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PROGRESS REPORT  
on  
RED MOUNTAIN MOLYBDENUM PROPERTY  
WHITEHORSE M.D. YUKON TERRITORY  
1979 SEASON  
for  
TINTINA SILVER MINES LTD.

by  
J.W. MacLeod, P. Eng.

Vancouver, B.C.  
Dec 14, 1979

PROSPECTUS  
Jan 24, 1980.

061963

Dec 14, 1979

The President and Directors  
 Tintina Silver Mines Ltd.  
 Suite 200, 931 Yonge St.  
 Toronto, Ontario  
 M4W 2H7

Dear Sirs:

RE: RED MOUNTAIN MOLYBDENUM PROPERTY  
PROGRESS REPORT

Since my detailed report of February 5, 1979, Amoco Canada Petroleum Company Limited has carried out an aggressive drilling program on your molybdenum prospect in the Whitehorse Mining District of the Yukon Territory. 26 GUB claims were staked and the SM Group was purchased resulting in the following property status.

<u>CLAIMS</u>	<u>ANNIVERSARY DATE</u>
BUG 1-84	Dec 2, 1985
GUB 1-30, 32-66	Dec 2, 1985
GUB 67-90, 91F, 92F (staked, 79)	Aug, Sept 1984
SM 1-8 (purchased, 79)	Sept 16, 1984

During the 1979 season, June 1 to November 15, 11 holes from 114 to 3274 feet in length were drilled. The drilling was carried out under contract to Connors using two machines. Holes were started with H size and reduced as problems were encountered; several did not reach target depth.

Total footage in these holes amounted to 20,251 feet with total expenditure of \$1,160,000.00 for an overall cost per foot of \$57.00, about \$30.00 per foot of this being direct payment to the contractor.

Mobilization for the project was by cat train from the Silver Creek Bridge on the Canol road and servicing was carried out by a Bell 204 helicopter.

There follows a summary of assay results for the 1979 holes.

<u>HOLE</u>	<u>CO-ORD-METRIC</u>	<u>FROM (ft.)</u>	<u>TO (ft.)</u>	<u>FEET</u>	<u>%MoS2</u>	<u>REMARKS</u>
6	2 + 10N	0	600	600	0.05	* includes 148 ft. of 0.14% MoS2
	10 + 00W	600	1151	551	0.08	
		1151	1555	404	0.11*	

<u>HOLE</u>	<u>CO-ORD-METRIC</u>	<u>FROM (ft.)</u>	<u>TO (ft.)</u>	<u>FEET</u>	<u>%MoS2</u>	<u>REMARKS</u>
6	cont'd	1555	1673	118	0.06	
		1673	1781	108	0.11	
		1781	2027	246	0.04	
7	0 + 30N	10	324	314	0.04	
	4 + 60W	324	511	187	0.07	
		511	1141	630	0.11	
		1141	1269	128		QUARTZ EYE
		1269	1535	266	0.21	
		1535	1643	108	0.03	QUARTZ EYE
		1643	1998	355	0.31	
		1998	2096	98	0.22	
		2096	2880	784	0.02	QUARTZ EYE
		2880	3067	187	0.22	
		3067	3274	207	0.13	
		OR				
		2880	3274	394	0.17	
8	2 + 10N	0	180	180		CASING
	12 + 30W	180	1260	1020	0.01	WEST OF ZONE
9	0 + 90N	0	46	46		CASING
	8 + 75W	46	374	328	0.06	
		374	443	69	0.18	
		443	846	403	0.08	
		846	994	148	0.12	
		994	1250	256	0.06	
		1250	1722	472	0.13*	INCLUDES 118 F
		1722	1847	125	0.08	OF 0.18% MoS2
10	1 + 25W	0	53	53		CASING
	0 + 60S	53	1591	1538	0.04	
		1591	1955	364	0.08	
		1955	2237	282	0.05	
		2237	2316	79	0.09	
		2316	2506	190	0.11	
		or	2237	269	0.10	
		2506	2596	90	0.03	hole lost
11	2 + 50W	0	52	52		CASING
	1 + 80S	52	1177	1125	0.02	
		1177	1896	719	0.04	
		1896	2083	187	0.09	
		2083	2660	577	0.04	hole lost
12	2 + 50E	0	42	42		CASING
	Baseline	42	945	903	0.02	
		945	1643	689	0.04	
		1643	1998	355	0.06	
		1998	2145	147	0.03	
		2145	2912	767	0.01	
13	0 + 00	0	36	36		CASING
	1 + 80N	36	1246	1210	0.01	QUARTZ EYE
		1246	2627	1381	0.08	

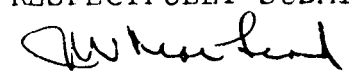
HOLE	CO-ORD-METRIC	FROM(ft.)	TO(ft.)	FEET	%MoS2	REMARKS
13 cont'd		including				
		1709	1975	266	0.11	
		1709	1768	59	0.21	
14	2 + 50W	0	29	29		CASING
	1 + 20N	29	117	88	0.01	QUARTZ EYE ABANDONED
15	2 + 50W	0	34	34		CASING
	1 + 20N	34	931	897	0.01	QUARTZ EYE hole lost
16	2 + 50W	0	32	32		CASING
	3 + 00N	32	397	365	0.02	
		397	1410	1013	0.01	QUARTZ EYE
		1410	1657	247	0.03	
		1657	1858	201	0.18*	*To be deepened in 1980

These holes have added considerably to the geologic picture. The setting now appears to be a favorable quartz monzonite phase with molybdenite mineralization extending into the surrounding hornfeldized sediments. A number of holes have intersected a post mineral quartz eye dioritic intrusive phase trending east west with the long axis of the multiple intrusion and dipping to the south whereas the quartz monzonite-hornfelds contact dips to the north.

