MOUNT BISCHOFF JOINT VENTURE

HOLE N°: MBD 127

Objective and Anticipated Lengths to Targets: To test Queen Dyke.

Drilling Commenced: 19/11/81 Drilling Completed: 24/11/81 Drilling Contractor: PARRY EXPL. DRILLING Rig Type: BOYLES

Bearing of Hole: -

Angle of Hole: -90°

Final Depth of Hole: 109.4 m

Core Sizes: NQ

From 6.0 To 109.4 = 103.4

From To =

From To =

From To =

From To =

Logged By: N.R. Langsford

Date Logged: 3/12/81

Stored Rack N°:

Length From Collar	Mid Point and End	Survey Data: Length Between M.P	Dip	Grid Brg	Mag Brg	Collar and Change Points: Length to C.P	North	East	R.L.
	0					0	2135.02	1399.92	698.10
0		22.5	90°	-					
	22.5					22.5	2135.02	1399.92	675.60
45.0		37.5	89.5°	027°	357°				
	60.0					60.0	2135.31	1400.07	638.10
75.0		32.2	88.5°	096°	066°				
	92.2					92.2	2135.22	1400.91	605.91
109.4		17.2	89°	146°	116°				
	109.4					109.4	2134.97	1401.07	588.72
-109.4									

Survey By: Date:

Calculated By: R.J. REID Date: 10/12/81

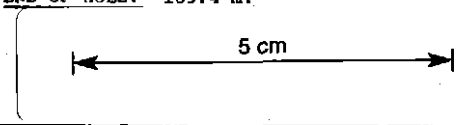
832657

HOLE N°: MBD 127

644

832658 645

DEPTH (length from collar)	INTERVAL	DEPTH from - to : ROCK UNIT (CAPITAL LETTERS, UNDERLINED) Depth Description and notes (INDENTED ABOUT 10mm)	POINTER & CODE	GRAPHIC LOG	POINTER & CODE	MINERALISATION	ASSAYS AVAILABLE	BULKED ASSAYS Ni
0	6.0	0 - 6.0: NO CORE.						
	56.5	6.0 - 62.5: Interbedded grey SILTSTONES and QUARTZITES with minor interbeds of SANDSTONE and black SHALE. Pale grey to green, faintly laminated. Slump bedding with sandstone interbeds and clasts below 30 m. In upper 20 m, yellow clay and limonite along joints. Minor silicification at contact.		10/ 11		Very minor disseminated pyrite, few thin pyrite veins.		
20								
40								
60								
	27.1	62.5 - 89.6: PORPHYRY. Grey to light brown altered qutz-feldspar porphyry, strongly pyritic in part. Generally porous and weathered. Much sulphide leached out. Soft zones of white clay are strongly weathered porphyry. Limonite common along steeply dipping irregular joints and open veins.		1		When fresh porphyry contains 15-20% disseminated pyrite. Minor cross cutting pyritic veins and open veins containing limonite and acicular.		
80								
	19.8	89.6 - 109.4: Interbedded grey QUARTZITES and SILTSTONES. Thinly bedded siltstones show slump and flaser bedding with clasts and contorted beds of f.g. sandstone. Strongly brecciated and pyritized zone 97.8 - 99.8 m. Quartzite dominant below 104 m.		11/ 10		Minor disseminated pyrite, and thin py-qutz veinlets. Strongly pyritic zone (20% py) 97.8 - 99.8 m. Brecciated pyritic zone (10%) 102.5-103.4m.		
100								
120		END OF HOLE: 109.4 m.						



