frac{27}{0.195 \times 40}$

$=$

$= 0.0216$ (Sn)/c.yd.

$= 0.46$ oz /c.yd (Const - 70% Sn)

010 HOLE 4 LINE 0 786011

	Hole depth	Depth in bucket	Vol. (cu.ft)	Code No.	Weight Sn gms.	Corrected Wt. Sn gms.	lb.(Sn)/c.yd.	oz./c.yd. (Cassit.-70%S
05-71	15-20	6·4	·64	MR 424	0	0	0	0
	20-25	11·2	1·12	MR 425	0	0	0	0
	25-30	16·0	1·49	MR 426	0·09	0·06	0	0·08
	30-35	8·6	·86	MR 427	0·25	0·86	0·05	1·20
	35-41			MR 428	3·58	3·58	0·27	6·23 ~~4·49~~
						4·50		

Value over 40' = $\frac{4.5}{454} \times 27$

0.1951×40

$= 0.034$ lb (Sn) / c.yd.

$= 0.78$ oz / c.yd. (Cassit-70% Sn)

011 HOLE 5 LINE 0 786012

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected Wt. Sn gms.	lb.(Sn)/c.y.	oz./c.yd. (Cassit.-70%)
2 5-71	20 25	7·5	·75	MR429	0	0		
	25-30	6·8	·68	MR430	0	0		
	30-35	8·4	·84	MR431	0	0		
	35-40	7·7	·73	MR432	0	0		
	40-45	6·4	·64	MR433	0	0		
	45-51	8·2	·82	MR434	0	0		
		Value over		51' -	NIL			

012 HOLE 6 LINE 0 786013

Date	Hole depth	Depth in bucket	Vol. (cu.ft)	Circle No.	Weight Sn gms.	Corrected Sn gms.	lb. (Sn)/c.y.	oz./c.yd. (Cassit.-70
12-5-71	20-25	8·3	·83	MR435	0	0	0	
	25-30	9 2	·92	MR436	0.06	~~0.06~~	0	
	30-35	8·5	·85	MR437	0	0	0	
	35-40	7 6	·76	MR438	0	0	0	
	40-45	6 4	·64	MR439	0.14	0.14	0.01	0.28
	45-48	10 2	1·02	MR440	0.12	0.11	0.01	0.25
						0.25		

Value over 48' – TRACE

013 HOLE 7 LINE 0 7860141

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight Sn gms.	Corrected wt. Sn gms.	lb.(Sn)/c.yd.	oz./c.yd. (Cassit.-70% Sn
26-5-11	15-20	6·2	·62	MR 441	0	0	0	
	20-25	6·4	·64	MR 442	0	0	0	
	25-30	5·6	·56	MR 443	0	0	0	
	30-35	6·3	·63	MR 444	0	0	0	
	35-40	5·5	·55	MR 445	0	0	0	
	40-45	5·4	·54	MR 446	0	0	0	
	45-50	6·5	·65	MR 447	0	0	0	
	50-55	20·6	2·06	MR 448	10·56	5·00	0·30	6·97
						5·00		

Value over 56' = 5.0 / 451 × 27 / 0.1951 × 56

= 0.027 lb(Sn)/c.yd.

= 0.67 oz/c.yd. (Cassit-70% Sn)

014

HOLE 1 LINE 1 786015

	Hole depth	Depth in bucket	Vol. (cu.ft)	Code No.	Weight Sn gms.	Corrected Sn gms.	lb. (Sn)/c.yd	oz./c.yd. (Cassit.-70.)
	15 - 20'	8.6	0.86	MR 369	0.01	0.01	0	0
	20 - 25'	8.9	0.89	MR 370	0.01	0.01	0	0
	25 - 30'	7.4	0.74	MR 371	0.37	0.37	0.02	0.32
	30 - 30'6"	2.0	0.2	MR 372	0.17	0.17	0.01	0.24
						0.56		
		Value over		30' -	TRACE			

015 HOLE 2 LINE 1 786016

Hole depth	Depth in bucket	Vol. (cu ft)	Code No.	Weight Sn gms.	Corrected Wt. Sn gms.	lb.(Sn)/c.yd.	oz./c.yd. (Cassit.-70%Sn)
15-20'	8.4	0.84	MR 373	0	0	0	
20-25'	7.2	0.72	MR 374	0	0	0	
25-30'	6.4	0.64	MR 375	0	0	0	
30-35'	5.1	0.51	MR 376	2.00	2.00	0.12	0.79
					2.00		

Value over 35' = $\frac{2.0}{454} \times \frac{27}{0.195 \times 35}$

= 0.017 lb(Sn)/c.yd.

= 0.4 oz/c.yd (Cassit-70%Sn)

016

MUSSEL . ROE RIVER

HOLE 3 LINE 1 786C1?

Date	Hole depth	Depth in bucket	Vol. (cu.ft)	Code No.	Weight Sn gms.	Corrected wt. Sn gms.	lb.(Sn)/c.yd.	oz./c.yd. (Cassit.-70, Sn
	15-20	6·9	0·69	MR 377	0·03	0·03	0	
	20-25	8·9	0·89	MR 378	0·01	0·01	0	
	25-30	5·8	0·58	MR 379	0·02	0·02	0	
	30-32'6"	5·1	0·51	MR 380	0·11	0·11	0·02	0.51 ~~0·45~~
						0·17		
		Value	only 32'	-	TRACE			

MUSSEL ROE RIVER

017 HOLE 4 LINE 1 786C18

Data	Hole depth	Depth in (ms)	Vol (cuft)	Code No.	Weight Sn gms.	Corrected wt. sn gms.	lb.(sn)/c.yd.	oz./c.yd. (Cassit.-70%Sn)
	15-20	10.7	1.07	MR85	0.07	0.06	0	
	20-25	11.2	1.12	MR86	0.07	0.06	0	
	25-30	9.5	.95	MR87	0	0	0	
	30-35	10.1	1.01	MR88	0	0	0	
	35-38½	6.1	.61	MR89	0.06	0.06	0.01	0.29
	Bottom 38'6"					0.18		

Volume over 39' = $\frac{0.18}{454} \times \frac{27}{39 \times 0.1951}$

= 0.001 lb(Sn)/c.yd.

= 0.03 oz/c.yd (Cassit. 70% Sn)

018 HOLE 5 LINE 1 786019

Hole depth	Depth in (ins)	Vol (cuft)	Code No.	weight Sn gms.	Corrected Sn gms.	lb.(Sn)/c.yd	oz./c.yd. Cassit.-70%
15-20	9·8	·98	MR125	0			
20-25	8·4	·84	MR 126	0			
25-30	8·8	·88	MR127	0			
30-35	10·0	1·00	MR128	0			
35-40	7·6	·76	MR129	0			
40-45	8·3	·83	MR130	7·24	7·24	0·44	10·09
45-47	9·2	·92	MR131	8·23	8·23	0·57	11·47
Bottom at 46'6"					15.47		

Value over 47' = $\frac{15.47}{454} \times \frac{27}{0.1951 \times 47}$

= 0.10 lb.(Sn)/c.yd.

= 2.29 oz/c.yd.(Cassit.-70% Sn)

019 HOLE 6 LINE 786020

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No.	Weight in gms.	Corrected Wt. Sn gms.	lb. (Sn)/c.yd.	oz./c.yd. (Cassit.-70% Sn)
	10-15	10·0	1·00	MR 263	0·01	0·01	0	
	15-20	9·4	·94	MR 264	0	0	0	
	20-25	9·1	·91	MR 265	0·01	0·01	0	
	25-30	11·7	1·17	MR 266	0·01	0·01	0	
	30-35	10·6	1·06	MR 267	0·04	0·04	0	0·05
	35-40	9·0	·94	MR 268	1·11	1·11	0·07	1·55
	40-41	7·0	·70	MR 269	0·12	0·12	0·04	0·84 ~~0·11~~
	Pocumut A1					1·30		
		Value over		42' =	1·30 / 45	× 27 / 0·195 × 42		
					= 0·009 lb (Sn)/c.yd			
					= 0·22 oz/c.yd (Cassit-70% Sn)			

MUSSELL HOE RIVER

020 HOLE 6 HM LINE 1 786021

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight in gms.	Corrected wt. Sn gms.	lb.(Sn)/c.yd.	oz./c.yd. (Cassit.-70% Sn)
no sample →	15-20	7·2	·72	MR257	MISSING	Missing	0	0
	20-25	9·6	·96	MR258	0·01	0·01	0	0
	25-30	9·0	·90	MR259	0·41	0·41	0·03	0·37
	30-35	11·9	1·19	MR260	0·22	0·18	0·01	0·25
	35-40	18·3	1·83	MR261	0·04	0·02	0	0·03
	40-45½	9·5	·95	MR262	0·64	0·64	0·04	0·89
	Amount A5'					1·26		
	Value over	A6' =	1·26 / A5	× 27 / A6				
		=	0·008 lb (Sn)/c·yd.					
		=	0·19 oz/c·yd (Cassit-70% Sn)					

MUSSELL INLET RIVER

021 HOLE 7 LINE 1 786022RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Cycle No.	Weight gms.	Corrected wt. gms		
	15-20	8.8	.88	MR270	0	0	0	0
	20-25	7.1	.71	MR271	0.09	0.09	0.01	0.13
	25-30	7.2	.72	MR272	0.06	0.06	0.03	0.08
	30-35	10.1	1.01	MR273	15.04	16.53	0.89	20.25
	35-40	8.5	.85	MR274	16.34	16.34	0.99	22.77
	40-43	10.2	1.02	MR275	10.03	9.59	~~8.97~~ 8.58	~~22.27~~ 15.37
	Ground 43'					40.61		

Value over AA' = 40.61 × 27

45 L 0.1951 × 44

= 0.28 lb. (Sn)/c.yd.

