



42C14NW8759 42C14NW0013A1 SHABOTIK RIVER

010

RECOMMENDED  
EXPLORATION PROGRAM  
GOLDEN RULE RESOURCES LTD.  
BULLDOZER LAKE PROPERTY  
HEMLO AREA  
SAULT STE. MARIE MINING DIVISION  
NTS 42C/14, 42F/3

83 - 7 - C - 243

Prepared by:  
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Geotest Corporation  
Nepean, Ontario  
November 7, 1983

## INTRODUCTION

Golden Rule Resources Limited has acquired a 179 claim gold prospect in the Hemlo area known as the Bulldozer Lake property.

The Hemlo deposits are hosted by altered and sheared volcanic and related sedimentary rocks of early Precambrian age. There is evidence that a similar geological environment occurs on the Bulldozer property. Sulphide minerals accompany the gold mineralization and this could lend this type of deposit amenable to geophysical prospecting.

According to the assessment records, it appears that the region has never been prospected in detail but the available geology and geophysics suggest the presence of metasediments in contact with volcanics.

An exploration program is recommended for the property to be based on the results of an airborne geophysical survey and geological mapping to eventually be followed by geophysical and geochemical followup with diamond drilling if warranted.

The total estimated cost of the recommended gold exploration program is \$23,500.00.

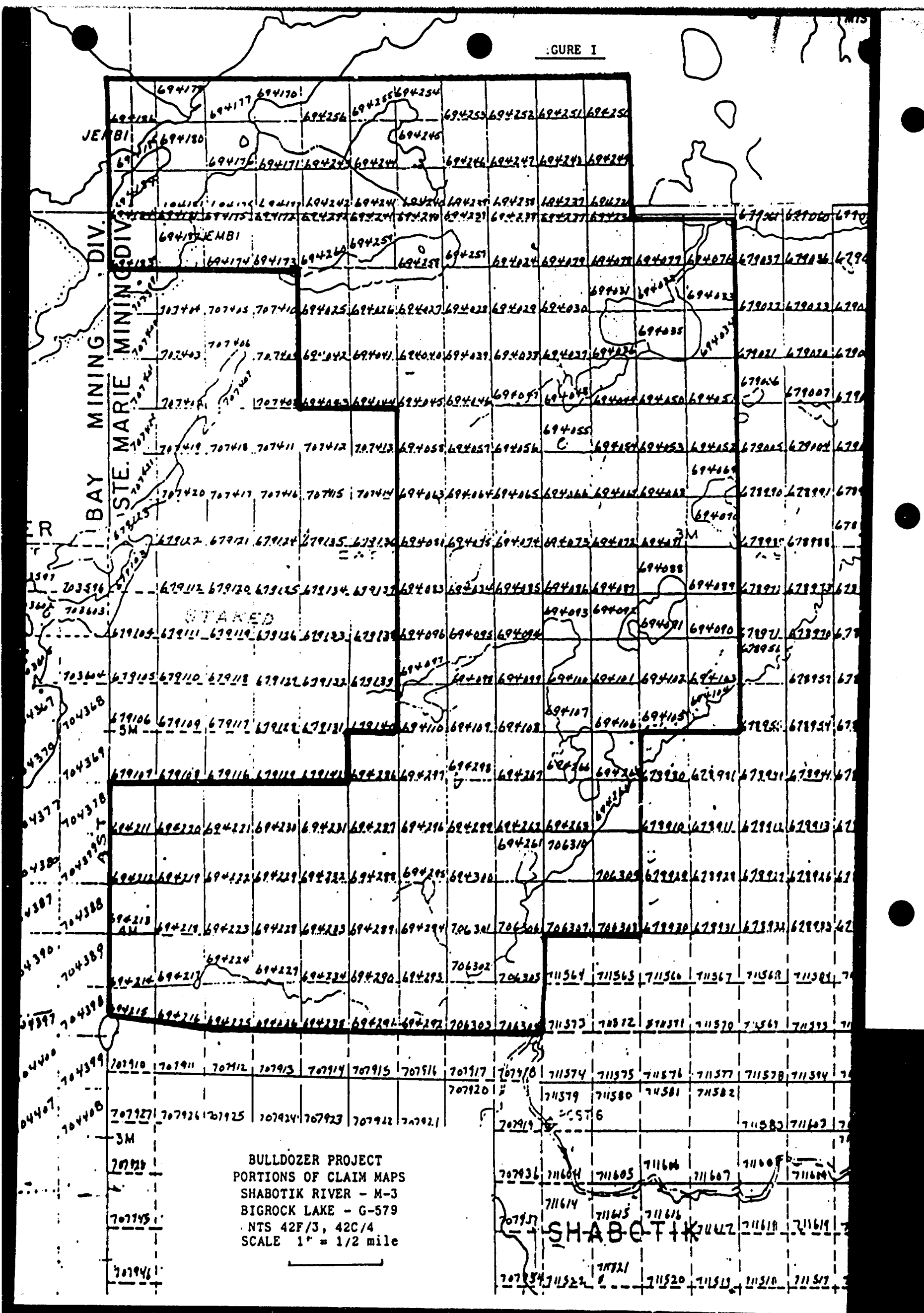
LOCATION AND ACCESS

The location of the Golden Rule property is shown on Figure I which is a copy of a portion of claim maps M-3 and G-579.