NOTES 1 FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D A BERKMAN & W R RYALL (EDS), MONOGRAPH NO 9 AUSTRALAS INST MIN METALL - 1976
2 ATTITUDE OF BEDDING, VEIN, ETC IS ANGLE BETWEEN PLANAR STRUCTURE AND LONG AXIS OF CORE 3 LENGTH IS GIVEN AS METRES OR MILLIMETRES

FOR LEGEND SEE DRAWING NO

METALS EXPLORATION LIMITED

SUMMARY DRILL LOG Scale

Prospect or project: Mt. Bischoff Tin

HOLE No. MBD 127

LOG SHEET 2 OF 2

SAMPLE NO. SPLIT CORE	SAMPLE NO GROUND CORE	FROM m	TO m	INTERVAL m	Sn SPLIT	Sn GROUND	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
	144747	6.0	8.0	2.0		22								
	48	8.0	10.0	"		20								
	49	10.0	12.0	"		18								
	750	12.0	14.0	"		14								
	51	14.0	16.0	"		14								
	52	16.0	18.0	"		12								
	53	18.0	20.0	"		22								
	54	20.0	22.0	"		16								
	55	22.0	24.0	"		30								
	56	24.0	26.0	"		26								
	57	26.0	28.0	"		110								
	58	28.0	30.0	"		30								
	59	30.0	32.0	"		24								
	760	32.0	34.0	"		24								
	61	34.0	36.0	"		22								
	62	36.0	38.0	"		20								
	63	38.0	40.0	"		24								
	64	40.0	42.0	"		70								
	65	42.0	44.0	"		40								
	66	44.0	46.0	"		330								
	67	46.0	48.0	"		22								
	68	48.0	50.0	"		36								
	69	50.0	52.0	"		42								
	770	52.0	54.0	"		38								
	71	54.0	56.0	"		170								
	72	56.0	58.0	"		60								
	73	58.0	60.0	"		120								
	74	60.0	62.0	"		100								
	75	62.0	64.0	"		70								
148316		64.0	65.2	1.2	46									

Sample NO SPLIT CORE	FROM m	TO m	INTERVAL m	Sn SPLIT
148340	60.0	61.5	1.5	740
41	61.5	62.5	1.0	1900
42	62.5	63.5	"	3900
43	63.5	64.5	"	4450
44	64.5	65.5	"	580

Notes :— XRF B1 method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 127

SAMPLE TYPE : DRILL CORE FROM 6.0 TO 65.2

Grind

SAMPLE NO. SPLIT CORE	SAMPLE NO GROUND CORE	FROM m	TO m	INTER.VAL m	Sn SPLIT	Sn GROUND	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
148317		65.2	67.0	1.8	370									
18		67.0	68.0	1.0	900									
19		68.0	69.0	"	2400									
320		69.0	70.0	"	2300									
21		70.0	71.0	"	5700									
22		71.0	72.0	"	5100									
23		72.0	73.0	"	6200									
24		73.0	74.0	"	1.31%	*								
25		74.0	75.0	"	1.07%	*								
26		75.0	76.0	"	5200									
27		76.0	81.0	5.0	5800									
28		81.0	82.0	1.0	1300									
29		82.0	83.0	"	4300									
330		83.0	84.0	"	1950									
31		84.0	85.0	"	4250									
32		85.0	86.0	"	1.14%	*								
33		86.0	87.0	"	4400									
34		87.0	88.0	"	9900									
35		88.0	89.0	"	1850									
36		89.0	89.6	0.6	1050									
148367		89.6	90.6	1.0	1150									
	144776	90.6	92.6	2.0		270								
	77	92.6	94.6	"		300								
	78	94.6	97.0	2.4		900								
148337		97.0	98.0	1.0	240									
38		98.0	98.9	0.9	2300									
39		98.9	100.3	1.4	220									
	144779	100.3	102.3	2.0		210								
	780	102.3	104.3	"		1050								
	81	104.3	106.3	"		580								

Notes:— XRF B1 method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 127

SAMPLE TYPE : DRILL CORE FROM 65.2 TO 106.3

NQ split

647

SAMPLE NO. SPLIT CORE	SAMPLE NO GROUND CORE	FROM m	TO m	INTERVAL m	Sn SPLIT	Sn GROUND	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
	144782	106.3	108.3	2.0		140								
	83	108.3	109.4	1.1		1150								

Notes :— XRF BI Method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 127

SAMPLE TYPE : DRILL CORE FROM 106.3 TO 109.4

Grind

822661

648