= 6.43 oz/c.yd. (Cassit - 70% Sn)

MUSSELL ROE RIVER

022 HOLE 7 IIM LINE 1 RIG 786023

	Hole depth	Depth in bucket	Vol. (cu.ft)	Code No	Weight gms.	Corrected Wt. gms		
	15-20	11.4	1.14	MR 276	015	012	001	018
	20-25	10.2	1.02	MR 277	006	006	0	008
	25-30	8.5	.85	MR 278	0.16	016	001	022
	30-35	7.4	.74	MR 279	1.15	1 15	0.07	160
	35-40	14.7	1.47	MR 280	4.87	3 23	020	4 50
	40-43	8.3	.83	MR 281	29.14	29.14	4.08	101.53
						34 25	2 09	4770
	Percent Dry					38 98		
						33.87		
		Value over 43		= 33.87 / 38 98 / 450	x 27 / 0.195	1 x 43		
				= 0.24 / 0276	lb (Sn) / c-yd.			
				= 5.49 / 6.32	oz / c-yd. (Comit=70%Sn)			

MUSSELL ROC RIVER

023 HOLE 8 LINE 1 RIG 786024

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected Wt. gms		
	10 - 15	5.0	.50	MR 282	6.09	6.09	0.37	8.69
	15 - 20	10.5	1.05	MR 283	0.01	0.01	0	0.01
	20 - 25	8.4	.84	MR 284	0.03	0.03	0	0.04
	25 - 30	5.8	.58	MR 285	0.01	0.01	0	0.01
	30 - 35	11.2	1.12	MR 286	0.18	0.16	0.01	0.22
	35 - 40	13.1	1.31	MR 287	12.81	9.54	0.73 ~~0.58~~	16.62 ~~13.30~~
	Point AA'					15.84		
		Value	over AA'	= 15.84 / 454	× 27 / 0.1951 × 45			
				= 0.11 lb (Sn) / c.yd.				
				= 2.45 oz / c.yd (Comit-70% Sn)				

024

MUSSELL ROE RIVER

HOLE 9 LINE 1 RIG 786025

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight Sn gms.	Corrected wt. gms		
	15-20	7·3	·73	MR 294	-	0	0	0
	20-25	9.0	·90	MR 295	0·04	0.04	0	0.05
	25-30	8·1	·81	MR 296	0·04	0·04	0	0·05
	30-35	6·6	·66	MR 297	1·12	1.12	0.07	1·56
	35-40	10·1	1·01	MR 298	0·33	0·32	0·02	0·45
	40-44	6·0	·60	MR 299	39·12	39.12	2.98 ~~2.39~~	68.15 ~~54.55~~
	Bottom 44'						40 lbs	
		Value over 45'		= 40.64 / 454	× 27 / 0.1951 × 45			
				= 0.275 lb (Sn) / c.yd.				
				= 6.29 gr / c.yd. (Cassit-70% Sn)				

MUSSELL ROE RIVER

025

HOLE 9 HM LINE 1 RIG 786026

Hole depth	Depth in bucket	Vol. (cu ft)	Code No.	Weight gms.	Corrected wt. gms.		
15-20	5·1	·51	MR 288	0·08	0·08	0	0·11
20-25	7·5	·75	MR 289	0·02	0·02	0	0·03
25-30	19·3	1·93	MR 290	0·15	0·08	0	0·11
30-35	7·6	·76	MR 291	0·11	0·11	0·02	0·15
35-40	18·7	1·87	MR 292	4·07	2·12	0·13	2·96
40-44	8·5	·85	MR 297	1·13	1·13	0·07	3·94 ~~+56~~
Recount 42'					3·54		
	Value over 43'		= 3·54 / 454	× 27 / 0.1951 × A3			
			= 0.035 lb/cyd (Su)				
			= 0.57 oz/cyd. (Comit-70 Su)				

MUSSELL KOE RIVER

026

HOLE 10 LINE 1 RIG 786027

Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight in gms.	Corrected wt. in gms.		
13-15	7·1	·71	MR 300	0·03 0·01	0·03 0·01	0 0	0·04 0·01
15-20	11·4	1·14	MR 301	0·04	0·03	0	0·04
20-25	12·0	1·20	MR 302	0·09	0·07	0	0·10
25-30	8·6	·86	MR 303	0·02	0·02	0	0·03
30-35	10·8	1·08	MR 304	0·14	0·13	0·01	0·18
35-40	10·6	1·06	MR 305	1·36	1·25	0·087	~~1·74~~ 2·00
40-43	5·2	·52	MR 306	0·18	0·18	~~0·01~~	~~0·25~~
Ground 10'					1·72		

Value over 41' = $\frac{1.72}{45.4} \times \frac{27}{0.1951 \times 41}$

= 0.013 lb (Sn) / c.yd.

= 0.29 oz / c.yd (Cassit - 70% Sn)

MUSSELL ROCK RIVER

027 HOLE 11 LINE 1 786028 RIG

Hole depth	Depth in bucket	Vol. (cu.ft)	Code No	Weight Sm gms.	Corrected Wt. gms		
15 - 20	4.8	.48	MR237	0.04	0.04	0	0.06
20 - 25	7.5	.75	MR238	0.17	0.17	0.01	0.24
25 - 30	6.4	.64	MR239	0.04	0.04	0	0.05
30 - 35	8.7	.87	MR240	0.51	0.51	0.03	0.71
35 - 40	9.9	.99	MR241	1.15	1.13	0.07	1.58
40 - 43	6.3	.63	MR242	0.06	0.06	0.02	0.42 ~~0.06~~
Percent Al'					1.95		

Value over 42' = 1.95 / 45 x 27

0.195 x 42

= 0.014 16(Sm) / c.yd.

= 0.32 oz / c.yd (Comit - 70% Sm)

MUSSELL ROE RIVER

028 HOLE 11A LINE 1 RIG 786029

	Hole depth	Depth in bucket	Vol. (cu.ft)	Code No	Weight gms.	Corrected Wt. gms		
	5 - 10	4.8	.48	MR243	0.03	0.03	0	0.04
	10 - 15	8.1	.81	MR244	0.06	0.06	0	0.08
	15 - 20	8.8	.88	MR245	0.04	0.04	0	0.05
	20 - 25	5.1	.51	MR246	0.03	0.03	0	0.04
	25 - 30	8.9	.89	MR247	0.08	0.08	0	0.11
	30 - 35	9.7	.97	MR248	11.29	11.29	0.69	15.74
	35 - 40	6.5	.65	MR249	1.15	1.15	0.07	1.60
	40 - 43	7.5	.75	MR250	0.10 0.02	0.10 0.02	0.00 0	0.14 0.03
	Total 39'6"					12.60		

Volume over 40' = 12.8 / 45 x 27 / 0.1951 x 40

= 0.098 lb (Sn) / c.yd

= 2.23 kg / c.yd. (Cam. + 70% Sn)

029 HOLE 11[B] LINE 1 RIG

786030

Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight in gms.	Concentrate wt. in gms		
15-20	6·2	·62	MR 251	0·04	0.04	0	0.06
20-25	5·2	·52	MR 252	1.15	1.15	0.07	1.60
25-30	9·5	·95	MR 253	0·07	0.07	0	0.10
30-35	11·5	1·15	MR 254	0·60	0.81	0.03	0.71
35-40	7·4	·74	MR 255	1·05	1.05	0.06	1.46
40-43	67	·67	MR 256	0.72	0.72	0.04	1.00
B[illegible] 39'6"					3.54		

Value over 40' $= \frac{3.54}{454} \times \frac{27}{0.4951 \times 40}$

$= 0.027$ lb ([illegible]) / c.yd.

$= 0.62$ oz / c.yd (cassit - 70% [illegible])

030

MUSSEL ROE RIVER

HOLE 12 LINE 2 786031 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight Sn gms	Corrected Sn Recovery gms
	0-5	5.3	.53	MR 28	0.04	0.04
	5-10	4.2	.42	MR 29	0.04	0.04
	10-15	10.3	1.03	MR 30	0.08	0.07
	15-20	11.4	1.14	MR 31	~~0.08~~ 0	0
	20-25	6.2	.62	MR 32	0	0
	25-30	5.0	.50	MR 33	0	0
	30-35	6.2	.62	MR 34	0	0
	35-40	7.4	.74	MR 35	0.06	0.06
	40-41½	3.0	.30	MR 36	1.27	1.27 0.08 1.11
	Basement 40					1.08

Value over 41' = $\frac{1.48}{454} \times \frac{27}{0.1951 \times 41}$

= 0.01 lb (Sn) / c.yd.

= 0.25 oz / c.yd. (Cassit-70% Sn)

031

MUSSEL ROE RIVER

HOLE 13 LINE 2 786032 RIG.

