Lakeview Property
Teck and Bernhardt Townships;
District of Temiskaming
NTS 42/A l
48° 11' N  80° 04' W

Prepared By: Eric. Marion

July 30/07

2 - 35 549
Index

Property Location .................................................. 3
Access ..................................................................... 3
Claims ..................................................................... 3
Geology ................................................................... 3
Previous Work ....................................................... 7
Present Work ........................................................ 7
Results/Conclusions ............................................... 7
Bibliography .......................................................... i, ii

Figures

Fig-1 Location ......................................................... 1
Fig-2 Claim Map ....................................................... 2
Fig-3 General Geology ............................................. 4
Fig-4 Claim Area Geology of Teck Twp ......................... 5
Fig-5 Claim Area Geology of Bernhardt Twp ..................... 6
Fig-6 Work Site Location ........................................... 8
Fig-7 Work Site ....................................................... 9
Property Location

The property is located in the Larder Lake Mining Division approximately 3.5 kilometers north of the town of Kirkland Lake. The claims straddle the Teck-Bernhardt township boundary from the two to three mile mark and extend into each township about eight hundred meters. The property lays among the many arms of Amikougami Lake which gives good boat access to much of the property. This area is in the Kirkland Lake Resident Geologists District and can be found on NTS 42/A 1 with the geographic center of the claim group being at approximately 80° 04' W and 48°11' N.

Access

Heading north from Kirkland Lake on Goodfish Road for 6 kilometers will bring you to a gravel road. Continuing north on this road for 5 kilometers brings you to a logging road which heads west. Following this for 6 kilometers will bring you to Lancaster Lake where a boat can be launched. Heading south by water for 1.5 kilometers will bring you to the northern border of the group.

Claims

This property consists of six contiguous staked mining claims totaling 20 claim units, recorded on Plan G-3917 of Teck Twp. and Plan G-3207 of Bernhardt Twp. The claim numbers are as follows: CL# 1206262 - 4 units, CL# 1206409 - 1 unit, 1206410 - 1 unit, CL# 1206116 - 4 units, CL#3009321 - 4 units, and CL# 3009320 - 6 units.

Geology

This area is in the southern Kinojevis Assemblage of the Abitibi Greenstone Belt. The rocks are predominantly grayish green to dark green pillowed and flow tholeiitic basalts. The Blake River Group, a series of mostly calc-alkaline rocks in an east striking synclinal trough are mapped as occurring about five kilometers north of the property. There are many strike and cross faults as indicated on ODM map 2193. Several gabbroic or dioritic mafic intrusives are mapped as occurring in the area and on the claims. The Winnie Lake Stock, a four kilometer wide, somewhat circular granitic intrusive occurs approximately three kilometers due west of the claim area. Several old base metal showings have been worked around this intrusion. The Kirkland Lake Main Break, a world class, prolific gold bearing splay of the Larder Cadillac Deformation Zone, with an average strike of about 065° is located less than four kilometers south of this claim group. It is hosted within structurally deformed altered and intruded fluvial sediments of the Temiskaming Group. A new structural trend recently discovered at Macassa Mine, on which currently is being developed an ore body (D Zone) should cut through the claim group if it persists along strike. Most of the gold mined appears to be structurally controlled, intrusion related, hydrothermally focused vein type deposits.
Early Precambrian sedimentary rocks
Middle Precambrian sedimentary rocks
Volcanic rocks
Granitic rocks
Mafic Intrusions
Ultramafic rocks
Figure 4 - Claim Area Geology: Bernhardt Twp
Previous Work

Considering the proximity to the historic Kirkland Lake gold camp, undoubtedly many individuals prospected this area during the many boom eras of mining and exploration in the region. In spite of this, there is very little submitted or reported exploration work on the area. Numerous old pits and trenches on the claims would indicate some prospecting activity but no records of these workings can be found in the resident geologist files. No ground based geophysics on any of the group other than the recently staked far west claim block has been submitted prior to the authors activities in the area.

Present Work

During the summer of 2007, gas plugger holes were drilled and blasted creating a 1 meter by 1 meter by 1 meter deep pit to get a fresh exposure of the rock at this site.

