

Oct 69

MEMORANDUM 825186

ON THE PROPERTY OF DUSTY MAC
MINES LTD., OSOYOOS, M.D.
BRITISH COLUMBIA

By: M. GUIGUET, GEOLOGIST

M E M O R A N D U M

ON

THE PROPERTY OF

DUSTY MAC MINES LTD.

OSOYOOS, M.D.

BRITISH COLUMBIA

By:

M. GUIGUET, GEOLOGIST

October 29th, 1969.

DUSTY MAC MINES LTD.

OKANAGAN GALLS, B.C.

OCTOBER, 1969.



SACKED ORE SHOWING
BLASTED FACE IN BACKGROUND
AND DDH DRILLING ON BLUFF

CORE SHOWING QUARTZ
FRAGMENTS IN BRECCIA



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INTRODUCTION

DATE & SCOPE OF EXAMINATION:

This is a memorandum following Mr. Cannon's Report, dated October 16, 1969.

CONCLUSIONS & RECOMMENDATIONS:

A second row of diamond drill holes, 25 ft. north of the No.1 row, has been drilled to conclusion. Hole No.8 thru 15, were drilled on this line. Results are not available as yet for Holes 13 to 15. Hole No.8 seems the cut-off point on the ore to the west on this line. Holes #9, 10 and 12 averaged .25 oz/ton gold and 6.75 oz/ton in silver to an average depth of 30 ft. This average parallels that of the first row of holes.

A vertical 500 ft. hole on No.1 line, between holes #1 and 6, confirms the ore to a depth of 25 ft. and intersected no other ore occurrences below that depth.

A drill hole in the eastern end of No.1 line appears to indicate a faulted section and no values are anticipated in this hole. Further step-outs on No.1 line are progressing to the west of this region.

Six percussion drill holes were drilled to check the feasibility of using this tool to accelerate the exploration of the property. Results confirm and parallel the diamond drill results. It is now planned to use the percussion drill to extend the known mineralized area.

With the favourable results from percussion drilling it is expected and recommended that drilling with this machine be continued to the south of the present area.

ASSAYING:

Assay results from D.D.H. No. 9, 10 and 12 in Line 2 give an average grade of .25 oz/ton gold and 6.75 oz/ton silver. This compares with the average 0.23 oz/ton of gold and 6.50 oz/ton silver in line No.1. The six percussion drill holes averaged .26 oz/ton gold and 8.6 oz/ton silver, over an average depth of 27.4 ft. These assay results check both lines of diamond drill holes in the area tested.

BULK SAMPLING:

A further bulk sample has been slashed and sacked for shipment, aggregating approximately 15 tons. It is hoped to blast enough additional ore to make a car load shipment. At present this is not practical until the drilling machinery is at a safe distance.

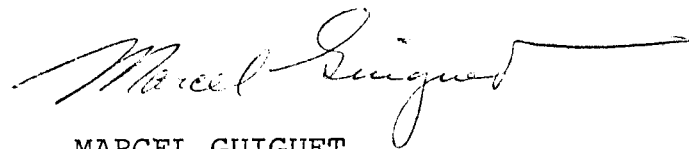
COST ESTIMATE:

Cost of percussion drilling is estimated to be nearly one-third of the diamond drilling and is about five times as fast. Therefore it is expected that the development programme will be

accelerated.

Included herewith, is a section of the No.2 line of drill holes to date. Also enclosed is the section showing No.11 hole.