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	Weight in gms.		(5 in) 16
	2-5	4.0	.40	MR53	0		
	5-10	5.3	.53	MR54	0	0	
	10-15	7.4	.74	MR55	0	0	
	15-20	8.1	.81	MR56	0	0	
	20-25	7.5	.75	MR57	0	0	
	25-30	8.6	.86	MR58	0	0	
	30-35	7.9	.79	MR59	0.14	0.14	0.01 0.19
	35-37	4.3	.47	MR60	0	0	
	Basement 35'					0.14	

Value over 36' - Trace

032

MUSSEL ROE RIVER

HOLE # 14 LINE 2 RIG 786033

te	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight Sn gms		(Sn) lb/c-1	
	0-5	5.1	.51	MR68	0	0	0	
	5-10	6.2	.62	MR69	0	0		
	10-15	5.7	.57	MR70	0.06	0.06	0	0.08
	15-20	6.2	.62	MR71	0.06	0.06	0	0.08
	20-25	12.5	1.25	MR72	0.87	0.68	0.04	0.95
	25-30	7.4	.74	MR73	0.71	0.71	0.04	0.99
	30-35	7.2	.72	MR74	[illegible]	MISSING	–	
	35-40	4.0	.40	MR75	2.58	2.58	0.16	3.59
	[illegible] .40.					4.09		

Value over 41' = $\frac{(4.09+)^{*}}{454} \times \frac{27}{0.1951 \times 41}$

= 0.03 + lb(Sn)/c-yd³

= 0.69+oz/c-yd. (Cornit 70% Sn)

* the sample from 30-35' is missing.

033

MUSSEL ROE RIVER 786034

HOLE 15 LINE 2 RIG

Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight Sn gms	Corrected Sn Recovery gms		
0-5	5·1	·51	MR76	0	0		
5-10	5·2	·52	MR77	0·08	0.08		
10-15	10·1	1·01	MR78	0·11	0.10		
15-20	8·0	·80	MR79	0·19	0.19	0.01	0.26
20-25	7·4	·74	MR80	0·10	0.10		0.14
25-30	8·2	·82	MR81	0·78	0.78	0.05	1.09
30-35	7·1	·71	MR82	7·16	7.16	0.43	9.98
35-40	8·0	·80	MR83	2·36	2.36	0.21	3.29
40-42	·5·4	·54	MR84	0·46	0.46		0.64
(Basement 39')					11.23		

Value over 40' = $\frac{11.23}{454} \times \frac{27}{0.1951 \times 40}$

= 0.0816 (Sn) / c.yd.

= 2.0 oz / c.yd. (Cassit-70% Sn).

034

MUSSEL ROE RIVER 786035

HOLE 16 LINE 2 RIG

Date	Hole depth	Depth in (ins)	Vol (cu.ft)	Code No.	Weight Sm gms		Value over interval lb/cu.ft.
	5-10	5.0	.50	MR61	0	0	
	10-15	8.5	.85	MR62	0	0	
	15-20	6.7	.67	MR63	0	0	
	20-25	7.1	.71	MR64	0	0	
	25-30	7.0	.70	MR65	0	0	
	30-35	10.0	1.00	MR66	0.12	0.12	0.01 0.17
	35-40	7.4	.74	MR67	0.07	0.07	
	Bedrock 39'				0.19	0.19	

Value over 40' - Trace.

035

MUSSEL ROE RIVER 786036

HOLE 17 LINE 2 RIG

ate	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	Weight Sn gms.	Corrected Sn Recovery gms. % Cod
	0-5	6·2	·62	MR90	0	
	5-10	6·0	·60	MR91	0	
	10-15	5·9	·59	MR92	0	
	15-20	7·4	·74	MR93	0	
	20-25	6·0	·60	MR94	0	
	25-30	7·7	·77	MR95	0	
	30-35	5·3	·53	MR96	0	
	35-40	12·0	1·20	MR97	0	
	40-45	11·9	1·19	MR98	0·05	0·04 0 0·06
	45-47	15·2	1·52	MR99	1·50	0·96 0·29 1·34
	Percent 46					1·00

Value over 47' = $\frac{1.00}{454} \times \frac{27}{0.1951 \times 47}$

= 0.01 lb/c.yd. (Sn)

= 0.15 oz/c.yd (Cassit 70% SnO_2)

036

MUSSEL ROE RIVER 786037

HOLE 18 LINE 2 RIG

Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	Weight Sn gms	Corrected Sn gms	(Sn) lb/c.yd
15-20	8.2	.82	MR137	0		
20-25	9.5	.95	MR138	0		
25-30	10.4	1.04	MR139	0		
30-35	9.7	.97	MR140	0		
35-40	7.4	.74	MR141	0		
40-45	8.6	.86	MR142	0.06	0.06	
45-48½	6.5	.65	MR143	1.27	1.27	0.15 1.77
Bottom 47'6"					1.33	

Value over 48' = $\frac{1.33}{454} \times \frac{27}{0.1951 \times 48}$

= 0.04 lb. (Sn)/c.yd.

= 0.19 oz/c.yd. (Cassit-70% Sn)

037

MUSSEL ROE RIVER

786038

HOLE 19 LINE 2 RIG

Hole	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	Weight Sn gms.	Corrected for recovery gms		
	10-15	10.4	1.04	MR203	0	0		
	15-20	11.5	1.15	MR204	0.05	0.04		
	20-25	10.0	1.00	MR205	0	0		
	25-30	9.7	.97	MR206	0	0		
	30-35	10.1	1.01	MR207	0.05	0.05		
	35-40	10.5	1.05	MR208	2.17	2.02	0.12	2.81
	40-45	9.9	.99	MR209	6.74	6.64	0.80	9.26
	Bottom 45'					8.75		

Value over 46' = $\frac{8.75}{454} \times \frac{27}{0.1951 \times 46'}$

= 0.06 lb (Sn) / c.yd.

= 1.32 oz / c.yd. (Comit-70% Sn)

038 MUSSEL ROE RIVER 786039

HOLE 20 LINE 2 R16

Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	Weight Sn grms	Corrected Sn Recovery grms
0-10	10·4	1·04	MR118	0	0
10-15	11·2	1·12	MR119	0	0
15-20	10·6	1·06	MR120	0	0
20-25	11·7	1·17	MR121	0	0
25-30	10·5	1·05	MR122	0·06	0.05
30-35	12·6	1·26	MR123	0·83	0.64 0.04 0.59
35-41	11·3	1·13	MR124	11·06	9.54 0.58 13.21
Bedrock 40'					10.23

Value over 41' = $\frac{10.23}{454} \times \frac{27}{0.1951 \times 41}$

= 0.076 lb (Sn) / c.yd.

= 1.74 oz / c.yd. (Cassit-70% Sn)

039

MUSSELL ROE RIVER 786040

HOLE 21 LINE 2 RIG

Hole depth	Depth in bucket	Vol. (cu ft)	Code No.	Weight gms.	Corrected wt. gms		
0 - 10	12·8	1·28	MR 307	0	0	0	0
10 - 15	10·7	1·07	MR 308	0·02	0·02	0	003
15 - 20	10·4	1·04	MR 309	0	0	0	0
20 - 25	8·5	·85	MR 310	0·01	001	0	001
25 - 30	9·6	·96	MR 311	001	001	0	001
30 35	11·2	1·12	MR 312	1·43	1·24	0.09	2·16
[illegible] 39'					1·28		

Volume 40' = 1.28 × 27

45 L 0·1951 K 40

= 0.01 lb(Sn)/c.yd.

= 0.22 g/c.yd (Const. 70°C)

MUSSELL ROE RIVER 786041

HOLE 22 LINE 2 RIG

No	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight Sn gms	Concentrate Wt. gms		
	0 - 10	11.7	1.17	MR 313	0	0	0	0
	10 - 15	12.4	1.24	MR 314	0	0	0	0
	15 - 20	10.6	1.06	MR 315	0	0	0	0
	20 - 25	9.7	.97	MR 316	0.02.	0.02	0	0.02
	25 - 30	11.4	1.14	MR 317	0.01	0.01	0	0.01
	30 - 35	11.2	1.12	MR 318	0.01	0.01	0	0.01
	35 - 40	12.0	1.20	MR 319	0.04	0.03	0.0	0.04
	Basement 40'					0.07		
		Value	over 40'	- TRACE				

041

MUSSELROE RIVER

786012

HOLE 23 LINE 3 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No	Weight Sn gms	Corrected Sn Recovery gms	oz SnO_2 per cu yd.
	0-5	4·3	·43	MR 16	0·04	0·04	
	5-10	4·7	·47	MR 17	5·96	5·96	0·36
	10-15	3·5	·35	MR 18	0·07	0·07	
	15-20	7·0	·70	MR 19	0	0	
	20-25	7·2	·72	MR 20	6·88	6·88	0·42
	25-30	7·7	·37	MR 21	5·88	5·88	0·36
	30-35	4·8	·48	MR 22	1·88	1·88	0·11
	35-37	7·0	·70	MR 23	0·14	0·14	0·04
	Recovered 36'					20.85	

Value over 37' = $\frac{20.85}{454} \times \frac{27}{0.1951 \times 37}$

= 0.17 lb (Sn) / c.yd.

= 3.9 oz / c.yd. (Comit-70% Sn)

(20.85 − 0.14) ← Assuming that any tin below 30' was carried over.