Results/Conclusions

The rock encountered in the blast pit was a fine to medium grained, bleached appearing light grey lava, probably of andesitic affinity. Of note is a near vertical fracture set visible across the whole island. The trend of the fractures is just about due east-west. Most fractures are healed with thin white quartz veins or a medium to dark green chlorite. Fine disseminated brassy colored pyrite is visible on fracture planes and minute amounts occur along the contacts of the thin quartz filled fractures. This vertical fracture set may be related to a suspected fault, evident as dislocations in lithologies on a magnetometer survey which was previously performed on the property by the author. This fault would pass on the north side of this island. Assays of representative samples are pending.

Perhaps a short drill hole facing north from this island would encounter this fault feature.
WORK SITE
"F" ISLAND

SAMPLES
F-1 - BLEACHED GREY LAVA, PY
F-2 - OZURID IN GREY LAVA, PY

BLEACHED MEDIUM GRAINED GREY LAVA
MUCH FINE BRASSY PIRITE ON FRAYURES

CHLORITE + QUARTZ FILLED FRAYURES

Figure - 7
Bibliography

Charlewood, G.H.
1964: Geology of Deep Developments on the Main Ore Zone at Kirkland Lake District of Temiskaming, Ontario Department of Mines, Geological Circular No. 11 Accompanied by Sheets A through H, scale 1 inch to 400 feet

Colvine, A.C., et. al.

Crocket, J.H. and Bowins, R.J.


Downes, M.J.

Fortescue, J.A.C. and Gleeson, C.F.

Hicks, K.D., and Hattori, K.

Hattori, Keiko, and Levesque, G.

Jensen, L.S. and Langford, F.F
1983: Geology and Petrogenesis of the Archean Abitibi Belt in the Kirkland Lake Area, O.G.S. Open File Report 5455

Jensen, L.S.

Lovell, H.L.
1972: Geology of the Eby and Otto Area, District of Temiskaming, Ontario Department of Mines and Northern Affairs, Geological Report 99, Accompanied by Map 2239, scale 1 inch to 1/2 mile

Lovell, H.L. and Caine, T.W.
1970: Lake Temiskaming Rift Valley; Ontario Department of Mines Miscellaneous Paper 39

MacLean, A.
1956: Geology of Lebel Township, District of Temiskaming, Ontario Department of Mines, Bulletin 150, Accompanied by Map 53a, scale 1 inch to 1,000 feet
Moore, J.C.G.
1966: Geology of Burt Holmes Area, District of Temiskaming, Ontario Department of Mines Geological Report 44, Accompanied by Map 2078, scale 1 inch to 1/2 mile

O.G.S.

O.G.S.

O.G.S.

O.G.S.
1986: Volcanology and Mineral Deposits, Miscellaneous Paper 129
Ontario Department of Mines and Northern Affairs
1968: Preliminary Map P.466, Geological Series, Bernhardt Township, District of Temiskaming, Geology by R.J. Rupert and H.L. Lovell and Assistants, 1967, scale 1 inch to 1/4 mile
Powell, W.G., Hodgson, C.J., and Hanes, J.A.

Rupert, R.J., and Lovell, H.L.
1970: Geology of Bernhardt and Morrisette Townships, District of Temiskaming, Ontario Department of Mines Geological Report 84, Accompanied by Map 2193, scale 1 inch to 1/2 mile

Savage, W.S.
1964: Mineral Resources and Mining Properties in the Kirkland Lake-Larder Lake Area, District of Temiskaming, Ontario Department of Mines Mineral Resource Circular No. 3 Accompanied by Chart A Kirkland-Larder Lake Area, scale 1 inch to 2 miles

Toogood, D.J., and Hodgson, C.J.

Ministry of Northern Development and Mines
: Resident Geologist Files, literally hundreds of files of submitted assessment work files covering many claim areas in Bernhardt Township, Eby Township, Grenfell Township, Gauthier Township, Lebel Township, Morrisette Township, Otto Township, Teck Township,

O.G.S.
1986: Volcanology and Mineral Deposits, Miscellaneous Paper 129