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Assessment Report on the 2020 Prospecting Campaign

Brookbank Project

Greenstone Gold Mines GP Inc.

Geraldton Area, Thunder Bay Mining Division

Ashmore Township

NTS Sheets 42E/12

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1.0 Summary

This report focuses on a prospecting program conducted by Greenstone Gold Mines GP Inc. (GGM) in the summer of 2020 on their Brookbank property, northeast of the town of Beardmore, ON and approximately 70 kilometers from the Greenstone Mine property, an open pit gold mine under construction. Greenstone Gold Mines holds 100% interest in the mining lease where the Brookbank gold deposit is located, with the remaining portion of the Property subject to two Joint Venture (JV) agreements with Metalore Resources Limited (Metalore). The first JV is a Greenstone 74%/Metalore 26% split, with the second JV being a Greenstone 79%/Metalore 21% split. The field campaign took place on a combined 26 mining claims and 2 mining leases. Brookbank Central, Bearskin North and associated gold showings East of the main Brookbank deposit up the Road 801 were targeted. Previously, the focus of exploration had been within GGM's Brookbank deposit and Brookbank East. This program's focus was to explore and ground truth the historic reports and showings of the Brookbank central region, which is significantly underexplored compared to Brookbank proper.

The field campaign was conducted sporadically between July 13th and September 2nd for 21 field days total. A total of 75 grab samples were collected and submitted for gold fire assay and multielement ICP to Activation Laboratories in Geraldton, ON.

A newly cleared road cut uncovered an approximately 1km altered shear zone in the Brookbank Central shear, but assay results were unfortunately discouraging. Going East, several samples were taken along the sedimentary/volcanic contact where increased shearing and alteration were evident, but results were insignificant. There were interesting results from Bearskin North, where historic trenching returned values up to 11.14g/t Au. These results were confirmed with grab samples returning values of 20.6 g/t Au, 4.0 g/t Au, and 3.17 g/t Au respectively. A potential new zone was discovered approximately 200m east of the Bearskin North showing where one sample returned 0.85 g/t Au.. To the South, the historic Powerline showing was uncovered near the end of the program and requires more follow up with one sample returning 0.45 g/t Au. All coordinates referenced in this report are in North American Datum 1983 (NAD83), Zone 16 North.

2.0 Property Description, Access, Climate and Physiography

The Brookbank property is located 15 kilometres northeast of the town of Beardmore, Ontario in the municipality of Greenstone. The property is located within the townships of Irwin, Sandra, Walters, Leduc and Legault on NTS Map sheets 42E/11 and 42E/12 (Figure 1).

The closest major city is Thunder Bay Ontario which is located approximately 180 kilometres southwest of the property. The city of Thunder Bay has a population of 109,000 and provides support services, equipment and skilled labour for both the mineral exploration and mining industry. Rail, national highway, port, and international airport services are also available out of Thunder Bay.

The land surrounding the property is Crown Land, with limited access that is used primarily for recreation. Seasonal cottages, situated on Windigokan Lake are located approximately seven kilometres west of the Brookbank Zone. The property can be directly accessed through Windigokan Lake Road, which runs off highway 11 just over 13 kilometres' northeast of Beardmore, Ontario. Windigokan Lake Road is a gravel road that must be plowed in the winter to access the property year-round.

The property is located within the Lake Nipigon Eco-region of the Boreal Shield Eco- zone. The climate is characterized by warm summers and cold, snowy winters. The temperature range for the winter months (November to March) is on average -40°C to 5°C, whereas in the summer months (June to September) the temperature range is on average 30°C to 5°C. Precipitation is variable from year to year, with the bulk of the yearly total occurring as showers and thunderstorms in the summer months. The area is snow covered for approximately 5 months of the year. Weather conditions rarely become severe in the area and exploration activities can persist throughout the year with the only weather related issues pertain to heavy snowfall or spring breakup.

The topography of the property is characterized by rolling hills and east-west rocky ridges, with intervening swampy ground and lakes. Relief does exceed 100 metres in certain areas of the property; however, it is generally less than 10 metres.

The climate can be classified as humid continental and supports a wide range of vegetation. The dominant tree species in the area are typically of mixed forest including; balsam fir, black spruce, jack pine, and poplar. Ground cover consists of moss and lichen. Hummocky bedrock outcrops covered with this acidic moraine deposits, fluvial lacustrine silts, and sands dominate the landscape.