Value over 31' = $\frac{20.71}{454} \times \frac{27}{0.1951 \times 31}$

= 0.20 lb Sn / c.yd

= 4.65 oz / c.yd (Comit-70% Sn)

042 MUSSEL ROE RIVER. 786013

HOLE 24 LINE 3 RIG

	Hole depth	Depth in bucket	Vol. (cu.ft)	Code No	Weight gms.	Corrected Wt. gms		
	13 - 20'	5·4	0·54	MR 388	0·01	0·01	0	0·01
	20 - 25'	6·8	0·68	MR 389	0·04	0·04	0	0·05
	25 - 30'	9·6	0·96	MR 390	0·07	0·07	0	0·09
	30 - 35'	9·8	0·98	MR 391	0·19 0·03	0·10 0·03	0·01 0	0·14 0·04
	35 - 40'	7·2	0·72	MR 392	4·66	4·66	0·28	6·50
	40 - 42'	5·0	0·5	MR 393	1·13	1·13	0·34 0·02	7·87 1·58
						6·04		

Volume over 42' = $\frac{6.04}{454} \times \frac{27}{0.1951} \times 42$

= 0.04 lb (Sn) / c.yd.

= 1.0 oz / c.yd. (Consit - 70% Sn)

043

MUSSEL ROE RIVER

786014

HOLE 24A LINE ~~24A~~ 3 RIG

No.	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected wt. gms.		
	15-20'	7.2	0.72	MR 386	0.07	0.07	0	0.10
	20-25'	9.4	0.94	MR 387	0.61	0.61	0.04	0.85
						0.68		
	?							
		Value over 25' — TRACE.						

044

MUSSEL ROE RIVER

786015

HOLE ~~28~~ 25 LINE 3 RIG

	Hole depth	Depth in bucket	Vol. (cu.ft)	Code No	Weight gms.	Corrected Wt. gms.		
	15 - 20	6·2	0·62	MR 394	0·01	0·01	0	
	20 - 25	6·5	0·65	MR 395	0·01	0·01	0	
	25 - 30	6·8	0·68	MR 396	0·01	0·01	0	
	30 - 35	8·1	0·81	MR 397	0·64	0·64	0·04	0·89
	35 - 40	6·6	0·66	MR 398	26·50	26·50	1·62	36·94
	40 - 42	5·2	0·52	MR 399	20·86	20·86	~~1·28~~ 3·18	~~29·08~~ 72·68
						48·03		
		Value over 43'		= 48·03		x 27		
				~~454~~		0·1951	x 43	
				= 0·34		lb (Sn) / c.yd.		
				= 7·78 oz / c.yd		(Conit - 70% Sn)		

045

MUSSEL ROE RIVER

786616

HOLE 27 LINE 3 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected wt. gms.		
	15 – 20'	5·5	0·55	MR 400.	0·01 0·02	0·01 0·02	0 0	
	20 – 25'	8·1	0·81	MR 401	0·06	0·06	0	
	25' – 30'	5·6	0·56	MR 402	0·07	0·07	0	
	30' – 35'	4·0	0·4	MR 403	0·01	0·01	0	
	35 – 40	6·5	0·65	MR 404	0·09	0·09	0·01	0·12
	40 – 44	8·0	0·8	MR 405.	18·86	18·86	1·44	32·86 26·29
	Locust AA'					19·12		
		Value over 45'		= 19·12 / 454	× 27 / 0·1951 × 45			
				= 0·1316 (Ln) / c.-2d.				
				= 2·96 of / c.-2d (Comit-70% Ln)				

046

786017

MUSSELL ROE RIVER

HOLE 28 LINE 3 RIG

No.	Hole depth	Depth in bucket	Vol. (cu.ft)	Code No	Weight gms.	Cumulative wt. gms		
	15-20	7·1	·71	MR 320	0	0	0	
	20-25	8·5	·85	MR 321	0·02	0·02	0	
	25-30	6·0	·60	MR 322	0·01	0·01	0	
	30-35	9·7	·97	MR 323	0·03	0·03	0	
	35-40	10·5	1·05	MR 324	4·35	4·04	0·25	5.63
	40-43	17·4	1·74	MR 325	25·21	14·13	2.15 ~~0.56~~	49.23 ~~49.30~~
	Basement?					18·23		
		Volume over 43'		= 18·23 / 454	× 27 / 0·951 × 43			
				= 0.13 16 (Cu) / c.yd.				
				= 2·95 g/c.yd (Cumit=70%Cu)				

047

MUSSELL POE RIVER

786048

HOLE 30 LINE 3 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Core No.	Weight gms.	Corrected wt. gms.		
	15-20	~~5~~ 7.2	~~.59~~ .72	MR 326	0.01	0.01	0	
	20-25	~~7.4~~ 6.5	~~.73~~ .65	MR 327	0.01	0.01	0	
	25-30	8.4	.84	MR 328	0.04	0.04	0	
	30-35	7.1	.71	MR 329	0.67	0.61	0.04	93
	35-39	11.8	1.18	MR 330	0.88	0.13	0.05	1.27 tot
	Basement 39'					1.46		
		Value after 40' =						
					$\frac{1.46}{456} \times \frac{27}{0.1951 \times 40}$			
				=	0.0116 (Sm) / c.yd.			
				=	0.25 oz / c.yd (Cumit-70% Sn)			

048

786049

MUSSELL RIDE RIVER

HOLE 31 LINE 3 RIG

Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected wt. gms.		
15-20	5·7	·57	MR331	0·01	0·01	0	
20-25	7·4	·74	MR332	0·01	0·01	0	
25-30	8·5	·85	MR333	0·03	0·03	0	
30-35	13·8	1·38	MR334	0·18	0·13	0·01	0·18
35-40	11·0	1·10	MR335	13·06	11·59	0·71	16·14
Bottom +20'					11·76		

Value over 41' = $\frac{11.76}{458} \times \frac{27}{0.1951 \times 41}$

= 0·087 16 (Sn) / c.yd.

= 2·0 oz / c.yd. (Cassit-70% Sn)

049

786050

MUSSELL ROE RIVER

HOLE 32 LINE 3 RIG

Hole depth	Depth in bucket	Vol. (cu ft)	Cycle No.	Weight gms.	Corrected Wt. gms		
20-25	8·1	·81	MR 336	0 01	0 01	0	
25-30	5·2	·52	MR 337	0 01	0 01	0	
30-35	10·5	1·05	MR 338	0	0	0	
35-40	7 3	·77	MR 339	0 01	0 01	0	
40-44	10·0	1·00	MR 340	13·41	13 08	1.00	22.78
Basement AA'					13·11		

Value over 45' = 13·1 / 45L × 27 / 0.1951 × 45

= 0.089 16(Sn)/c.yd.

= 2.03 oz/c.yd (Consit-70% Sn)

050

PUGGLE Rd RIVD

786051

HOLE 33 LINE 3 RIG

	Hole Depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected Wt. gms		
	10 - 15	8·6	·86	MR 741	0 06	0 06	0	0·08
	15 - 20	10·3	1·03	MR 742	0 02	0·02	0	
	20 - 25	9·1	·91	MR 743	0	0	0	
	25 - 30	9·7	·97	MR 744	0	0	0	
	30 - 35	12·1	1·21	MR 745	0·03	0·02	0	
	35 - 38	10·8	1·08	MR 746	0 35	0·32	0 03	0·74 0·42
	Basement 38'					0·42		

Value over 39' - TRACE.

051

786052

MUSCLE ROE RIVER

HOLE 34 LINE 4 RIG

Date	Hole depth	Depth in (ins)	Vol (cuft)	Code No.	Weight in gms.		
	0-5	8.4	.84	MR37	0.04	0.04	0
	5-10	8.7	.87	MR38	0	0	0
	10-15	7.4	.74	MR39	0	0	0
	15-20	8.0	.80	MR40	0.04	0.04	0
	20-25	6.9	.69	MR41	0	0	0
	Basalt 23'						
						0.08	
		Volume 24' - Trace.					

052

MUSSEL ROE RIVER 786053

HOLE 35 LINE 4 RIG.

Date	Hole depth	Depth in (ins)	Vol (CUFT)	Code No.	Weight Sm gms.		
	0-5	8·3	·83	MR47	0	0	0
	5-10	7·9	·79	MR48	0	0	0
	10-15	8·4	·84	MR49	0	0	0
	15-20	7·5	·75	MR50	0	0	0
	20-25	8·2	·82	MR51	0·05	0·05	0
	25-27	8·3	·83	MR52	0·06	0·06	0
	Amount 25'6"					0·11	

. Value over 26' - Trace.

053

MUSSEL ROE RIVER

786054

HOLE 36 LINE 4 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No	weight Sn grms	Corrected Sn grms	
	0-5	9.9	.99	MR42	0.19	0.19	0.01
	5-10	8.3	.83	MR43	0	0	
	10-15	7.2	.72	MR44	0.34	0.34	0.02
	15-20	8.4	.84	MR45	0.16	0.16	0.01
	20-26	10.4	1.04	MR46	0.07	0.06	0.01
	Bedrock 26'					0.75	

Volume 22' = $\frac{0.75}{454} \times \frac{27}{0.1951 \times 27}$

= 0.01 lb/c.yd. (Sn)

= 0.19 oz/c.yd. (Cornt - 70% Sn)

054

786055

MUSSEL ROE RIVER

HOLE 37 LINE 4 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No	Weight Sn gms.	Corrected Sn Recovery gms	Sn lbs
	0-5	6.2	.62	MR24	0.24	0.24	0.01
	5-10	4.1	.41	MR25	0.79	0.79	0.05
	10-15	5.3	.53	MR26	0.03	0.03	
	15-19	7.0	.70	MR27	0.41	0.41	0.06
	Recount 17'					1.47	

Value over 18' = $\frac{1.07}{454} * \frac{27}{0.1051 \times 18}$

= 0.02 lb (Sn)/c.yd.