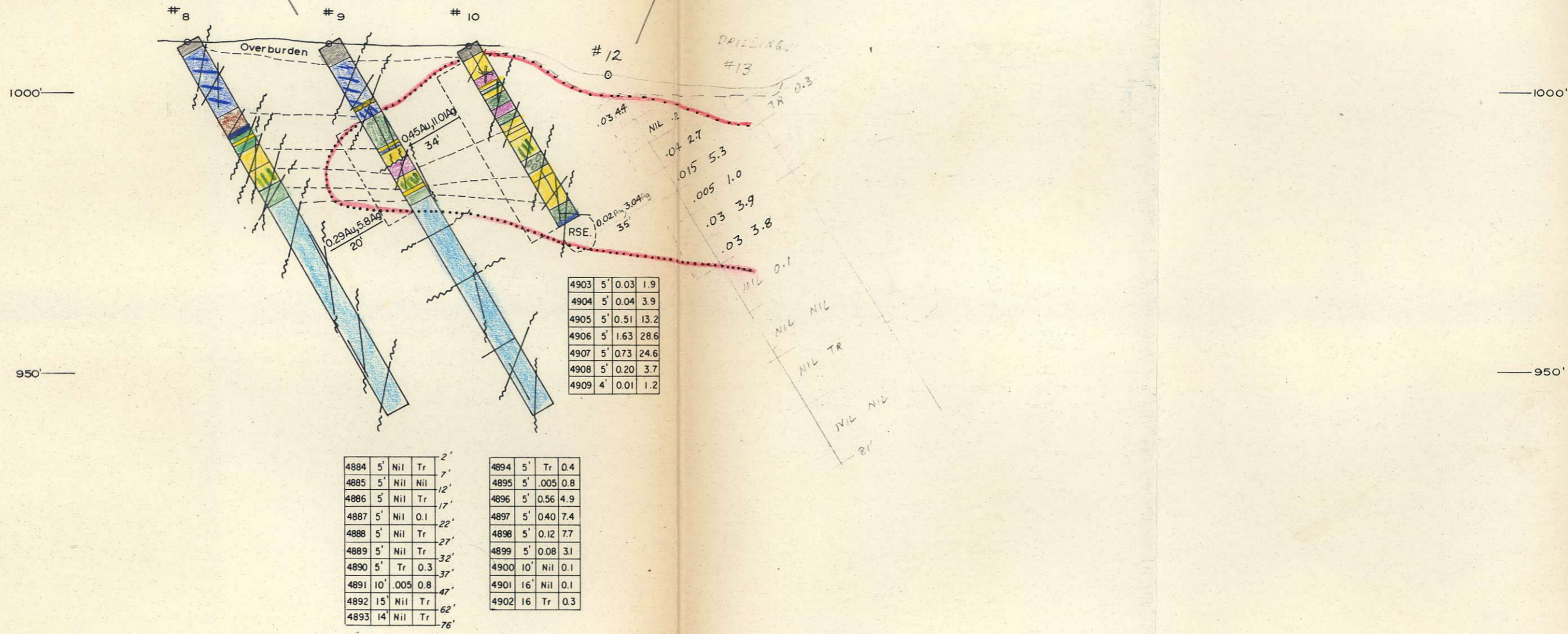
Respectfully submitted,



MARCEL GUIGUET
Geologist

Enclosures: 1) Section looking north showing No.11 DDH.
2) Section " " " " DDH's 8-10,12,13.

