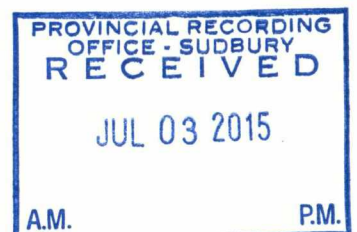


2-56085

L1222121  
Teck Township/District of Temiskaming  
NTS 42 A/1  
48°09'43" N 80°02'15"W

Summer 2015

*fm*



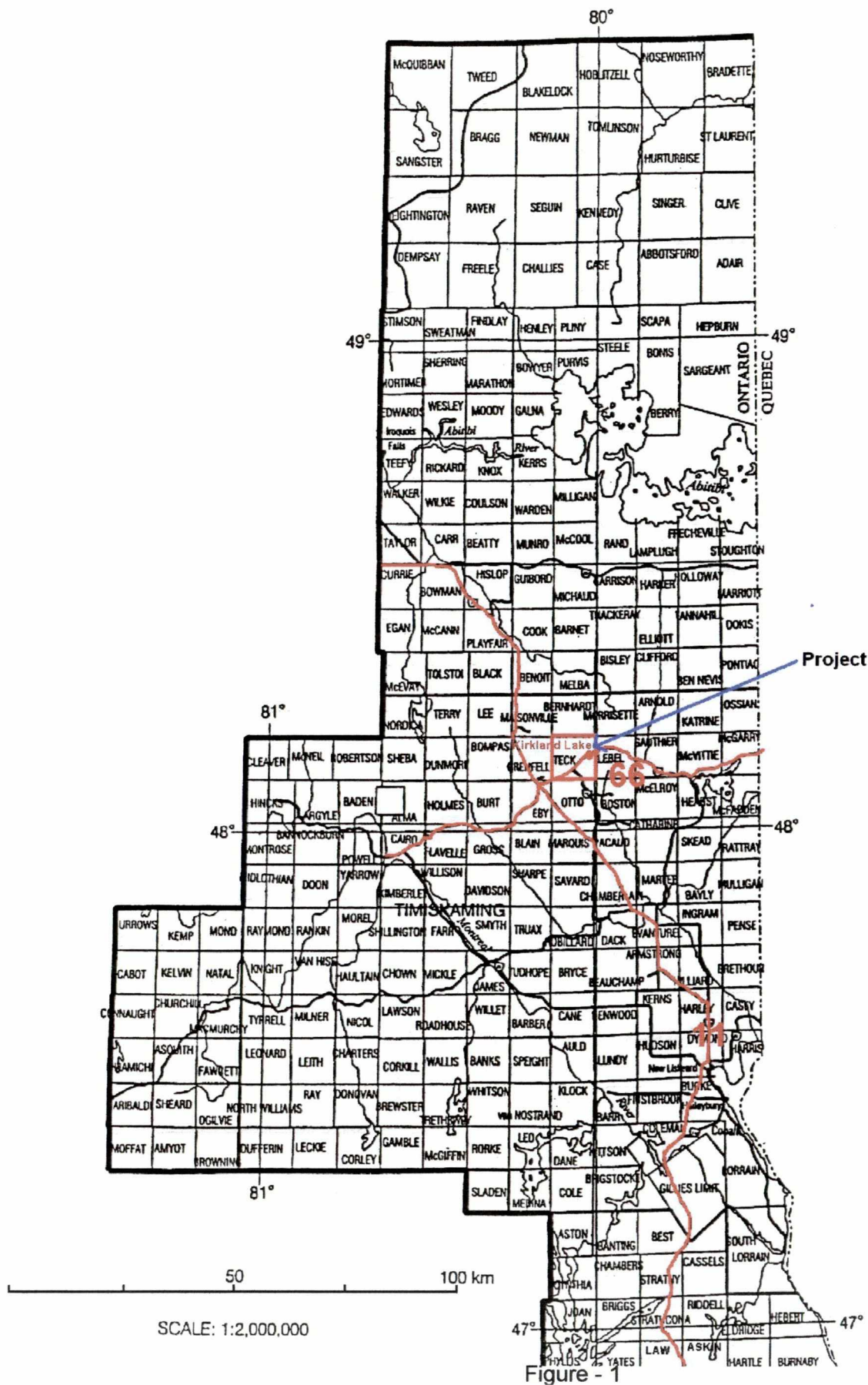
## INDEX

Property Location.....	3
Access.....	3
Claims.....	3
General Geology.....	3, 5
Claim Geology/Previous Work.....	5, 7, 9
Present Work.....	9
Result/Conclusions.....	9
Samples.....	11
 Bibliography.....	 i , ii