= 0.57 oz/c.yd (Comit-7675)

055

MUSSEL ROE RIVER

786056

HOLE 38 LINE 4 R16

Date	Hole depth	Depth in (ins)	Vol (cuft)	Code No.	weight Su gms.			
	0-5	5.1	.51	MR190	0.10	0.10	0.01	1.40
	5-10	6.2	.62	MR191	0	0		
	10-15	5.4	.54	MR192	0	0		
	15-20'-6"	5.7	.57	MR193	0	0		
	Bottom 19'					0.10		
		Valve am 20'		— Trace				

056

786057

MUSSEL ROE RIVER

HOLE 38A LINE 4 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight Sn grms.	
	0-5	6.5	.65	MR186	0	
	5-10	8.0	.80	MR187	0.26	0.01
	10-15	9.5	.95	MR188	0	
	15-20	10.4	1.04	MR189	0.12	0.11
	20-23	Silt, wood.				0.12
	Bottom 23'					
		Volume 24' + Trace				

057

MUSSEL ROE RIVER 786058

HOLE 39 LINE 4 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight Sd gms	
	15-20	5.1	.51	MR144	0	0
	20-25	6.8	.68	MR145	0	0
	25-30	4.6	.46	MR146	0.06	0.06 0
	30-35	7.1	.71	MR147	0.11	0.11 0.101 0.25
	Bottom + 33'					0.17

Valve over 34' - Trace.

058

MUSSEL ROE RIVER 786059

HOLE 40 LINE 4 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight Sa gms.		
	0-5	5·7	·57	MR104	0	0	0
	5-10	8·0	·80	MR105	0	0	0
	10-15	7·4	·74	MR106	0	0	0
	15-20	10·2	1·02	MR107	0	0	0
	20-25	4·3	·43	MR108	0	0	0
	25-30	9·4	·94	MR109	0	0	0
	30-35	8·2	·82	MR110	0·06	0·06	0
	35-36	5·0	·50	MR111	0·06	0·06	0
	Bottom 36'					0·12	

Volume over 36' - Trace.

059

786060

MUSSEL ROE RIVER

HOLE 41 LINE 4 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	Weight Sn gms.		
	0-5	6·2	·62	MR164	0	0	0
	5-10	4·5	·45	MR165	0	0	0
	10-15	4·2	·42	MR166	0	0	0
	15-20	5·0	·50	MR167	0	0	0
	20-30	8·7	·87	MR168	0	0	0
	30-35	7·5	·75	MR169	0·3	0·3	0·02
	35-37	6·8	·68	MR170	0·15	0·15	0·05
	Bottom 36'						0·45

Volume 37' - Trace.

060 MUSSELL LOE RIVER 786061

HOLE 43 LINE 4 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Circle No	Weight gms.	Corrected wt. gms
	15-18	6.2	.64	MA 747	0.22	0.22 | 0.01 | 031
	Decreased 15'					0.22
		Values over 15' - TRACE.				

1

061

MUSSEL ROE RIVER 786062

HOLE 44 LINE 5 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Core No	Weight gms.	Corrected wt. gms		
	10-15'	5·2	0·52	MR 381	0·01	0·01	0	~~0·17~~
	15-20'	4·5	0·45	MR 382	0·12	0·12	0·01	0·17
	20-25'	6·6	0·66	MR 383	0·44	0·44	0·03	0·61
	25-30'	6·4	0·64	MR 384	0·36	0·36	0·02	0·50
	30-33'	6·8	0·68	MR 385	0·43	0·43	0·13 0·09	2·97 0·60
	Basement 31'					1·36		

Volume over 32' = $\frac{1.36}{454} \times \frac{27}{0.1951 \times 32}$

= 0·013 16 (Sm) / c.-7d.

= 0·3 oz / c.-7d. (Comit-70% Sm)

062

786063

HOLE 45 LINE 5 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected Wt. gms		
	10-15	6·2	·62	MR 449	0.46	0.46	0.03	0.64
	15-20	7·5	·75	MR 450	0.17	0.17	0.01	0.24
	20-25	12·4	1·24	MR 451	0.07	0.06	0	
	25-30	8·2	·82	MR 452	12.88	12.88	0.79	17.95
	30-34	3·3	·33	MR 453	24.67	24.67	3.76 1.50	85.94 34.39
						38.24		

Value over 33' = $\frac{38.24}{454} \times \frac{27}{0.1951 \times 33}$

= 0.35 lb (Sw)/c.yd.

= 8.07 oz/c.yd. (Consit 70% S)

063

786064

HOLE 46 LINE 5 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No.	Weight gms.	Corrected Wt. gms.	lbs.	oz. Sn
5·11	10 15	6·3	63	MR 454	0 23	0 23	0 01	0 32
	15 20	6 5	·65	MR 455	0 14	0 14	0 01	0 19
	20 25	6 4	64	MR 456	0 19	0 19	0 01	0 26
	25 30	6 8	·68	MR 457	0 20	0 20	0 01	0 28
	30 34	12·5	1·25	MR 458	1·37	1 07	0 20 0 07	4 77 1 49
	Basement 32'					1·83		
		Value over 33'		= 1·83 / 454		x 27 / 0·1951 x 33		
				= 0·017 lb (Sn) / c.yd.				
				= 0·38 oz / c.yd (Cassit 70% Sn)				

064

786065

HOLE 47 LINE 5 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Core No	Weight gms.	Corrected wt. gms		
15-11	15-20	7.5	.75	MR 459	~~0.08~~ 0	0	0	
	20-25	6.8	.68	MR 460	0.08	0.08	0	0.11
	25-30	6.6	.66	MR 461	0	0	0	
	30-34	6.3	.63	MR 462	0.51	0.51	0.03	0.71 ~~0.45~~
						0.59		
		Value over 31'		TRACE				

065

786066

HOLE 45 LINE 5 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Core No	Weight gms.	Corrected V.C. gms		
21-5-11	20-25	6.7	.67	MR 463	0	0	0	
	25-30	7.5	.75	MR 464	0	0	0	
	30-35	10.6	1.06	MR 465	0	0	0	
	35-40	8.6	.86	MR 466	0.17	0.17	0.01	0.24
	40-43	5.2	.52	MR 467	0.17	0.17	0.05 0.01	1.15 0.24
						0.36		
		Value over 4' - TRACE						

066

786067

HOLE 49 LINE 5 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected Wt. gms.		
5-11	20-25	5·6	·56	MR 468	0	0	0	
	25-30	6·2	·62	MR 469	0	0	0	
	30-35	8·8	·88	MR 470	7 05	1 05	043	983
	35 40	8·4	·84	MR 471	5·49	5 491	0·56 0·33	12·75 7·65
						12·5 lb		
		Value	over 39'	= 12·5 lb	x 27			
				454	0·1951	x 39		
				= 0.1 lb (Sn) / c.yd				
				= 2.24 oz / c.yd. (Consit - 70% Sn)				

067

786068

HOLE 50 LINE 5 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected wt. gms.		
S-11	20-25	6·8	·68	MR472	0·08	0·08	0	0·11
	~~25~~ 30	6·6	·66	MR473	0	0		
	30-35	6·9	·69	MR474	7·32	1·32	0·74 0·45	17·00 ~~+0·20~~
						7·60		

Value over 34' = $\frac{7.4}{45\text{ c}} \times \frac{27}{0.1951} \times 34$

= 0·056 lb(Sn)/c.yd.

= 1·52 oz/c.yd (Cassit-70% Sn)

068

786069

MUSSEL ROE RIVER

HOLE 56 LINE 6 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight Sd gms.	corrected Sn Recovery gms	(Sn) Wt/c.yd	
	0-5'	8.4	.84	MR224	3.52	3.52	0.21	4.91
	5-10	10.1	1.01	MR225	0	0		
	10-15	7.9	.79	MR226	0.34	0.34	0.02	~~1.73~~ 0.47
	15-20	10.4	1.04	MR227	0.11	0.10		
	20-25	9.2	.92	MR228	0.16	0.16	0.01	~~1.55~~ .22
	25-30	10.6	1.06	MR229	0.14	0.13		
	30-35	9.0	.90	MR230	0.10	0.10		
	Basement 33'					4.35		

Value over 34' = $\frac{4.35}{454} \times \frac{27}{0.1951 \times 34}$

= 0.04 lb/c.yd. (Sn)

= 0.9 oz./c.yd. (Cassit - 70%Sn)

069

786070

MUSSEL ROE RIVER

HOLE 57 LINE 6 R16

Date	Hole depth	Depth in (ins)	Vol (C.ft)	Code No.	Weight Sn gms.		(Cm) Wt.
	0-5	12.3	1.23	MR178	0	0	
	5-10	6.5	.65	MR179	0	0	
	10-15	10.8	1.08	MR180	0	0	
	15-20	9.0	.90	MR181	0	0	
	20-25	7.4	.74	MR182	0.08	0.08	
	25-30	6.7	.67	MR183	0	0	
	30-35	7.7	.77	MR184	0.18	0.18	0.25 0.01
	35-38	4.3	.43	MR185	0	0	
	Percentage					0.26	

Value on 37' - Trace.

