MOUNT BISCHOFF JOINT VENTURE

HOLE N°: MBD 120

Objective and Anticipated Lengths to Targets: To locate and test DSL in approximate interval 50.0 - 65.0 m.

Drilling Commenced: 26/10/81 Drilling Completed: 28/10/81 Drilling Contractor: PARRY EXPL. DRILLING Rig Type: BOYLES 37

Bearing of Hole: 360°

Angle of Hole: -50°

Final Depth of Hole: 76.0 m

Core Sizes:

From 0 To 7.0 = TRICONE

From 7.0 To 76.0 = NQ

From To =

From To =

From To =

Logged By: D. COMPSTON

Date Logged: 6/11/81

Stored Rack N°:

Length From Collar	Mid Point and End	Survey Data: Length Between M.P	Survey Data: Dip	Survey Data: Grid Brg	Mag Brg	Collar and Change Points: Length to C.P	North	East	R.L.
	0					0	1892.01	1060.96	626.17
0		22.5	50°	360°					
	22.5					22.5	1906.47	1060.96	608.93
45.0		38.0	50.5°	358°	328°				
	60.5					60.5	1930.63	1060.12	579.61
76.0		15.5	51°	01°	331°				
	76.0					76.0	1940.38	1060.29	567.57
-76.0									

Survey By: Date:

Calculated By: R.J. REID Date: 3/11/81

HOLE N°: MBD 120

8325591

579

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

NOTES 1. FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D A BERKMAN & W R RYALL (ED), 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

7.0	0 - 7.0: TRICONED. Not cored.				
31.6	7.0 - 38.6: DOLOMITE SULPHIDE LODE. 7.0 - 14.0: Weathered and leached py - qtz-carb DSL. Poor recovery zone. 14.0 - 25.4: 55% bronze po 45% mottled qtz-carbonate 25.4 - 30.5: 40% mottled qtz-carbonate 35% pale green talc 25% po & py. Disseminated and occasional aggregates and veins. 30.5 - 38.6: 65% bronze po 35% disseminated qtz-carbonate. Common coarsely disseminated fluorite. Up to]0% fine black cassiterite - e.g. about 34.7 m.		4/8	7.0 - 14.0: 40% weathered py in bands and aggregates. 14.0 - 25.4: 55% po - almost massive in parts. Trace cpy finely disseminated. 25.4 - 30.5: po, py - 25% po as irregular veins and disseminated. Py finely disseminated. 30.5 - 38.6: as for 14.0-25.4. Up to]0% fine black cassiterite. e.g. at 34.7 m.	
0.7	38.6 - 39.3: PORPHYRY. White, translucent matrix.		1	15% coarsely disseminated po.	
30.9	39.3 - 70.2: DOLOMITE SULPHIDE LODE. 55-60% massive bronze po, with lesser qtz-carbonate and minor fluorite disseminated. Occasional thin veins of amorphous py.		4/8	55-60% medium grained bronze po. Almost massive in parts. Trace finely disseminated cpy and coarser arsenopy.	
5.8	70.2 - 76.0: SILTSTONE. Srrongly disrupted medium grey stilstone. Occasional bands of po - esp 70.2-71.0. Rare py, po and carb stringers and veins.		10	1-2% po py. Po as veins and stringers. Also as bands up to] cm. Minor py veins.	
	END OF HOLE: 76.0 m.				

5 cm

832592

FOR LEGEND SEE DRAWING NO

METALS EXPLORATION LIMITED

SUMMARY DRILL LOG Scale

Prospect or project: Mt. Bischoff Tin

HOLE No. MBD 120

LOG SHEET 2 OF 2

SAMPLE NO.	SAMPLE NO	FROM	TO	INTERVAL	Sn	Sn	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
198092		7.0	12.3	5.3	6300									
93		12.3	14.0	1.7	6800									
94		14.0	15.0	1.0	1.05%									
95		15.0	16.0	"	1.64%	*								
96		16.0	17.0	"	9200									
97		17.0	18.0	"	6000									
98		18.0	19.0	"	7800									
99		19.0	20.0	"	1.23%	*								
198100		20.0	21.0	"	1.31%	*								
01		21.0	22.0	"	4.02%	*								
02		22.0	23.0	"	1.05%									
03		23.0	24.0	"	1.38%	*								
04		24.0	25.0	"	3950									
05		25.0	26.0	"	5400									
06		26.0	27.0	"	1.12%									
07		27.0	28.0	"	7800									
08		28.0	29.0	"	1.16%									
09		29.0	30.0	"	4900									
110		30.0	31.0	"	3.59%	*								
11		31.0	32.0	"	9200									
12		32.0	33.0	"	2.40%	*								
13		33.0	34.0	"	7.25%	*								
14		34.0	35.0	"	9.80%	*								
15		35.0	36.0	"	1.41%	*								
16		36.0	37.0	"	1.71%	*								
17		37.0	38.6	1.6	2300									
18		38.6	39.3	0.7	430									
19		39.3	40.0	0.7	940									
120		40.0	41.0	1.0	3.30									
21		41.0	42.0	"	4500									

8329693

Notes :— XRF Bi method
Cu by AAS
* Being redetermined by Code BE.

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 120

SAMPLE TYPE : DRILL CORE FROM 7.0 TO 42.0

No Split

SAMPLE NO.	SAMPLE NO	FROM	TO	INTER. VAL	Sn	Sn	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
148/122		42.0	43.0	1.0	6600									
23		43.0	44.0	"	4100									
24		44.0	45.0	"	3150									
25		45.0	46.0	"	1450									
26		46.0	47.0	"	8300									
27		47.0	48.0	"	7100									
28		48.0	49.0	"	160									
29		49.0	50.0	"	310									
130		50.0	51.0	"	5100									
31		51.0	52.0	"	5600									
32		52.0	53.0	"	2550									
33		53.0	54.0	"	4750									
34		54.0	55.0	"	2.08%	*								
35		55.0	56.0	"	1.06%									
36		56.0	57.0	"	1.20%	*								
37		57.0	58.0	"	2650									
38		58.0	59.0	"	1.01%									
39		59.0	60.0	"	1.44%	*								
140		60.0	61.0	"	8800									
41		61.0	62.0	"	1.55%	*								
42		62.0	63.0	"	5300									
43		63.0	64.0	"	8100									
44		64.0	65.0	"	3.10%	*								
45		65.0	66.0	"	1.15%									
46		66.0	67.0	"	1.39%									
47		67.0	68.0	"	910									
48		68.0	69.0	"	2250									
49		69.0	70.0	"	1000									
150		70.0	71.0	"	330									
51		71.0	72.0	"	180									

Notes:— XRF Bi method
Cu by AAS

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 120

SAMPLE TYPE : DRILL CORE FROM 42.0 TO 72.0

½ NQ

8325/4

582

SAMPLE NO.	SAMPLE NO	FROM	TO	INTER-VAL	Sn	Sn	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
	144523	72.0	74.0	2.0		9600								
	24	74.0	76.0			980								

Notes:— XRF B1 method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 120

SAMPLE TYPE: DRILL CORE (Grind) FROM 72.0 TO 76.0

83259

583