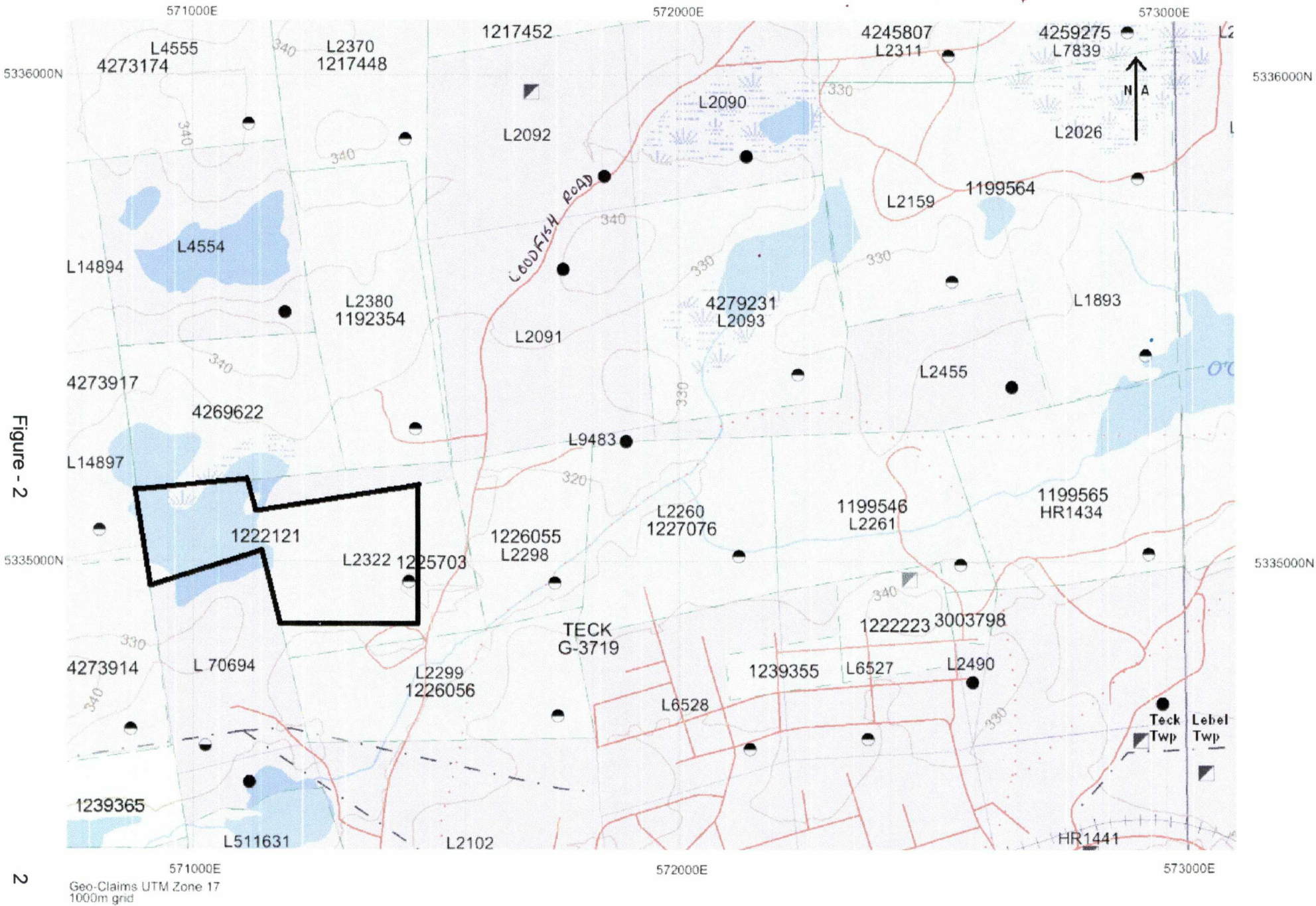
## FIGURES

Fig - 1 Location.....	1
Fig - 2 Claim Map.....	2
Fig - 3 General Geology.....	4
Fig - 4 Claim Geology.....	6
Fig - 5 Work Area 1:2000.....	8
Fig - 6 Work Area/Sample Sites.....	10

# Kirkland Lake Resident Geologist's District









## PROPERTY LOCATION

Located in north eastern Ontario in Temiskaming District, this property is located in the Larder Lake mining division bordering the north-west corner of the town of Kirkland Lake. This is in the Kirkland Lake Resident Geologist district and can be found on NTS 42 A\1 with the geographic center being at approximately 80°02'15"W and 48°09' 43"N. Services, ammenities and a local workforce are readily available in this mining friendly town.

## ACCESS

Turning north off of Highway 66 (Government Road) at Duncan Avenue and heading north on this street for 400 meters will cross over a set of railway tracks. Continuing north for about 350 more meters will take you to an old trail heading north east onto the claim. Following this trail for about 250 meters from the paved road will bring you to the claim.

## CLAIM

Claims L1222121 is a one unit staked mining claim staked totaling approximately 10 hectares, recorded on Plan G-3917 of Teck Township.

## GENERAL GEOLOGY

This area is in the Abitibi Greenstone Belt of the Superior Province, in a region dominated by Archaean mafic to felsic pillowed, massive and agglomeratic volcanics and granitic batholiths with attendant intrusions, with minor clastic interflow and fluvial sediments.