070

MUSSEL ROE RIVER

786071

HOLE 58 LINE 6 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight in gms.		
	0-5	12·6	126	MR231	0·12	0·09	0·01
	5-10	15·9	1·59	MR232	0	0	0
	10-15	15·0	1·50	MR233	0	0	0
	15-20	9·6	·96	MR234	0·10	0·10	0·01 0·14
	~~20-25~~	8·3	·83	MR348	0·01	0·01	
	25-30	7·8	·78	MR225	0·08	0·08	0·
	30-31	3·4	·34	MR236	0	0	0
	... cont 31'					0·28	
		Value over 32'		- Trace			

071

MUSSEL ROE RIVER 786072

HOLE 59 LINE 6 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight Sn gms.	Corrected Sn Recovery gms
	0-5	9.5	.95	MR171	0	0
	5-10	10.4	1.04	MR172	0	0
	10-15	10.7	1.07	MR173	0.11	0.10
	15-20	8.5	.85	MR174	0.18	0.18 0.01
	20-25	8.0	.80	MR175	0	0
	25-30	8.7	.87	MR176	0	0
	30-34	11.0	1.10	MR177	2.99	2.65 0.16
						2.93

Value over 35' = $\frac{2.93}{454} \times \frac{27}{0.1951 \times 35}$

= 0.02 lb (Sn)/cyd

= 0.58 oz/cyd. (Consult - 70% Sn)

072

MUSSEL ROE RIVER

786073

HOLE 60 LINE 6 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	Weight in gms	Comments in Recovery Sp
	5-10	10.7	1.07	MR112	0	0
	10-15	9.5	.95	MR113	0	0
	15-20	10.4	1.04	MR114	0	0
	20-25	11.7	1.17	MR115	0.11	0.09
	25-30	10.1	1.01	MR116	4.22	4.07 0.25 5.67
	30-34	9.2	.92	MR117	0.54	0.54 0.03 0.15
	Basement 296'					4.70

Value per 30' = $\frac{4.7}{454} \times \frac{27}{0.1951 \times 30}$

= 0.05 lb (In)/cyd.

= 1.09 oz/cyd (Cornet - 70% In)

073

786074

MUSSEL ROE RIVER

HOLE 61 LINE 6 RIG

Date	Hole depth	Depth in (ins)	Vol (cuft)	Code No	Weight Sn gms.	Corrected Sn Recovery gms
	10-15'	7.2	.72	MR194	0	0
	15-20	8.4	.84	MR195	0.43	0.43 0.3000 4.65
	20-25	7.3	.73	MR196	3.34	3.34 0.2
	25-26	3.7	.37	MR197	0.52	0.52 0.3077
	Soft formation: 24'					4.29

Value over 25' = $\frac{4.29}{45\#} \times \frac{27}{0.1951 \times 25}$

= 0.05 lb. (Sn) / c.yd.

= 1.2 oz / c.yd. (Comit - 70% Sn)

MUSSEL ROE RIVER

HOLE ~~No~~ 62 LINE No 6 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight Sn gms.	Corrected Sn Recovery gms		oz SnO2 /cu yd (70% Sn)
	5 10	9.5	·95	MR 100	0	0		
	10-15	10·3	1·03	MR 101	0	0		
	15·20	8·4	·84	MR 102	2·06	2-06	0.13	2.87
	20-22	6.0	·60	MR 103	1·46	1·46	0.09	2.03
	Bore cut 20'0"					3.52		

$$\text{Value over } 21' = \frac{3.52}{454} \times \frac{27}{0.1951 \times 21}$$

$$= 0.05 \text{ lb (Sn) / c. yd.}$$

$$= 1.16 \text{ oz / c. yd (Conc}^{t}\text{ - 70\% Sn)}$$

076

786076

HOLE ~~62~~ 62A LINE 6 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Core No	Weight gms.	Core wt. gms		
	15-20	6·4	·64	MR 489	0	0	0	
	20-25	7·2	·72	MR 490	0	0		
	25-30	8·0	·80	MR 491	0	0		
	30-37'-6"	8·5	·85	MR 492	0·23	0·1	0·32	
	Basement	37'?				0·23		

Value over 38' - TRACE.

075

786077

MUSSEL ROE RIVER

HOLE 63 LINE 6 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight Sn grams	Corrected Sn Recovery grams	(Sn)
	0-5	6.2	.62	MR132	0	0	
	5-10	7.5	.75	MR133	0	0	
	10-15	9.4	.94	MR134	0.07	0.07	
	15-20	8.0	.80	MR135	0.24	0.24 001	0.01
	20-24½	7.3	.73	MR136	20.09	20.09 1.23	2801
	Amount 23'					20.40	

Volume over 24' = $\frac{20.40}{454} \times \frac{27}{0.1951 \times 24}$

= 0.26 lb (Sn) / c.yd.

= 5.9 oz / c.yd (Cornit - 70% Sn)

077

MUSSEL ROE RIVER

786078

HOLE 63A LINE 6 RIG

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No.	weight Su gms.			
	5-10	5.0	.50	MR198	0	0	0	
	10-15	6.8	.68	MR199	0.10	0.10	0.01	0.13
	15-20	7.11	.71	MR200	0	0	0	
	20-25	7.6	.76	MR201	0	0	0	
	25-30	10.4	1.04	MR202	0.07	0.07	0	
						0.17		
		Value on 31'		- Trace.				

078

786079

HOLE 63B LINE 6 RIG

	Hole depth	Depth in packet	Vol. (cu ft)	Code No	Weight gms.	Corrected Wt. gms		
5-11	15-20	6·8	·68	MR 493	0	0	0	
	20-25	7·2	·72	MR 494	0	0	0	
	25-30	5·1	·51	MR 495	0	0	0	
	30-32	6·6	·66	MR 496	0·35	0·35	0·02	0·49
	Basement 31'?					0·35		
	Value over 31' - TRACE							

679

786080

HOLE 63C LINE 6 RIG

No	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected wt. gms.
4 5·11	5·10	6·8	·68	MR 497	0.19	0.01 0.26
	10·14	6·9	·69	MR 498	0	0 0
				1		0.19
	Basement 13'?					
		Value over 13' - TRACE.				

080

786081

MUSSELL ROE RIVER

HOLE 84 LINE 8 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Circle No	Weight gms	Corrected Wt. gms		
	15-20	8.2	.82	MR 349	0.56	0.54	0.03	0.78
	20-25	7.1	.71	MR 350	0.06 0	0.06 0	0 0	
	25-27	6.4	.64	MR 351	0.13	0.13	0.04 0.01	0.90 0.219
	26'					0.75		
		Value over 27' =		0.75 / 450 × 27 / 0.1951 × 27				
		=		0.008 lb (Ln)/c.yd				
		=		0.19 oz/c.yd. (Consit-70% Ln)				

081

MUSSELL ROE RIVER 786082

HOLE 85 LINE 8 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No.	Weight gms.	Correction Wt. gms.		
	15-20	8·7	·87	MR 752	0·01	0·01	=	
	20-25	8·1	·81	MR 753	0·30	0·30	0·02	0·42
	25-28	9·4	·94	MR 754	3·02	3·02	0·31 0·18	7·01 4·24
						3·33		
		Volume over 29'		= 3·33 / 454	x 27 / 0·195 x 25			
				= 0·035 lb (Sn) / cu yd				
				= 0·8 oz / cu yd (Cassit - 70% Sn)				

082

MISSELL ROE RIVER 786083

HOLE 86 LINE 8 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Circle No	Weight gms.	Corrected Wt. gms.
	5-10	7·1	·74	MR 755	0.01	0.01 0
	10-15	5 2	·52	MR 756	0.01	0.01 0
	15-20	6·1	·61	MR 757	0·01	0.01 0
	20-25	5·7	·57	MR 358	0 02	0.02 0
	25-30	5·5	·55	MR 759	0·98	0.95 0.04 1.12 ~~1.07~~
						1·03
		Value over 33'		= 1·03	x 27	
				45#	0·1951 x 33	
				= 0·0116 (Sn) / c.yd.		
				= 0·22 oz / c.yd / Consit-70% Sn		

083

MUSSELL ROE RIVER

786084

HOLE 87 LINE 8 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Circle No.	Weight gms.	Correction Wt. gms		
	0-5	0·4	·64	MR360	0	0	0	
	5-10	8·0	·80	MR361	0	0	0	
	10-15	4·5	·45	MR762	0.02	0·02	0	·03
	15-20	4·4	·44	MR367	0.01	0·01	0	
	20-25	4·8	·48	MR364	0.35	0·35	0·02	0·49
	25-30	6·1	·61	MR365	0.96	0·96	0·06	1·34
	30-36	6·7	·67	MR366	1.14	1·14	0·07	1·59
						2·48		

Volume over 36' = 2·48 / 454 × 27 / 0.1951 × 36

= 0.02 16 (Sn) / c.yd.

