MONTANA WESTERN EXTENDED MINE, ZEEHAN

Since October, 1938 when the previous report on Montana Western Extended Mine was made, further developmental work has been carried out as follows:-

(1) Intermediate Level:

This level was driven southerly from the rise connecting 100 feet level and Main Adit drive, at a point 60 feet below the latter. It follws hanging-wall of Clarke Lode for a distance of 63 feet.

Four horizontal bore-holes, five feet in length, were put out at intervals to test the lode and gave assay results as tabulated below.

Bore No.	Sample No.	Sample Width	Position of Bore from Rise	Lead
1	1A	0 - 2'6"	5'	8.5
1	2A	2'6" - 5'	-	5.5
2	1B	0 - 2*6"	211	15.9
2	2B	2'6" - 5'		4.4
3	10	0 - 2 6"	28'6"	17.5
3	20	2'6" - 5'	-	5.8
4	1D	0 - 2'6"	38'6"	5.2
4	2D	2'6"5'		3.0

Three further bores, Nos. 5, 6 and 7, spaced between 38'6" from rise and face of level, showed an average of only 0.4% lead.

In the rise, connecting 100 feet level with Main Adit drive, bore-holes were drilled at 25 feet and 50 feet respectively below Main Adit level. Assay results of these holes are as follows:-

Bore N	To.	Sample No.		Sample Width		
1		1A	0		2*6*	53.3
1		2A	2'6"	-	5'	15.2
2		1B	0	-	2'6"	15.3
2		28	2*6"	-	51	6.3

- (2) In the drive along Clarke branch lode over a distance of 89 feet.
- (3) Along lode in drive from No. 2 West Cross-cut, extending for 118 feet.
- (4) Over a length of 20 feet towards present end of South Drive.

F. BLAKE A/GOVERNMENT GEOLOGIST.

Mines Department, HOBART.

8th May, 1939.