"All exposed bedrock in the Kirkland Lake - Larder Lake area is Precambrian. Archean volcanic, sedimentary, and intrusive rocks contain the mineralization of economic interest. Near Kenogami Lake in the west, and Kerr Addison in the east, relatively flat-lying Proterozoic sedimentary rocks cover the older folded formations. Pleistocene deposits of sand, gravel, and clay mantle about 90 % of the bedrock. Archean volcanic rocks with inter-bedded slate and chert are the oldest rocks (2.747 Ga to 2.705 Ga) and range from komatiite to mostly iron and magnesium-rich tholeiites at the stratigraphical base to calc-alkaline volcanic rocks at the stratigraphical top. These rocks contain long narrow bodies of diorite and gabbro as well as coarse-grained flows. Timiskaming-type interbedded sedimentary and volcanic rocks, also Archean in age (2.680 Ga), unconformably, overlie the older volcanic rocks. They form a long, relatively narrow east-trending belt intruded by syenite (2.673 Ga). Lamprophyre dikes are widespread and most of the "diabase" is of the "Matachewan" swarm of north-striking dikes (2.485 Ga). Overlying all the above rocks with great unconformity are Proterozoic undeformed Huronian sediments of the Cobalt group intruded by Nipissing Diabase (2.200 Ga). Jurassic age diamond-bearing kimberlite pipes are found east of Kirkland Lake and Matheson". \*(ref Lovel 1967)

Larder - Cadillac Deformation Zone (LCDZ), a major east-west structural control on gold bearing alteration and mineralization, which in much of its length coincides with a folded and deformed sinuous belt of sedimentary rocks of conglomerate, sandstone and volcanic tuffs. The LCDZ is a carbonatized shear zone characterized in some places by the presence of quartz stockwork, and green mica. It is considered to be the western extension of the Malartic-Cadillac Deformation Zone, a more than 160 km long. The deformation zone is a south-dipping reverse fault, the south side of which seems to have moved upward and eastward relative to the north side.

Locally, the Larder Lake Deformation Zone has been traced at intervals from east of Kerr Addison mine to west of Kenogami Lake. It is exposed about 2 km south of the gold mines of Kirkland Lake. Kirkland Lake "main break" is a fault zone branching northeastward from the LCDZ in the vicinity of Kenogami Lake. It passes through all the gold mines at Kirkland Lake, and has been identified to a depth of more than 2 km. Relative to the north side, its south side moved up 460 m almost vertically. The fault zone varies from a single plane to multiple bifurcating planes.

The gold mines at Kirkland Lake occur in a single geological orebody 5 km long and more than 2.4 km deep. The longest stoping length of ore is at the 3,000-foot level (914 m), where 2000