= 0.48 oz / c.yd (Comm-70% Sn)

084

MUSSELL ROE RIVER

786085

HOLE 88 LINE 8 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight (5m) gms.	Corrected wt. gms		
	15-20	13·1	1·21	MR367	3·15	2·35	0·14	3·28
	20-23½	10·6	1·06	MR368	0	0	0	
						2·36		
		Value over 23'		= 2·35 / 45	x 27 / 0.195 x 23			
				= 0·03	lb (5m) / c.yd.			
				= 0·71 oz / c.yd (Commit-70% 5m)				

055

786086

HOLE 80 LINE 8 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected Wt. gms.		
5-71	5-10	8-4	.84	MR475	0.07	0.07	0.0	0.10
	10 15	7·2	·72	MR476	0.05	0.05	0	0.07
	15 ·20	7·9	·79	MR477	0	0	0	
	20 ·25	8·5	·85	MR478	0	0	0	
	25 ·30	5·5	·55	MR479	0 21	0 21	0·01	0·29
						0 3 3		
		Volume over 26' - TRACE.						

086

786087

HOLE 90 LINE 8 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected wt. gms		
5·11	5-10	6·2	·62	MR 480	0	0	0	
	10-15	7·3	·73	MR 481	0	0	0	
	15-20	6·4	·64	MR 482	0	0	0	
	20-27	8·5	·85	MR 483	1·93	1·93	0·12	2·69
						1.93		
		Value over 26'		= 1·93	x 27			
				454	0.1951 x 26			
				= 0·02	16(Sn)/c.yd			
				= 0·52 oz/c.yd (Comit 70% Sn)				

087

786088

HOLE ~~9~~ 91 LINE 8 RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No.	Weight gms.	Corrected wt. gms		
11	5-10	8·5	·85	MR 484	0	0	0	
	10 15	10·6	1·06	MR485	0	0	0	
	15 - 20	8·7	·87	MR 486	0·07	0 07	0	0.10
	20 25	78	·78	MR 487	1·75	1 75	0 11	2·44
	25 - 32	12·3	1·23	MR 488	3·22	2 55	0 16	3·55
						4·37		

Volume over 31' = 4·37 × 27

454 0·1951 × 31

= 0·04 lb (Sn) / c.yd.

= 0·98 oz / c.yd. (Consist-70%)

083

786089

HOLE [redacted] LINE [redacted] RIG

	Hole depth	Depth in bucket	Vol. (cu ft)	Code No	Weight gms.	Corrected wt. gms.
	15-20'			MRS 1	0.01	
	20'-25'			MRS 2	0.02	
	25'-30'			MRS 3	{illegible}	
	30'-35'			MRS 4	65.31	
					72.55	

Approximate* Value over 35' = $\frac{72.55}{454} \times \frac{27}{0.1951 \times 36}$

= 0.61 lb(Sn)/c.yd.

= 14.04 oz/c.yd. (Const - 70% Sn)

* No record seems to be available for these samples.

089 786090

Mussel Roe River

Hole # 1 Line U2 Rig

Date	Hole depth	Depth in (ins)	Vol (cu.ft)	Code No.	Weight SW gms.	Concentrate Wt. Sn gms	(Sn) % [illegible]	
	0-5	5.2	·52	MRU. 1	0.08	0.08		
	5-10	5.3	·53	MRU. 2	0.03	0.03		
	10-15	1.3	·13	MRU. 3	0.02	0.02		
	15-20	7.1	·71	MRU 4	0.35	0.35	0.02 -	0.4°
	20-25	6.5	·65	MRU 5	0.09	0.09		
	25-27	4.0	·40	MRU 6.	0.22	0.22	0.06	0.31
	[illegible] 26'					0.79		

Value over 26' $= \frac{0.79}{454} \times \frac{27}{26 \times 0.1951}$

$= 0.01$ lb (Sn) / c. yd.

$= 0.21$ g / c. yd. (Conc't - 70% Sn)

Drilled on UTAH LINE 2

between holes 110 + 196.

030

786091

Mussel Roe River

Hole 2 Line U2 Rig. Percussion

Date	Hole depth	Depth in (ins)	Vol (cu ft)	Code No	Weight Sn gms.	Corrected Recovery gms	Sn Weight	oz.
	0-5	5.6	0.56	MRU7	0.19	0.19	0.01	0.26
	5-10	4.0	0.40	MRU8	0.57	0.57	0.02	0.79
	10-15	5.1	0.51	MRU9	2.37	2.37	0.14	3.30
	15-20	5.0	0.50	MRU10	5.88	5.88	0.60	8.19
	bedrock 18'					9.01		

Value over 19' = $\frac{9.01}{454} \times \frac{27}{0.1951 \times 19}$

= 0.14 lb (Sn)/cyd.

= 3.3 oz/cyd (Cornet - 70% Sn)

Drilled on UTAH LINE 2

between holes 110 + 195

091

786092

Mussel Roe River

Hole 2 Line U2 Rig Percussion

ite	Hole depth	Depth in (ins)	Vol (cu ft)	Code No	weight Sn grms.	Corrected Sn Recovery grms	Sn Weight oz.
	0-5	5.6	0.56	MRU7	0.19	0.19	0.26
	5-10	4.0	0.40	MRU8	0.57	0.57	0.79
	10-15	5.1	0.51	MRU9	2.37	2.37	3.30
	15-20	5.0	0.50	MRU10	5.88	5.88	8.19
	Basement 18'					9.01	

Value over 19' = $\frac{9.01}{454} \times \frac{27}{0.1951 \times 19}$

= 0.14 lb (Sn)/cyd.

= 3.3 oz/cyd (Comit - 70% Sn)

Drilled on UTAH LINE 2

between holes 110 + 195

092

786093

MUSSEL ROE RIVER

Hole 3 Line U2 Rig. Percussion

te	Hole depth	Depth (ins)	Vol (cu ft)	Code No.	Weight Sn gms.	Corrected Sn content (Sn) gms/cu yd		
	0-5	14.4	1.44	MRU 11	0.21	0.14		
	5-10	8.0	.80	MRU 12	0.24	0.24	0.01	0.33
	10-15	4.7	.47	MRU 13	11.34	11.34	0.69	15.81
	15-20	5.5	.55	MRU 14	1.20	1.20	0.12	1.67
	20-22	4.2	.42	MRU 15	0.76	0.76		
	Sediment 20					13.68		

Value over 21' = $\frac{13.68}{454} \times \frac{27}{0.1951 \times 21}$

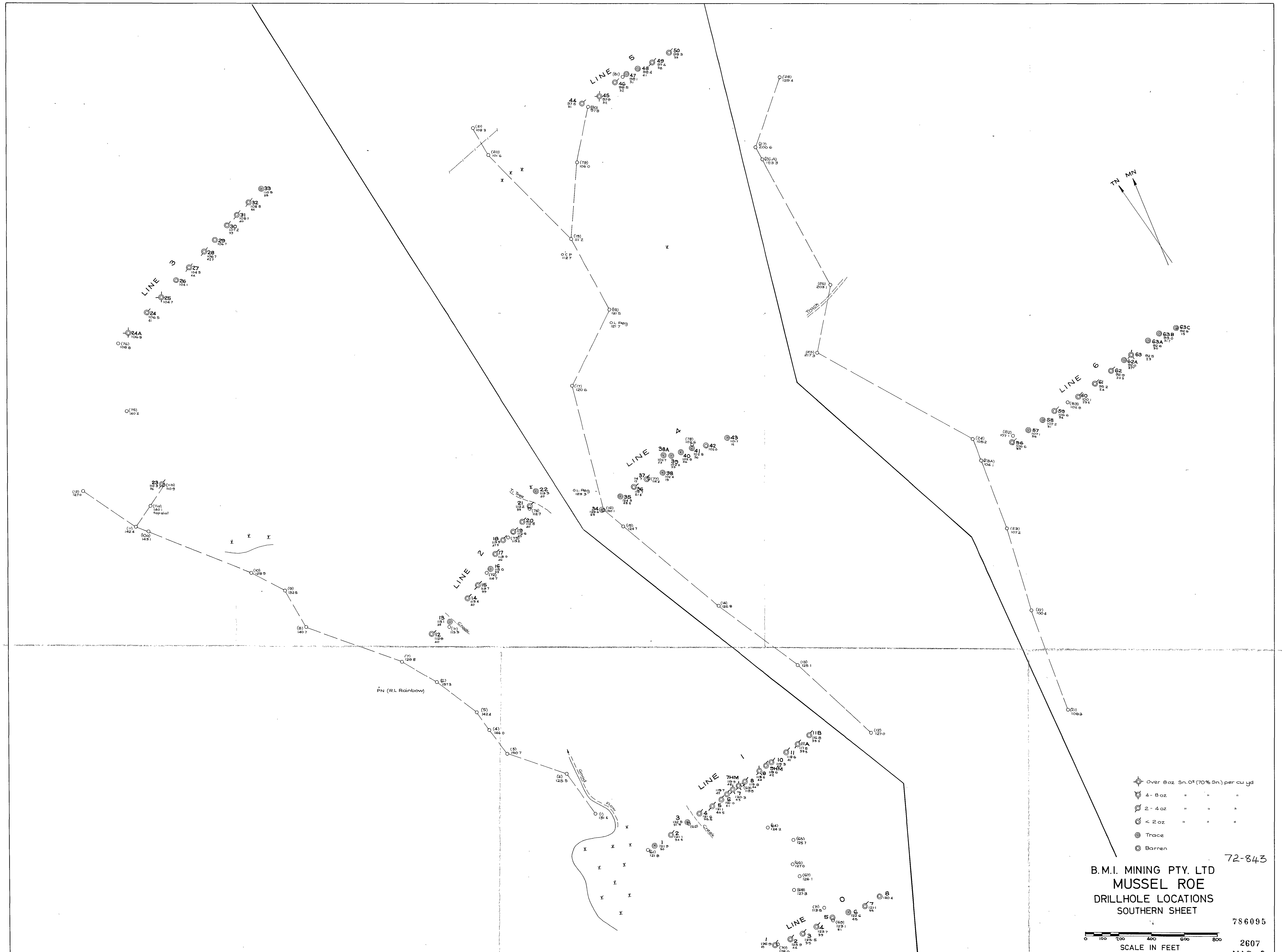
= 0.198 lb (Sn)/cu yd.

