MOUNT BISCHOFF JOINT VENTURE

HOLE N°: MBD 126

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

Drilling Commenced: 18/11/81 Drilling Completed: 19/11/81 Drilling Contractor: PARRY EXPL. DRILLING Rig Type: BOYLES

Bearing of Hole: 180°

Angle of Hole: -60°

Final Depth of Hole: 55 m

Core Sizes: NQ

From 4.0 To 55.0 = 51.0 m

From To =

From To =

From To =

From To =

Logged By: N.R. Langsford

Date Logged: 2/12/81

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	2094.86	1379.93	694.57
0		12.5	60°	180°					
	12.5					12.5	2088.61	1379.93	683.74
25.0		27.5	60°	181.5°	151.5°				
	40.0					40.0	2074.86	1379.57	659.93
55.0		15.0	61°	181°	151°				
	55.0					55.0	2067.59	1379.44	646.81
~55.0									

Survey By: Date:

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

832653 HOLE N°: MBD 126

640

832654 641

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	2.0	0 - 2.0: NO CORE.						
20	26.5	2.0 - 28.5: Grey fine grained faintly laminated SILTSTONES and interbedded QUARTZITES, thinly bedded. White medium grained SANDSTONE as thin interbeds and clasts in slump structures below 20 m. Core very broken by bedding plane parting joints, and irregular fractures. Brown tourmaline? alteration below 25 m. Narrow zone of silicification near contact.		11/10		Minor disseminated pyrite, few thin pyrite - qutz veins 1-3 mm wide, minor pyrite in "feathered" fractures in quartzite sections.		
40	15.0	28.5 - 43.5: Grey to light brown altered PORPHYRY 15-20% quartz phenocrysts up to 10 mm in fine gr. ground moss. Pyrite up to 20%, some as tabular grains replacing feldspar. Pyrite replacement not as complete near contacts, porphyry also finer grained.		1		Up to 20% disseminated pyrite, mainly 5-10 mm, minor asp, sph, cass. Thin qutz-cass-py-asp veins up to 10 mm. Cass. crystals visible in vughs 44-45 m.		
60	11.5	43.5 - 55.0: Light grey fine grained faintly laminated irregularly bedded SILTSTONES. Slumps and flaser bedding common, with contorted pale SANDSTONE interbeds and clasts.		11/10		5 cm wide pyrite veins at 48.2, 48.5 m, minor disseminated pyrite and pyrite-quartz veinlets.		
		END OF HOLE: 55.0 m.						

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

5 cm

FOR LEGEND SEE DRAWING NO

METALS EXPLORATION LIMITED

SUMMARY DRILL LOG Scale

Prospect or project: Mt. Bischoff Tin

HOLE No. MBD 126

LOG SHEET 2 OF 2

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
	144730	4.0	6.0	2.0		24								
	31	6.0	8.0	"		20								
	32	8.0	10.0	"		36								
	33	10.0	12.0	"		36								
	34	12.0	14.0	"		22								
	35	14.0	16.0	"		32								
	36	16.0	18.0	"		30								
	37	18.0	20.0	"		22								
	38	20.0	22.0	"		310								
	39	22.0	24.0	"		130								
	740	24.0	26.0	"		130								
	41	26.0	27.8	1.8		470								
148299		27.8	28.8	1.0	1100									
148300		28.8	29.8	"	1600									
01		29.8	30.8	"	2200									
02		30.8	31.8	"	1800									
03		31.8	32.8		2500									
04		32.8	33.8	"	3300									
05		33.8	34.8	"	7900									
06		34.8	35.8	"	9700									
07		35.8	36.8	"	1850									
08		36.8	37.8	"	3350									
09		37.8	38.8	"	7400									
310		38.8	39.8	"	2050									
11		39.8	40.8	"	3300									
12		40.8	41.8	"	4050									
13		41.8	42.8	"	1000									
14		42.8	43.8	"	660.									
15		43.8	44.5	0.7	110									
	144742	44.5	46.5	2.0		100								

Notes:— XRF Bl method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 126

SAMPLE TYPE: DRILL CORE FROM 4.0 TO 46.5

Grind

032655

642

SAMPLE NO.	SAMPLE NO	FROM	TO	INTERVAL	Sn	Sn	Cu	Pb	Zn	g	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
	144743	46.5	48.5	2.0		780								
	44	48.5	50.5	"		85								
	45	50.5	52.5	"		38								
	46	52.5	55.0	2.5		32								

Notes :—

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 126

SAMPLE TYPE : DRILL CORE FROM 46.5 TO 55.0

1 grind

8226560

643