# General Geology of the Kirkland Lake Area

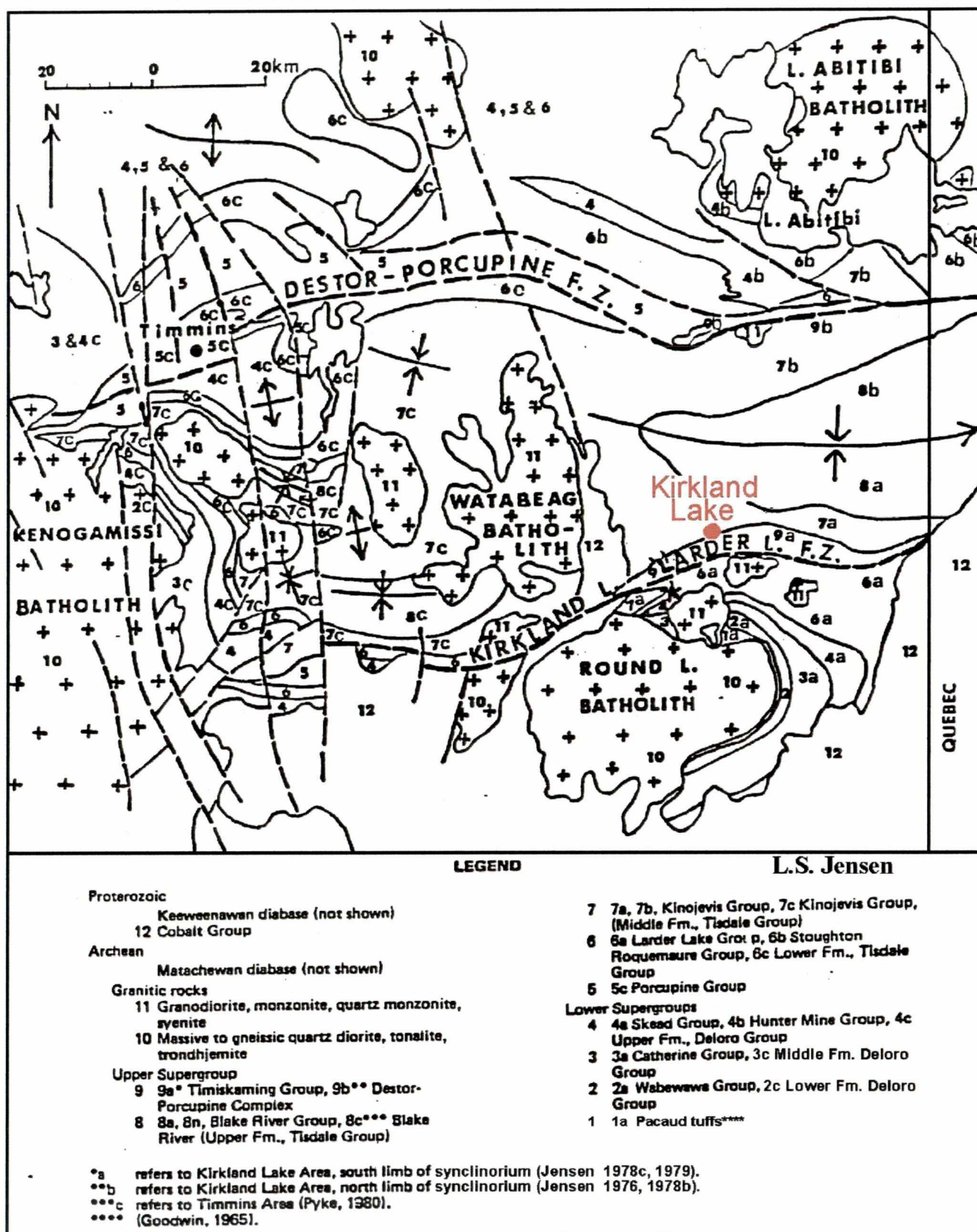


Figure - 3



meters length of ore were shared by Teck-Hughes, Lake Shore, and Wright-Hargreaves. All ore is in or near the Kirkland Lake "main break" and subsidiary faults.

In the Kirkland Lake area, gold exists in all types of rock, but 85 percent of the ore is in syenitic plugs and trachytic flows in the belt of Timiskaming-type sedimentary rocks. The center of the Kirkland Lake gold mines (at Teck-Hughes) is occupied by an irregular pipe-like felsic syenite body the dimensions of which is 300 m by 500 m at surface. These dimensions increase greatly with increasing depth and appears to "bulge" more to the south.

At the new South Mine complex, most of the new discoveries are sulphide zones rather than the quartz-vein hosted gold found historically, and comprise silicified pyritic tuff or porphyry with visible gold and tellurides. A distinct buff colored albitic? alteration is evident in many zones. These zones lay much flatter than the Main Break system and are interpreted to be a "cross over" type faulting passing between the Main break series of faults and a as of yet unknown southernly fault system, possibly directly related to the LCDZ which does also occur to the south.

It is important to note that even in a mining camp such as Kirkland Lake that has been the subject to a tremendous amount of exploration work, that as recently as the mid 1990's and 2005, new gold bearing structures are being found.

Post-ore strike-faults and transverse faults offset some of the ore bodies. The largest post-ore fault, the Lake Shore transverse fault, extends from surface to the deepest workings. It dips steeply southeast, and its east side moved down 100 m and north 200 m relative to its west side. The fault has been mapped north from the Main Break through the claim area and on to the Goodfish Lake area where it appears to roll into or be truncated by a more easterly trending fault system. Gold occurs in this area proximal to north east trending shears and the Lakeshore fault splays. At the Kirana Mine, gold ore was developed in pyritic silicious zones associated with the sheared contacts of the volcanic rock with the felsic porphyries.

## CLAIM GEOLOGY/PREVIOUS WORK

The geology of Teck Township is discussed at length in the 1928 report by E. W. Todd and I would refer the interested reader to this publication. The geology of Teck Township has been covered extensively by various authors and many thesis papers and mine reports have been published over the last 100 years. Much information on this township is in the Resident Geologists office in Kirkland Lake. The Kirkland Lake camp has also attracted the labour of countless other prospectors and explorers whose work was never documented but the many slumped and part filled pits and trenches scattered throughout the area attest to their efforts.

The claim lays just to the north of the the Kirkland Lake Main Break. The claim claim straddles and sits mostly on the north side of the faulted Temiskaming-Blake River contact. This "unconformity" has been explored on strike of the claim by various operators over the history of the camp. Several shafts and drill holes have encountered gold values, but far more extensive work would be required to properly evaluate this structure. With the exception of a limited area in the region of the #2 post of claim L122121 which are Temiskaming Sediments, all the rock on claim L122121 are Blake River volcanic rock in contact with a mafic (gabbroic) intrusive dominating the west part of the claim.

