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Charlie Mortimer

Dore Gold Project

Assessment Report on Mechanical Trenching and

NTS 41 O/NE

January 30, 2017

Todd Keast

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INTRODUCTION

During 2016, Charlie Mortimer completed a blasting/trenching program on a claim in Dore Township, situated approximately 130 kilometres southwest of Timmins Ontario, within the Porcupine Mining Division.

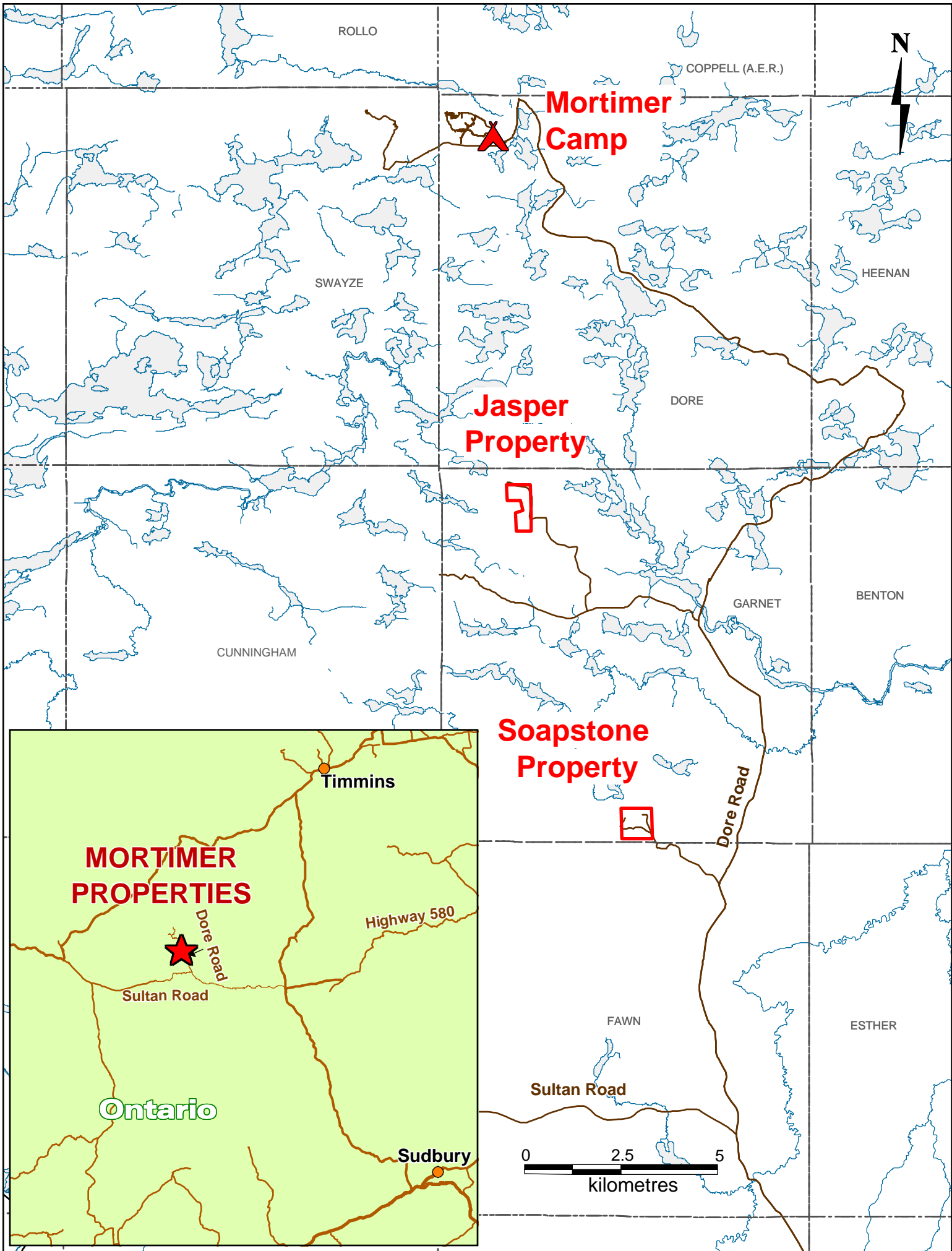
The project is located in the Swayze greenstone belt of the Abitibi Subprovince. The greenstone belt is an east-west trending sequence 45km by 25km. Rock types include massive and fragmental volcanic rocks, massive basaltic flows, and scattered feldspar porphyry intrusions. Sedimentary rocks are a minor component and include greywacke, argillite, and conglomerate. East-west trending fold axis are prevalent throughout the stratigraphic package.