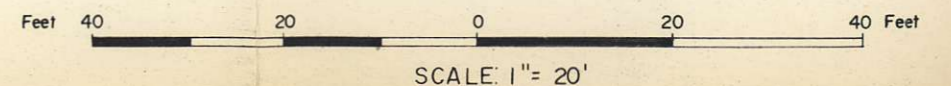
AVERAGE OF 3 holes, 0.25 Au, 6.75 Ag

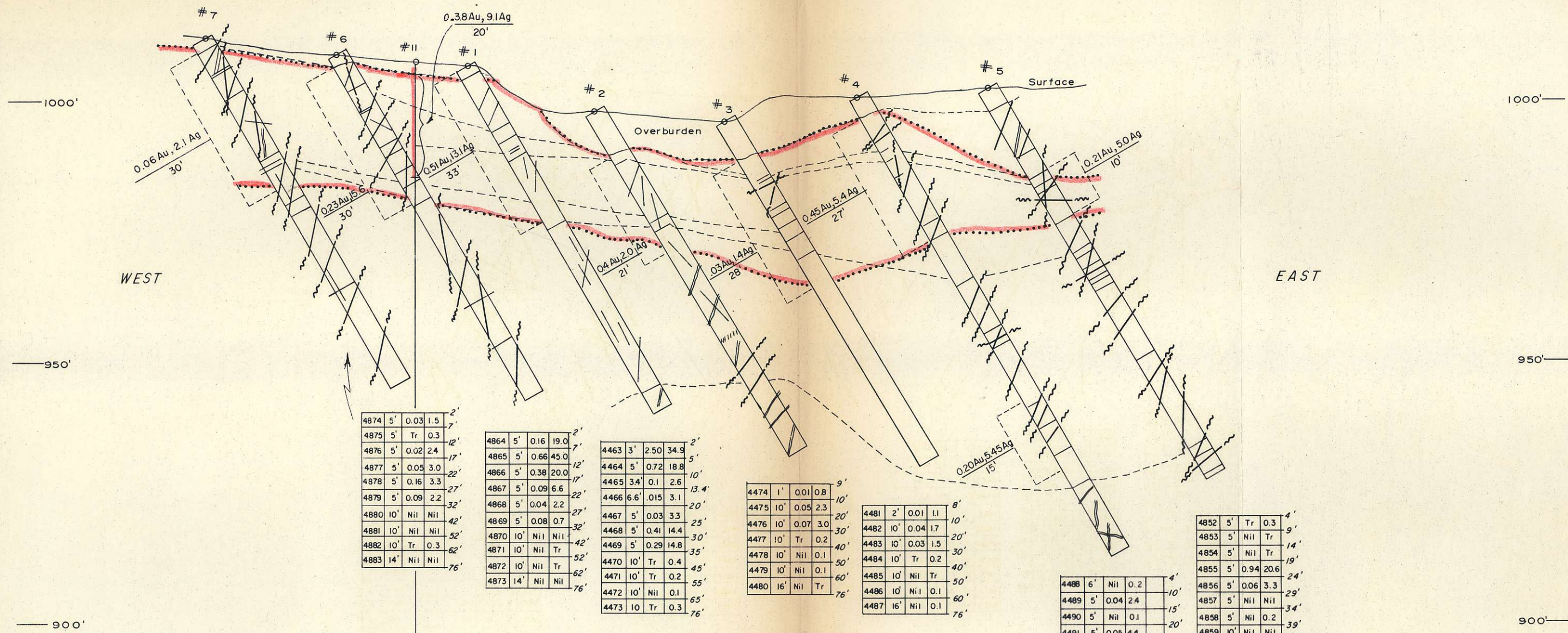


LEGEND

- Overburden
- Breccia-Quartz Fragments; matrix-light color index
- Breccia-Quartz Fragments; Black-dark green or grey matrix
- Andesite Breccia
- Porphyritic Andesite Breccia - Matrix and fragments porphyritic
- Porphyritic Andesite
- Fault Breccia
- Breccia-Andesite and porphyry. Andesite fragments predominant. Matrix not porphyritic
- Breccia - Felsite and/or porphyritic felsite fragments. Matrix not porphyritic
- Porphyritic felsite
- Fracture
- Quartz vein
- Shear plane
- Distinct contact
- Gradational contact
- Outline of ore zone

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 VANCOUVER, B.C.
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SECTION THROUGH DDH'S 8-10,12,13
LOOKING NORTH
 OKANOGAN FALLS, B.C.