Eight core holes have been drilled on claim L122121 in past years by Newfields Minerals, Zenda Capitol Corp and most recently by Vault. These holes were oriented to intersect a north south break system. These seven collar locations with azimuths of the holes were field mapped by the author and mapped to the present grid in about 2005. These prior drill holes intersected anomolous gold values in several holes. Several other holes were done in the region just east of the claim to assess parallel gold bearing features likely associated with the Lakeshore Fault system. The features targeted were encountered in the drilling and gold values were generally low. The drilling did confirm strike and geometry of some of the fault features.

Newfields hole #34 intersected .498oz/ton across 1.1 feet, about 170 feet vertical from surface. Zenda drillhole #04-1 encountered 14.75gAu/t over 1 meter (.458oz/t~3.3') at about 50 feet vertical from surface on the same structure..Zenda drillhole #04-2 may have overshot the structure in the overburden but did intersect a 1.75gAu/t over a 1.1 meter section down hole from the intended target. Another section ten meters deeper gave about .9gAu/t over .7 meters.







Stripping of an area south and on strike of the gold bearing drill holes area was conducted for Zenda by T. Oconner in about 2004. At the south end of the strip area, the vein was shown to be approximately 2 m wide for about 4 m of strike length before weakening into a series of 0.15 m wide shears that trend NNE and network along different structures from each other. Surface sampling/assays if any of channel sampling have not been released or documented on this vein.

In June of 2005, a 2.5 km total field magnetic survey was completed by D. Robinson on claim L1222121 on a field grid cut by the claim holder the same year. The survey outlined a roughly circular magnetic feature within the claim boundary. This appears to reflect a possible pipe like structure associated with the gold bearing alteration/veining/shearing in the area of the Newfields/Zenda drill holes? Mapping of outcrops and former drill sites as well as claim posts and cultural features was completed and referenced to the survey. A random grab sample of the original trench of the break exposed on the southern trenched area on this fault system assayed at up to 1oz/ton. (ref:Resident Geologists files). This trench is mapped the area of this report also.

In the spring of 2006, six diamond drill holes totaling 685 metres were performed for Vault Minerals in around the immediate claim area. These holes focused on two areas having structural systems and epithermal veining with similar alteration, composition and mineralization to epithermal veins mined along the Kirkland Lake Main Break. The drill program was designed specifically to understand structural & vein geometry of the targeted shear-breccia systems, gold concentrations & continuity within these systems and mineralization-alteration characteristics.

Drill holes MB07-02 to 05 were designed to follow-up on historic drill hole T1-2000, located about 100 meters to the east of L1222121 that intersected 22.6 g Au/t over 1.2 m in a sheared mafic volcanic breccia with sericite-chlorite alteration, quartz-ankerite veining and pyrite mineralization. Dolomitic alteration is noted in a drill log of hole 2004-1 performed just to the west of hole T1-2000 which was drilled to test another strong shear with a pinching and swelling 4 to 18 inch smoky quartz vein exposed on surface for about 100 meters. Drill holes MB07-02 to 05 were designed to test the shear-vein system and the hanging wall breccia zone for gold concentrations & continuity, mineralization characteristics and structural & vein geometry. This was accomplished. The origin/control of gold mineralization in the breccia zone is inconclusive. The zone may represent a primary volcanogenic flow-top breccia that had been exploited by later shear-bands/fractures and allowed for hydrothermal mineralized fluid migration. The zone may also represent a tectonic-breccia feature, in close proximity to the Timiskaming-Blake River unconformity that has been acted as a conduit for mineralized fluids. These features likely cross into L1222121 at a point under overburden cover about midway between the #1 post and the #2 post. Since the structures dip steeply to the west-north-west, they would probably enter into the claim at depth. (ref:afri-200720004215)

Drill holes MB07-06 and 07 were designed to test the Newfield/Zenda shear shear-vein system as it occurs on L1222121, for gold concentrations & continuity, vein geometry and mineralization characteristics. This vein strikes 025° azimuth, dips 80° NW, has a true width of less than 0.5 m to 1.5m to at least 60m below surface with elevated gold and molybdenum concentrations.

It is noted that the Lake Shore fault represents a 'significant' sinistral (east-side down displacement) cross-fault that may have multiple associated strain splays, stepover veins or proximal structural traps and that may have acted as a conduit for mineralized hydrothermal fluids. Both the shear system to the east of claim L1222121 and the Newfield/Zenda shear systems consist of epithermal veining contain elevated gold, silver and molybdenum concentrations and have similar composition-alteration mineralization characteristics to that of Kirkland Lake 'Main Break' veining. The shear-veining systems may widen at depth & along strike and may have companion, parallel structures.