A listing of the claims and the staking dates are attached.

The property can be reached by a gravel road 30 kilometres north of Highway 17. The turnoff from Highway 17 is close to the Mobert road. This road deteriorates before reaching the property but it is easily passable in winter by skidoo.

FIGURE 1



BULLDOZER PROJECT  
 PORTIONS OF CLAIM MAPS  
 SHABOTIK RIVER - M-3  
 BIGROCK LAKE - G-579  
 NTS 42F/3, 42C/4  
 SCALE 1" = 1/2 mile

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 STE. MARIE MINING DIV.

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PREVIOUS EXPLORATION

According to the writer's research, there is no evidence of any previous exploration over the specific area covered by the claim group.

GEOLOGY

The general geology of the Hemlo area is shown on Map 2220 'Manitouwadge - Wawa sheet'. A portion of the area covered by the Bulldozer project has been left blank on the geology map, presumably due to a lack of outcrop. The remainder of the property consists of metasedimentary rocks possibly of the type in which gold mineralization occurs some 40 kilometres to the southwest at Hemlo.

The aeromagnetic maps show a contour pattern, in the unmapped area, similar to the typical pattern caused by volcanics or meta-volcanics hence it is possible that the metasedimentary rocks are in contact with metavolcanics which could present the possibility of discovering gold mineralization.

The area was subsequently mapped in greater detail by T.L. Muir, Geology of the Heron Bay Area, OGS Report 218, T.L. Muir, Geology of the Hemlo Area, OGS Report 217, V.G. Milne, Geology of Black River Area, ODM Report 72.

Map 5094 White River, NOEGTS Data Base Map indicates that the surface geology is characterized by glaciofluvial material.

RECOMMENDATIONS

To obtain a more complete data base for the property, it is recommended that the entire claim group be covered by detailed helicopter borne geophysical survey utilizing a magnetometer, VLF electromagnetics and standard induction electromagnetics. Equipment operated by DIGHEM Limited or equivalent is recommended. (Proton magnetometer, TOTEM 2A VLF-EM, two or three frequency multiple coil electromagnetics)

This data should be interpreted to define conductors, contacts, structure and the major geological units.

The interpretation will identify major units and specific targets to be examined by a geologist in those areas where the bedrock outcrops

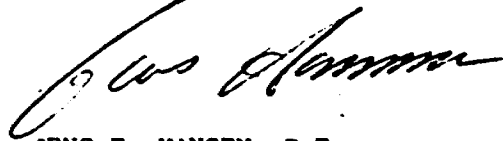
If the airborne survey reveals targets that could be indicative of structure or sulphide minerals favourable for gold deposition, ground geophysical and geochemical followup will be recommended for the specific targets.

Recommendations relating to diamond drilling will be considered at a later stage as a result of a detailed analysis of the data gathered.

ESTIMATED COST OF RECOMMENDED PROGRAMS

1. Airborne surveying (DIGHEM)	
225 line kilometres at \$80 per line kilometre	\$18,000.00
2. Interpretation	\$ 3,000.00
3. Contingencies	\$ 2,500.00
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	\$23,500.00

Submitted by:



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November 7, 1983

BIBLIOGRAPHY

MAPS

MAP 2220 - Geological Compilation Series - Manitowadge - Wawa sheet  
Scale 1" = 4 miles.

MAP 5094 - NOEGTS Data Base Map - White River  
Scale 1:100,000.

MAPS 2179G, 2180G - Geological Survey of Canada  
Geophysical Series (Aeromagnetic)  
Scale 1" = 1 mile.

MAPS 42 C/14, 42 F/3 - Department of Energy Mines and Resources  
Topographical Maps  
Scale 1:50,000

MAP P494 - Geological Compilation Series  
Scale 1" = 2 miles.

REPORTS

Bartley and Page, 1957 : A Geological Report on the Hemlo Area  
Department of Industrial Development , CPR.

Milne V.G., 1968 : Geology of Black River Area - ODM Report 72.

Muir, T.L., 1982 : Geology of the Hemlo Area - OGS Report 217.



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THIS SUBMITTAL CONSISTED OF VARIOUS REPORTS, SOME OF WHICH HAVE BEEN CULLED FROM THIS FILE. THE CULLED MATERIAL HAD BEEN PREVIOUSLY SUBMITTED UNDER THE FOLLOWING RECORD SERIES (THE DOCUMENTS CAN BE VIEWED IN THESE SERIES):

- ① Work Report for Golden Rule ⇒ Sec Report 42C/14NW-0012  
Resources Ltd., Bulldozer Lake #2.6535, Report of Work #34 for 1984  
Property, J.E. Hansen, March 15/84.  
This Report Includes Appendix A,  
Dighem Report + 5 Maps

Feb/86