The amount of drilling completed to date does not allow for a specific computation of reserves. Encouraging results have been obtained over a length of at least 3000 feet, a width of 1000 and a depth of 3000 feet. If one were to realize a 1:1 ore to waste ratio, to allow for dikes etc., such a block would produce 450 million tons. Again, the number of holes drilled to date are not sufficient to calculate the grade that might be available for mining but the overall average for hole 78-4 of 0.10 over 1760 feet and 0.10 over 1472 for hole 79-9 are indicative of what might be expected. The intersections of 0.198 over 265 feet ( improved assaying techniques upgraded the 1978 assays by 14% ) in hole 78-4 and the 0.29 over 321 feet in hole 79-7 suggests a higher grade core as well as an improvement in grade with depth; the deepest hole 79-7 assayed 0.17 over 394 feet from 2880 to 3274 feet at which depth the hole had to be abandoned.

Amoco proposes to drill 20,000 feet in six holes in 1980 and in view of the encouraging results to date, it is recommended that Tintina Silver Mines Ltd. provide funds to maintain the maximum possible interest under its' agreement with Amoco.

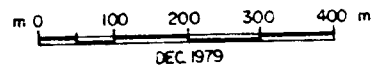
RESPECTFULLY SUBMITTED,



J. W. MACLEOD, P. ENG.

10+20N.

# TINTINA SILVER MINES LTD. RED MOUNTAIN PROPERTY YUKON TERRITORY



OUTLINE  
OF  
INTRUSIVE

6+00N.

### LEGEND

- 79-16 ● — Drill Holes
- Roads
- - - - - Creek

3+00N.

BASE LINE

6+00S.

L. 12+50 W.

L. 10+00 W.

L. 7+50 W.

L. 5+00 W.

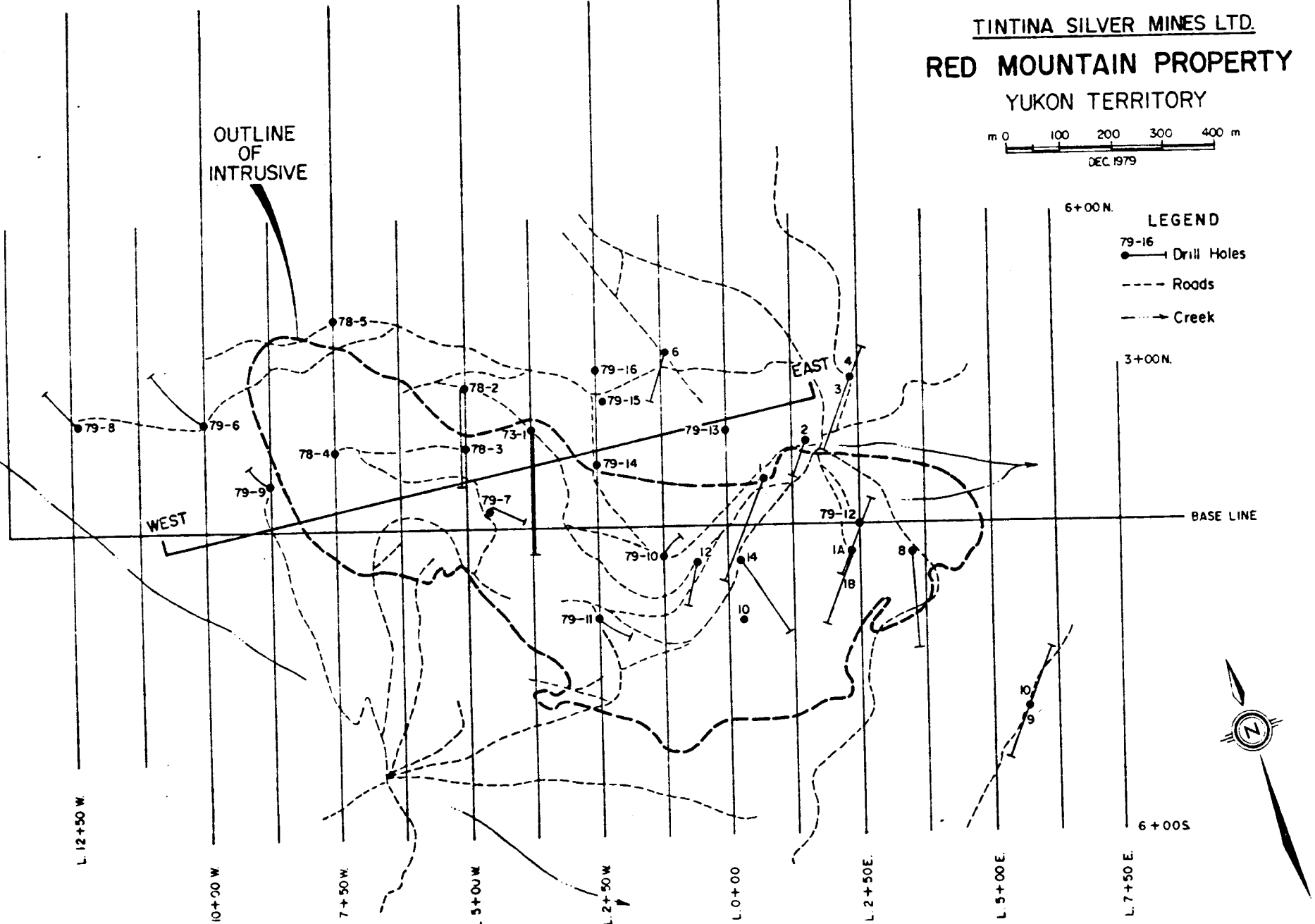
L. 2+50 W.