In the fall of 2007 Vault Minerals drilled an additional four holes, in which hole MB-07-11 cut the Newfields/Zenda shear-vein as a section of pyritic vein in the volcanics which assayed 8.36gAu/t over 1/2 meter about 25 meters below the Zenda hole. In the same hole another section which ran 2.33gAu/t over 1.1 meters was intersected ten meters further down hole. A .65 meter section assayed 1.09gAu/t about 38 meters downhole beyond the target vein. All values were

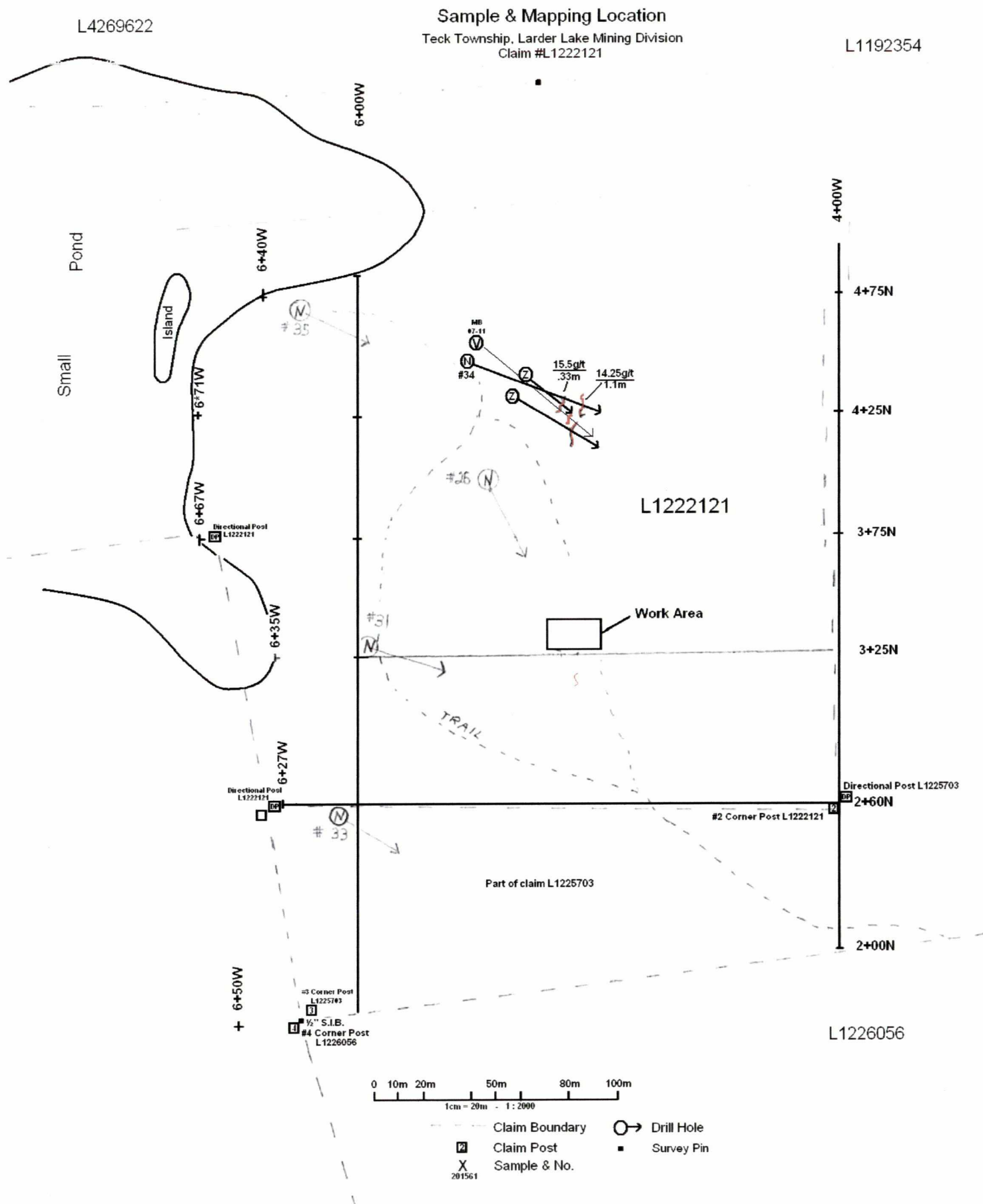


Figure - 5



associated with shearing, quartz veining and 5 to 10% pyrites, +/- molybdenite or silver. The shearing which appears to control the gold and metal concentrations was intersected in all the drill holes, though not always associated with significant attendant metal enrichments. Vault suggested that the Lake Shore fault represents a 'significant' sinistral (east-Side down displacement) cross-fault that may have multiple associated strain splays, stepover veins or proximal structural traps and that may have acted as a conduit for mineralized hydrothermal fluids.

Not typical of Kirkland Lake style gold environments is that these mineralized break systems are entirely within the volcanic rocks and is oriented at 30° to 45° to the historically worked trends.

## PRESENT WORK

During June of 2015, the site of the exposed shears and veins with previously reported alteration, pyrites and elevated gold values, occurring at the southern area of L1222121 was visited. After re-establishing several points of the former grid and the claim staking to tie in the work area, cleaning then mapping was done. Representative rock samples of the veining with mineralization at 3 locations in the mapped area were collected and submitted for gold assay.