= 4.5 oz/cu yd (Cassit - 70% Sn)

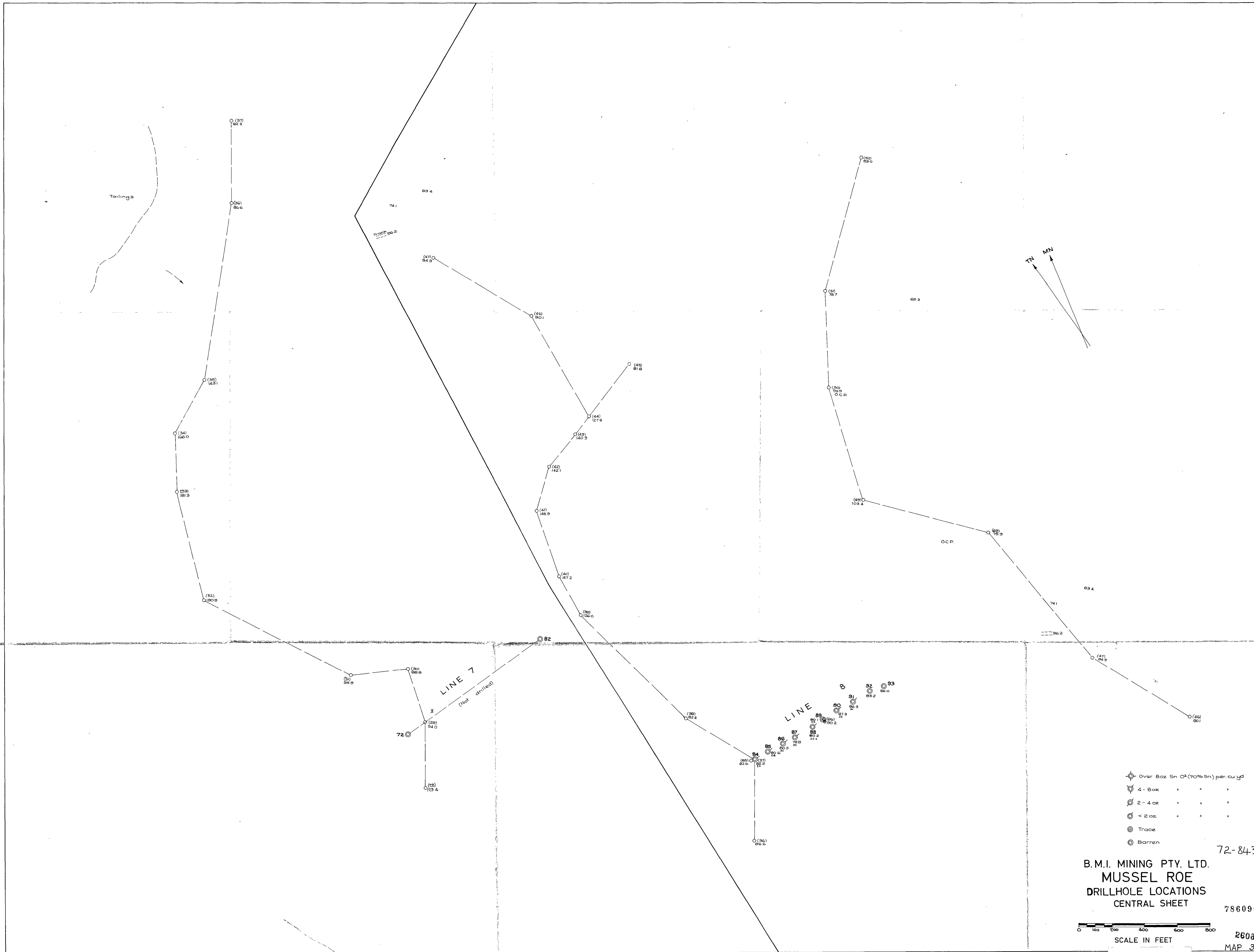
Drilled on UTAH LINE 2

between holes 109 • 195

Drilling by Storey's Creek Tin Mining Co. N.L. indicating approx 1,500,000 cu.yd. at 0·12 lb Sn/cu.yd.
S.P.L. 86 5 sq. mi.
E. K. KING.
LINE 12 Not drilled
LINE 11 Not drilled.
RIVER
ELIZABETH WORKINGS
LINE 10 Not drilled
316 ac. EXEMPT FROM MINING ACT 1929 S.P. 1961 Nº 99
Drilling by Department of Mines 1953 (See F1, Table J, Utah Report Nº 130.
UTAH LINE 2
LINE 9 Not drilled
Drilling by Department of Mines, 1953 indicating 90,000 cu.yd. at 0·31 lb Sn/cu.yd. (See E, Table J, Utah Report Nº 130)
ROE
LINE 8
S.P.L. 77 1440ac.
R. C. LAWRY.
TRACEY WORKINGS
LINE 7 Not drilled
LINE 6
LINE 5
MUSSEL
LINE 4
LINE 3
LINE 2
LINE 1
LINE 0
GREAT
EASTERN TERRACE WORKINGS
R. L. RAINBOW 15 - 40 ac. Lease
N
UTAH LINE 2: 1 (26), 2 (18), 3 (20)
LINE 8: 84 (26), 85 (28), 86 (32), 87 (35), 88 (22.5), 89 (25), 90 (25), 91 (30), 92, 93
LINE 7: Not drilled.
LINE 6: 56 (33), 57 (36), 58 (31), 59 (34), 60 (29.5), 61 (24), 62 (20.5), 62A (31?), 63 (23), 63A (30), 63B (31?), 63C (13)
LINE 5: 44 (31), 45 (32), 46 (32), 47 (31), 48 (41), 49 (38), 50 (33), 51, 52, 53, 54 — Not drilled.
LINE 4: 34 (23), 35 (25.5), 36 (21.5), 37 (17), 38 (19), 38A (23), 39 (33), 40 (36), 41 (36), 42, 43 (15)
LINE 3: 24A (35), 23 (36), 24 (41), 25 (43), 26, 27 (44), 28 (42?), 29, 30 (39), 31 (40), 32 (44), 33 (38)
LINE 2: 12 (40), 13 (35), 14 (40), 15 (39), 16 (39), 17 (46), 18 (47.5), 19 (45), 20 (40), 21 (39), 22 (40)
LINE 1: 1 (30), 2 (34.5), 3 (31.5), 4 (38.5), 5 (46.5), 6 (41), 6HM (45), 7 (43), 7HM (42), 8 (44), 9 (44), 9HM (42), 10 (40), 11 (41), 11A (39.5), 11B (39.5)
LINE 0: 1 (43), 2 (44), 3 (39), 4 (39), 5 (51), 6 (48), 7 (55), 8
B.M.I. Mining Pty. Ltd. sample holes.
U.D.C. drill holes. • Auger drilling. • Sample drilling.
Previous drill holes (Dept. of Mines & Storey's Ck. Tin Mining)
Trend of Lower Tertiary (Stage 1) leads (definite.)
Trend of Lower Tertiary (Stage 1) leads (inferred.)
Trend of Upper Tertiary (Stage 3) leads (definite.)
Trend of Upper Tertiary (Stage 3) leads (inferred.)
LEGEND
over 8 oz Sn O2 (70% Sn) per cu. yd.
4 - 8 oz " " " " " " "
2 - 4 oz " " " " " " "
< 2 oz " " " " " " "
Trace
Barren
5 cm
1000 500 0 1000 2000 3000 Feet.
786094
72-843
MAP 1
B.M.I. MINING PTY. LTD.
MUSSEL ROE SWAMP
DRILL LOCATIONS
2606
SEPT 1971



LINE 1
LINE 2
LINE 3
LINE 4
LINE 5
LINE 6
LINE 0
TN
MN
PN (R.L Rainbow)
Track
Creek
Over 8oz Sn.O2 (70% Sn.) per cu yd
4 - 8oz
2 - 4oz
< 2oz
Trace
Barren
72-843
B.M.I. MINING PTY. LTD
MUSSEL ROE
DRILLHOLE LOCATIONS
SOUTHERN SHEET
786095
0 100 200 400 600 800
SCALE IN FEET
2607
MAP 2



Tailings
LINE 7
(Not drilled)
LINE 8
TN
MN
O.C.P.
Over 8oz Sn O² (70% Sn.) per. cu yd
4 - 8oz " " "
2 - 4 oz " " "
< 2 oz " " "
Trace
Barren
72-843
B.M.I. MINING PTY. LTD.
MUSSEL ROE
DRILLHOLE LOCATIONS
CENTRAL SHEET
786096
0 100 200 400 600 800
SCALE IN FEET
2608
MAP 3
5 cm