LEGEND

- Overburden
- Breccia-Quartz Fragments; matrix-light color index
- Breccia-Quartz Fragments; Black-dark green or grey matrix
- Andesite Breccia
- Porphyritic Andesite Breccia - Matrix and fragments porphyritic
- Porphyritic Andesite
- Fault Breccia
- Breccia - Andesite and porphyry. Andesite fragments predominant. Matrix not porphyritic
- Breccia - Felsite and/or porphyritic felsite fragments. Matrix not porphyritic
- Porphyritic felsite
- Fracture
- Quartz vein
- Shear plane
- Distinct contact
- Gradational contact
- Outline of ore zone

4874	5'	0.03	1.5	2'
4875	5'	Tr	0.3	7'
4876	5'	0.02	2.4	17'
4877	5'	0.05	3.0	22'
4878	5'	0.16	3.3	27'
4879	5'	0.09	2.2	32'
4880	10'	Nil	Nil	42'
4881	10'	Nil	Nil	52'
4882	10'	Tr	0.3	62'
4883	14'	Nil	Nil	76'

4864	5'	0.16	19.0	2'
4865	5'	0.66	45.0	7'
4866	5'	0.38	20.0	12'
4867	5'	0.09	6.6	17'
4868	5'	0.04	2.2	22'
4869	5'	0.08	0.7	27'
4870	10'	Nil	Nil	32'
4871	10'	Nil	Tr	42'
4872	10'	Nil	Tr	52'
4873	14'	Nil	Nil	62'
				76'

4463	3'	2.50	34.9	2'
4464	5'	0.72	18.8	5'
4465	3.4'	0.1	2.6	10'
4466	6.6'	.015	3.1	13.4'
4467	5'	0.03	3.3	20'
4468	5'	0.41	14.4	25'
4469	5'	0.29	14.8	30'
4470	10'	Tr	0.4	35'
4471	10'	Tr	0.2	45'
4472	10'	Nil	0.1	55'
4473	10	Tr	0.3	65'
				76'

4474	1'	0.01	0.8	9'
4475	10'	0.05	2.3	10'
4476	10'	0.07	3.0	20'
4477	10'	Tr	0.2	30'
4478	10'	Nil	0.1	40'
4479	10'	Nil	0.1	50'
4480	16'	Nil	Tr	60'
				76'

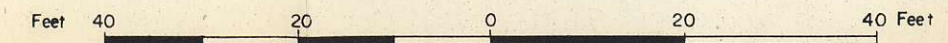
4481	2'	0.01	1.1	8'
4482	10'	0.04	1.7	10'
4483	10'	0.03	1.5	20'
4484	10'	Tr	0.2	30'
4485	10'	Nil	Tr	40'
4486	10'	Nil	0.1	50'
4487	16'	Nil	0.1	60'
				76'

4488	6'	Nil	0.2	4'
4489	5'	0.04	2.4	10'
4490	5'	Nil	0.1	15'
4491	5'	0.05	4.4	20'
4492	6'	2.24	22.2	25'
4493	10'	Tr	0.4	31'
4494	10'	Tr	0.2	41'
4495	10'	Tr	0.3	51'
4496	5'	Nil	Nil	61'
4497	5'	0.04	1.9	66'
4498	5'	0.09	4.9	71'
4499	5'	0.48	9.6	76'
4500	10'	Nil	Tr	81'
4851	10'	Nil	Nil	91'
				101'

4852	5'	Tr	0.3	4'
4853	5'	Nil	Tr	9'
4854	5'	Nil	Tr	14'
4855	5'	0.94	20.6	19'
4856	5'	0.06	3.3	24'
4857	5'	Nil	Nil	29'
4858	5'	Nil	0.2	34'
4859	10'	Nil	Nil	39'
4860	10'	Nil	Nil	49'
4861	10'	Nil	Nil	59'
4862	10'	Tr	0.2	69'
4863	7'	Nil	0.1	79'
				86'

NB. |4864 | 5' | 0.16 | 19.0 | = Sample number, Width, Au oz/t, Ag oz/t

To 501'—mainly in andesite porphyry—no values



SCALE: 1" = 20'

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