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REPORT TO D.M. CANNON

ON

DUSTY MAC MINES LTD. (NPL)

BY

MARCEL GUIGUET, GEOLOGIST.

JULY 28TH, 1969.

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DUSTY MAC MINES LTD.  
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INTRODUCTION

Period covered - June 30 - July 28, 1969

Work Done

Mapping:

A cursory examination of new bulldozer trenches was undertaken. Trench geology is yet to be mapped in detail.

Surveying

Trenches "D", "E" and "F" have been surveyed as far as sampling has progressed.

Trenching

Eleven trenches across the favourable zone have been bulldozed 10' wide and 400' in length. A total of over 4,800' of bed rock has been exposed. Connecting roads have been completed.

The following trenches have also been drilled and blasted to a width of 2' and a depth of 1.5' to 2'.

Trench 'D' for a length of 210'. Bearing N45E.

This trench is 20' north of the break through of the raise driven in January last.

Trench 'E' for a length of 150'. Bearing N60E.

This trench is 100' North-Westerly of Trench D.

Trench 'F' for a length of 50'. Bearing N64E.

This trench is 100' North of 'E' and is presently being drilled and sampled.

Trenches 'B' and 'C' should be completed in the next ten days.

Sampling

Sampling procedure consists of mucking 10' sections along the blasted trench and crushing this rock in a 6" x 8" jaw crusher to minus 3/4" size. Estimated volume is between 1.25 to two tons per sample.

The sample is split through an 10" x 18 1/2" Jones type splitter, with one-inch openings. An average of 10 to 11 splits gives a final sample weighing 10-14 pounds.

Other Work

Bulldozing on the copper showing of the At Last Claim has reported to have extended the known mineralization. The writer has not seen this work and will report on it at the earliest possible date.

Results of sampling to date are:

Trench "D" - Assays

Sampling starts 90' NE of raise extending to 110' S.W. of raise. Deepening of trench to 3' depth was sampled between 160' and 200'.

<u>Sample No.</u>	<u>Footage</u>	<u>Oz. Au.</u>	<u>Oz. Ag.</u>
3510	90-100'	0.015	0.1
3511	100-110'	0.01	0.1
3512	110-120'	Nil	Tr
3513	120-130'	Tr	0.1
3514	130-140'	Nil	Nil
3515	140-150'	Nil	Tr
3516	150-160'	0.02	0.8
3517	160-170'	0.015	0.7
3518	170-180'	0.03	1.0
3519	180-190	Tr	0.6
3520	190-200	0.01	1.2

3521	200-210'	Nil	Nil
3522	210-220	0.03	2.4
3523	220-230	0.02	0.3
3524	230-240	Nil	Nil
3525	240-250'	Tr	0.1
3526	250-260'	0.01	0.1
3527	260-270'	Nil	Nil
3528	270-280'	Tr	0.2
3529	280-290	Tr	0.2
3530	290-300	Tr	0.1

Deepened section at Trench 'D'

3504	160-170'	0.04	1.0
3503	170-180'	0.05	1.6
3502	180-190'	0.015	1.2
3501	190-200'	0.03	1.8

Trench 'E' Assays

Footage 200' is approximately the centre line of the favourable trend and is 50' SE of pit No. 4 (the old original "South" Pit.).

3563	120-130'	0.01	0.4
3564	130-140'	Nil	0.1
3565	140-150'	0.08	1.2
3566	150-160'	Nil	Tr
3567	160-170'	0.01	0.4
3568	170-180'	Nil	Tr
3569	180-190'	Tr	0.1
3570	190-200'	0.01	0.3
3571	200-210'	0.09	1.6
3572	210-220'	0.005	0.2
3573	220-230'	0.005	0.2
3562	230-240'	Nil	Tr
3561	240-250'	Nil	Tr
3560	250-260'	Nil	Tr
3559	260-270	0.005	0.1

Trench "F" Assays

In process of sampling. Footage 200' lies 50' N of the "South Pit" and 50' South of the old North Pit (Pit No. 5).

<u>Sample No.</u>	<u>Footage</u>	<u>Oz. Au</u>	<u>Oz. Ag.</u>
3508	160-170'	0.025	0.3
3507	170-180'	0.005	0.8
3506	180-190'	0.02	0.2
3505	190-200	0.01	0.6

General Comment

If results of sampling trenches "B" and "C" are no better than the above trench assays, a review of the programme should be undertaken with the possibility of a deeper probing by pits or by deepening the present trenches.

Work Proposed

Sampling of the remaining trenches is continuing with the proposal that the above changes in procedure may be added as a supplement or an entirely new programme.

Estimated Cost of Proposed work

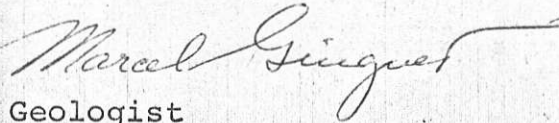
Using the same crew with the possible addition of one or two experienced miners, would not add materially to present costs.

Conclusion and Comment

The results of assays to date have been reviewed and the procedures in sampling checked and found to be carried out to specifications laid down by the writer. Check samples of the rejects will be made. The trenches appear to cover fully the most favourable trend of the formation and straddle all the previous workings.

Respectfully submitted,

(Sgd.) Marcel Guiguet

  
Geologist