## RESULTS

The area exposed are Blake River fine grained pillowed mafic volcanic rocks of a grey-green colour. Quartz-carbonate veinlets and stringers with or without chlorite with random orientations occurs throughout. Most of the area exposed is carbonitized and bleached to varying amounts. Pillow selvages sections? and other relict features usually show some quartz carbonate +/- chlorite or epidote. Bleached or silicified parts are evident around some fractures usually with some pyrites. Ductile-brittle shearing and brecciation is evident across the workings with more focussed areas coincident with the historic trench/vein of the sample #20163 area, and at the wider crack and seal appearing vein area of sample # 20161. The dominant trend of shearing and veining is at about 022° to about 025° astronomic. Much of the exposed rock shows varying amount of rusting around the more fractured/strained areas due to some form of iron carbonate alteration of the protolith. Sericite is more evident proximal to the more veined or strained areas. White and lesser yellow/brassy pyrite occurs randomly as grains, sprays, odd stringers and fine points throughout but probably averages less than 2%. Strained altered volcanic rock adjacent to veins in the shears appear to carry higher percents of pyrites. The sample descriptions on the following pages give more detail to the veined areas of the exposure.

## CONCLUSION

Gold mineralization at the Kirkland Lake camp occurs in epigenetic structurally controlled deposits localized along "breaks", in veins as quartz-filled fractures and breccias. Gold mineralization is located along the breaks and subordinate splays as fracture fill quartz veins several inches to 5 ft thick. Veins may be single, sheeted or stacked morphology. Gold is usually accompanied by 1% to 3% pyrite. Wallrock alteration is commonly hematization or bleaching with carbonitization, silicification and locally sericitization (Kirkland Lake Gold Inc, 2003).

The shear systems on the property with epithermal veining contain elevated gold, silver and molybdenum concentrations and have similar composition, alteration and mineralization characteristics to that of Kirkland Lake 'Main Break' veining. The shear-veining systems may widen at depth & along strike and may have companion, parallel structures.

The area of exposure displays these features. Re cleaning of more of the original vein area and comprehensive sampling may better define the potential here. Work undertaken to further define the extent of the mineralization in context of the "shoot" like nature of gold environment in Kirkland Lake is warranted. It is hoped that eventually a more targeted core drilling program could be done in the areas immediately adjacent to the known veining/values to further expand them or define other lenses.





## SAMPLES

20161 Sample of the shear/vein area likely the site noted in the Zenda and Vault reports. General trend of about 023° astronomic. Shows more of a crack and seal type veining with ¼" to 4" quartz and carbonate veins with waxy chloritic and sericitic linings and coatings with possibly slickened surfaces, with minor layering of sericitized/chloritized wallrock included. Random yellowish and whitish pyrites as tiny rhombs and pinpoints throughout. Random blackish surface coating noted which may be molybdenite. Rusty on exposed surfaces of carbonate stringers. Wallrock bleached/alterd and minor pyritic to about 3 feet. Orange-red rusty powder-paste on more heavily rusted areas in patches and following relict stringers? Widens to about 3 feet before going under the slumped overburden cover on the south limit of exposed area.

20162 Picked sample from vein rock from "gashy" open filling looking vein running almost 90° to the local shearing and strain noted. Vein up to 12" wide. Whitish quartz with a visually darker glassier quartz as irregular thin lines and masses blended into the whiter quartz. Flecks and coatings of yellowish brown rust throughout likely as surface oxidization of iron carbonate area. Pyrite as odd brassy or whitish pinpoints, tiny rhombs up to about ¼mm, and fine grain aggregates or sprays up to about 5 mm in size, mostly in the darker quartz. Lesser chalcopyrite usually around the pyrite/darker quartz. Fine grains of blackish mineral possibly molybdenite also noticable in the pyritic areas. Tiny vugs randomly throughout with some partly euhedral appearing quartz ends. Random small chloritic? flecks. Wallrock to the vein is visibly more yellowish with sericite? and almost foliated appearing. Thin glassy quartz stringers, some with chloritic coating are throughout at random orientations. Pyrite and add chpy occurs in these glassy thin stringers. Adjacent vein shows a "in situ breccia" appearance to the rusty fragments which may indicate that an earlier predominantly ankeritic vein was fractured then healed with a quartz.

20163 - Sample of smoky quartz vein from original trench. This is likely the "Wessel" showing which had noted gold values up to 1oz/ton in selected samples in historic reports. General trend of about 022° astronomic. Foliated in the wallrock up to 2 feet from veining showing sericite, thin pyritic wisps and thin quartz stringers with or without chloritic coating. Numerous thin ankeritic wisps and stringers in a network in the foliated rock. Vein shows darker smokey quartz, in a lighter greyish to whitish glassy quartz. Pyrite as fine specks and random sprays and as tiny rhombs and aggregates to ½mm in size, and as thin irregular stringers. Iron carbonate strigers in the wallrock as "rusty quartz" wisps. Exposed surfaces of vein show random angular patches of "rusty quartz" probably indicating areas of ankerite or dolomite. Inclusions of altered volcanic wallrock vaguely oriented to strike of the vein show much fine grained disseminated pyrite up to about 15%.