Blasting was focused on exposing a portion of an outcrop containing visible gold in qtz veins.

LOCATION AND ACCESS

The property is situated 130 kilometres southwest of Timmins, Ontario **Figure 1**. The project is located in Dore Township (G1108), of the Porcupine Mining Division. The UTM position of the work area is UTM Zone 17 381500 E, 5299200 N.

Access to the property is excellent. The Folyet logging road is accessed from Hwy 101 approximately 100 km southwest of Timmins. The Folyet Timber road intersects the Dore Road.



PROPERTY

The Dore Gold Project consists of 2 unpatented mining claims P 4207120 (1 unit) and P 4207121 (1 unit) **Figure 2**. The claims are situated in Dore Township (G 1108) of the Porcupine Mining Division. The claim holder for both claims is Charles Mortimer 100%.

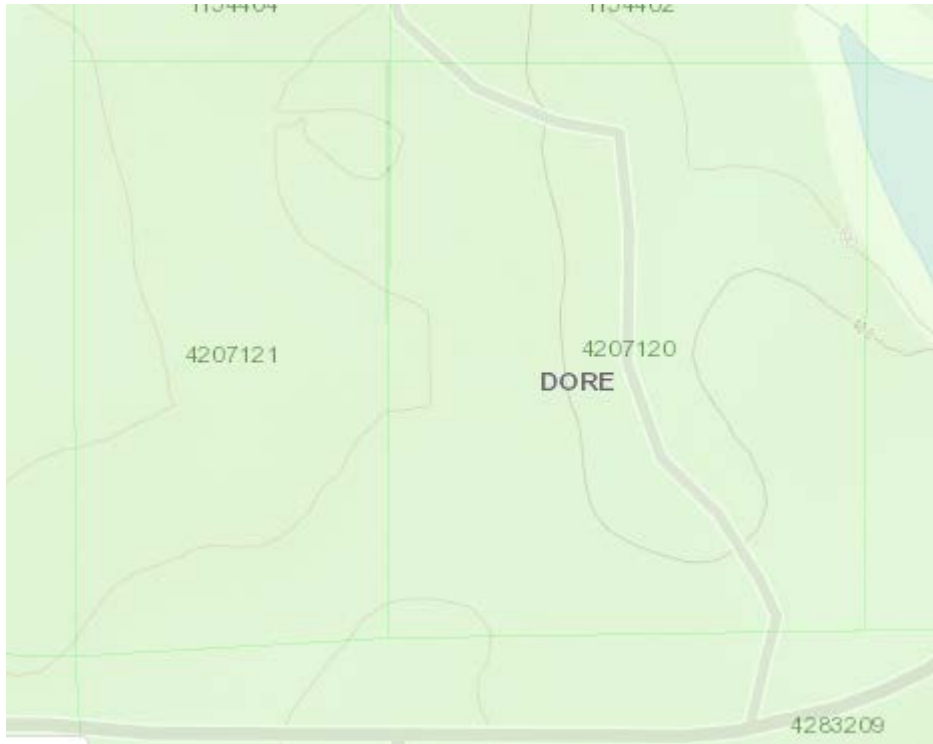


Figure 2 Claim Map

TOPOGRAPHY

The Dore Gold Project is characterized by rolling topography. The vegetation consists predominantly of balsam and spruce in the low areas, and a mixture of poplar and balsam in the high areas. Outcrop exposure is approximately five to ten percent.

REGIONAL GEOLOGY

The project is situated in the Swayze greenstone belt of the Abitibi Subprovince. The greenstone belt is an east-west trending sequence 45 km by 25 km. Rock types include massive and fragmental rhyolite volcanics, massive basalt flows, and scattered feldspar porphyry intrusions. Sedimentary rocks are a minor component and include greywacke

and conglomerate. East-west trending fold axis are prevalent throughout the stratigraphic package.