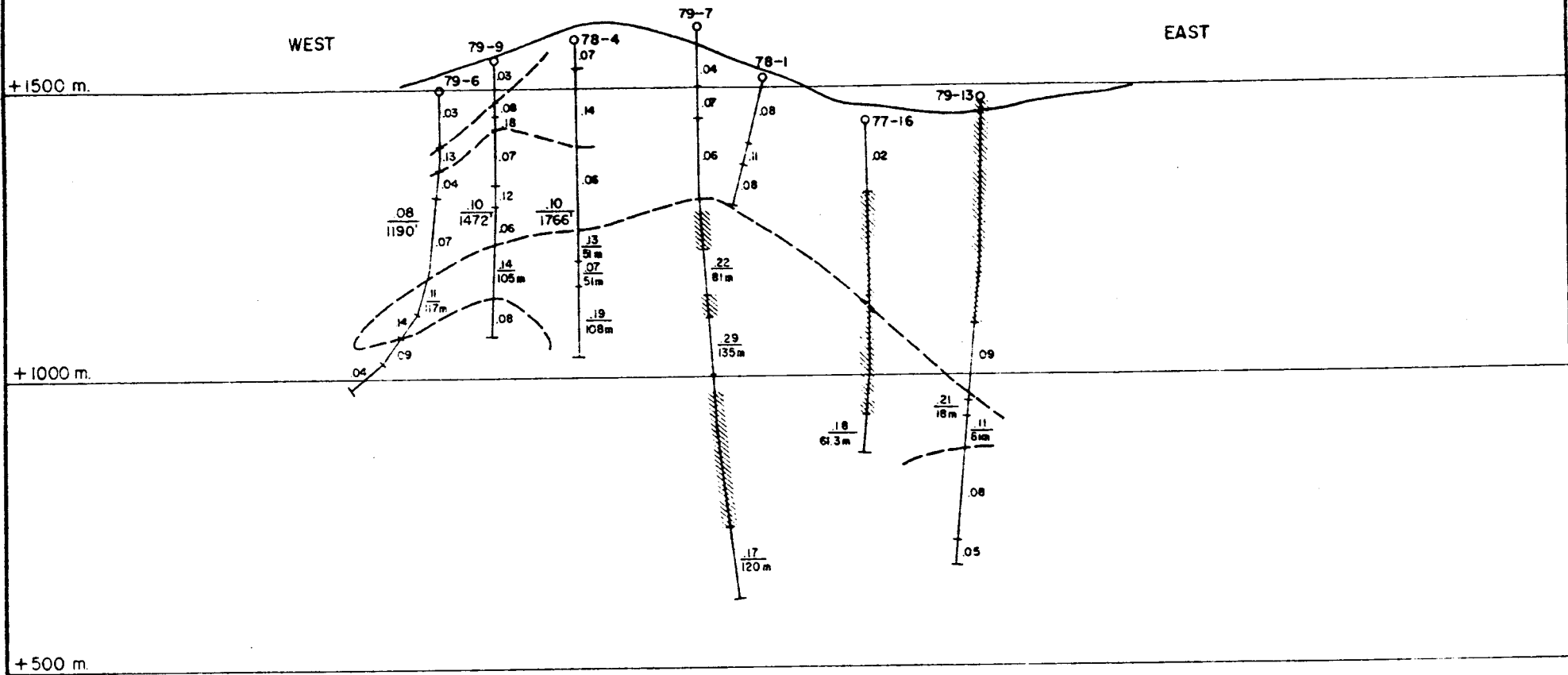
L. 0+00

L. 2+50 E.


L. 5+00 E.

L. 7+50 E.





LEGEND

 QUARTZ-EYE DIORITE INTRUSIVE

.11 - % MoS<sub>2</sub>

TINTINA SILVER MINES LTD.  
 RED MOUNTAIN PROPERTY  
 WEST-EAST SECTION  
 YUKON TERRITORY