## 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.  
1988: Archaen Lode Gold Deposits in Ontario; Ontario Geological Survey, Miscellaneous Paper 139, Part 1-A Depositional Model and Part 11- A Genetic Model
- Downes, M.J.  
1981: Structural and Stratigraphic Aspects of Gold Mineralization in the Larder Lake Area, Temiskaming District Ontario; in Genesis of Archean, Volcanic Hosted Gold Deposits, Symposium Held at the University of Waterloo, March 7, 1980, Ontario Geological Survey  
Miscellaneous Paper 97, p. 66-70
- Fortescue, J.A.C. and Gleeson, C.F.  
1984: An introduction to the Kirkland Lake (KLIP) Basal Till Geochemical and Mineralogical Study (1979-1982), Temiskaming District, Ontario Geological Survey, Map 80 714, Geochemical Series, Compiled 1984
- Gamble, David A.P., P. Geo  
2011, Oct 11 Technical Report on the Resources at the Amalgamated Kirkland Property, Teck Township, Larder Lake Mining Division, Report for NI 43 - 101 on behalf of Queenston Mining
- Hicks, K.D., and Hattori, K.  
1988: Magmatic-Hydrothermal and Wall Rock Alteration Petrology at the Lake Shore Gold Deposit, Kirkland Lake, Ontario; in Geoscience Research Grant Program, Summary of Research 1987 to 1988, Ontario Geological Survey, Miscellaneous Paper 140, Grant 313, p. 192-204
- Hattori, Keiko, and Levesque, G.  
1989: Hydrothermal Activity in the Kirkland Lake Intrusive Complex, Temiskaming District, Ontario, in Geoscience Research Grant Program, Summary of Research 1988 to 1989, Ontario Geological Survey, Miscellaneous Paper 143, Grant 313, p. 59-67
- 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.  
1981: Gold Mineralization in the Kirkland Lake-Larder Lake Area; in Genesis of Archean, Volcanic Hosted Gold Deposits, Symposium Held at the University of Waterloo, March 7, 1980, Ontario Geological Survey  
Miscellaneous Paper 97, p. 59-65
- 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



- Ontario Geological Survey  
1979: Airborne Electromagnetic and Total Intensity Magnetic Survey, Kirkland Lake Area, Teck Township, District of Temiskaming : by Questor Surveys Limited for the Ontario Geological Survey, Prelim. Map P.2263A North Half, and 2263B South Half, Geophys. Series., Scale 1:20,000, Survey and compilation February and March 1979
- Ontario Geological Survey  
1986: Volcanology and Mineral Deposits, Miscellaneous Paper 129
- Ontario Geological Survey  
1990: OGS Miscellaneous Paper 147, Report of Activities, Resident Geologists, page 257, G. Meyer et. al Past production in the Kirkland Lake Resident Geologist's District, (to the end of 1988),
- Powell, W.G., Hodgson, C.J., and Hanes, J.A.  
1989: The Expression of the Larder Lake Break in the Matachewan Area, Temiskaming District, Ontario; in Geoscience Research Grant Program, Summary of Research 1988 to 1989, Ontario Geological Survey, Miscellaneous Paper 143, Grant 329, p. 125-132
- Powell, W.G.  
1991: The distribution, structural history and relationship to regional metamorphism of high strain zones forming the Larder Lake-Cadillac deformation zone, Matachewan area, Abitibi Belt; Ontario Geological Survey, Open File Report 5789, 150p
- 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
- Thomson, Jas. E.  
1948: Geology of Teck Township, District of Temiskaming, Ontario: Map No. 1945-1, scale : 1 inch to 1000 feet, Compilation for Publication by Jas. E. Thomson 1943 and 1944
- Thomson, Jas. E.  
1948: Geology of Teck Township and the Kenogami Lake Area : Ontario Department of Mines, Vol. XXVII, Part V, P. 1-53
- Thomson, Jas. E., Charlewood, G.H., Griffin, K., Hawley, J.E., Hopkins, Harold, MacIntosh, C.G., Ogrizlo, O.S., and Perry, Wm. Ward  
1948: Geology of the Main Ore Zone at Kirkland Lake : Ontario Department of Mines, Vol. XXVII, Part V, P. 54-188
- Todd, E. W.,  
1928: Kirkland Lake Gold Area (a detailed study of the central zone and vicinity): Ontario Department of Mines, Vol. XXVIII
- Toogood, D.J. and Hodgson, C.J.  
1986: Relationship Between Gold Deposits and the Tectonic Framework of the Abitibi Greenstone Belt in the Kirkland Lake-Larder Lake Area; Geoscience Research Grant Program, Summary of Research 1985 to 1986, Ontario Geological Survey, Miscellaneous Paper 130, Grant 227, p.79-86
- Kirkland Lake Assessment Files -