The Ontario Geological Survey completed a mapping project of Swayze Township O.D.M. Report 33.

PROPERTY GEOLOGY

The claims are situated over a major east west trending rhyolite / basalt contact. Lithological contacts are preferential sites of structural development, thus important exploration targets.

The geology of the project consists of a thick sequence of volcanic rocks which include mafic volcanic and intermediate flows. Sedimentary rocks have been recognized sporadically throughout the stratigraphic package.

EXPLORATION PROGRAM

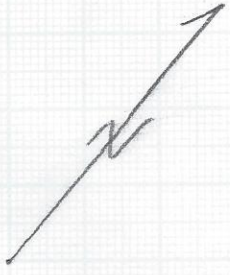
Mr. Charles Mortimer completed blasting on one key outcrop of the property. The exposure consists of mafic volcanic flows with section of narrow 1-5cm wide qtz carb veins containing py and rare grains of visible gold **Map 1**. Photographs 1-4 highlight the trench/blast exposure the quartz veins and the sulphide mineralization

CONCLUSIONS AND RECOMMENDATIONS

A geology sketch map was completed during the site visit Map 1. The alteration along the veins and the presence of visible gold suggests that additional work needs to be done. Prospecting work should attempt to trace the veins along the Az 320 stike direction looking for “blowout areas” where the vein density increases and or the size of the veins increase.

Todd Keast, P,Geo. Jan 30, 2017

Qtz Vein
1-5 cm
wide



P-4207121

Mafic
Volcanic
massive
Weak
Carb.



Overburden
Trenching



Pit Blasted



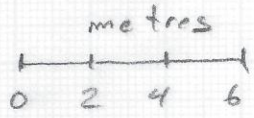
Qtz Veins
to Pit

Mafic
Volcanic

1-5 cm
qtz veins
AZ 320/-90

Mortimer Gold Camp
Pit Geology

Blasted
Area
1.5 m deep



Trail



Photo 1 – Trenched and blasted exposure.



Photo 2 – Blasted pit on edge of outcrop.



Photo 3 – Qtz veins from blast trench.



Photo 4 – Fine sulphide in narrow vein material.

REFERENCES

References:

Donovan, J. F. 1965

Geology of Swayze and Dore Townships. Ontario Department of Mines
Geological Report No. 33. Accompanied by Map 2070, coloured.

O.G.S. 1982

Airborne Electromagnetic and Total Intensity Magnetic Survey, Swayze Area, Cree
Lake Sheet, District of Sudbury, 80541.

PORCUPINE MINING DIVISION

038/500E

DORE TWP

STRIPPING + TRENCHING OCT. 2016

CLAIM

4207120

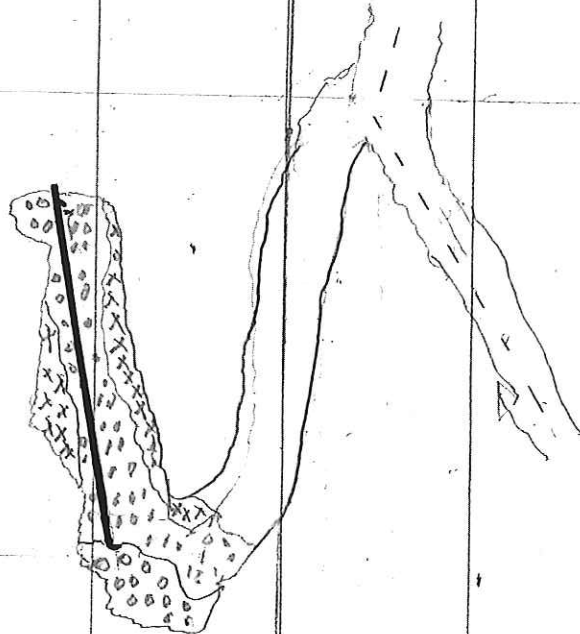
LOC 2. OCT 2016



10, 5, 5, 10

SCALE
1 CM = 5 METERS

5299275N



	QUartz CARB	VEINING
	CARBONATE	WITH QUARTZ + PYRITE
	WATER	
	ROAD	
	LOC	

CHARLES MORTIMER

CMortimer

29+30. OCT. 2016

5299200 N

038/500E