Drainage within the northern portion of the property is via the Namewaminikan River which eventually drains into Lake Nipigon to the west. The southern portion of the property drains south to the Blackwater River, which flows westerly.

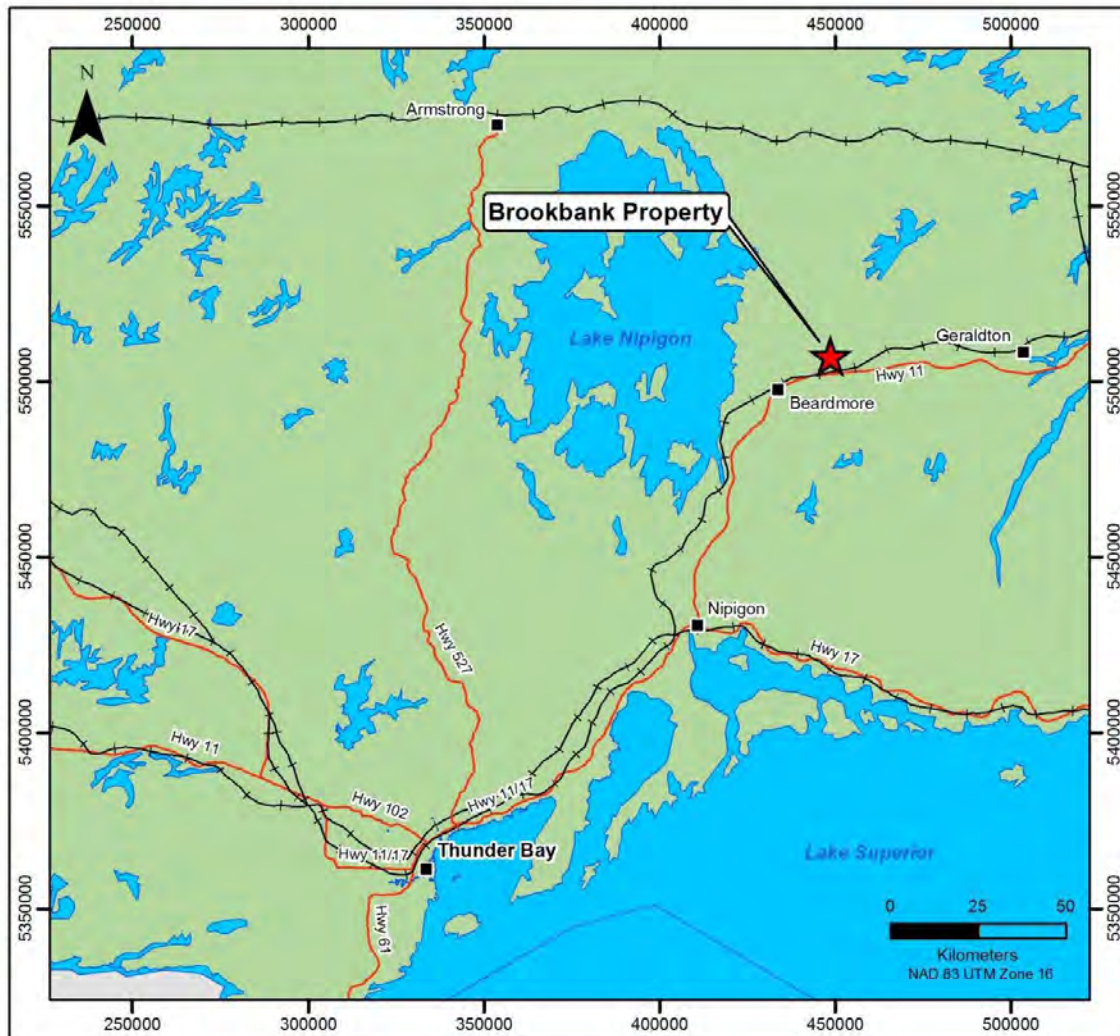


Figure 1: Property Location Map

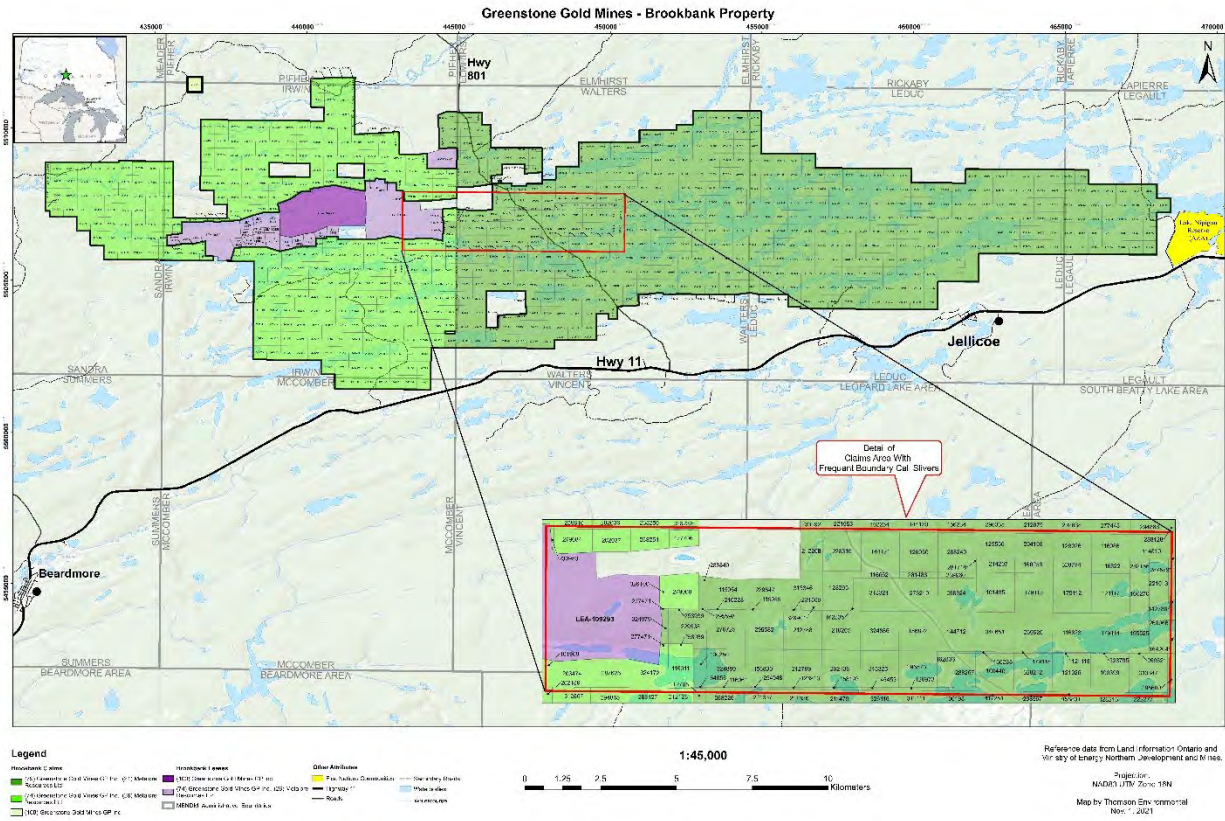


Figure 2: Brookbank Claim Map.

The work detailed in this report was conducted on a combined 26 mining claims and 2 mining leases. See table 1 for tenure information.

Table 1: Claim Summary – Patents included within this report.

Tenure ID	Provincial Grid Cell Number	Claim Due Date	Claim Type	Percent Option
114810	42E12J150	June 19, 2022	Claim	21% Metalore, 79% GGM
115054	42E12K179	December 15, 2021	Claim	21% Metalore, 79% GGM
156822	42E12J184	July 26, 2022	Claim	21% Metalore, 79% GGM
156830	42E12K220	September 23, 2022	Claim	21% Metalore, 79% GGM
156839	42E12J133	February 9, 2022	Claim	21% Metalore, 79% GGM
162905	42E12J152	February 9, 2022	Claim	21% Metalore, 79% GGM
163554	42E12J107	April 20, 2022	Claim	21% Metalore, 79% GGM
164177	42E12J132	February 9, 2022	Claim	21% Metalore, 79% GGM
202138	42E12J202	July 26, 2022	Claim	21% Metalore, 79% GGM
204108	42E12J147	February 11, 2022	Claim	21% Metalore, 79% GGM
210205	42E12J182	July 26, 2022	Claim	21% Metalore, 79% GGM
230252	42E12J108	February 11, 2022	Claim	21% Metalore, 79% GGM
230257	42E12K147	April 20, 2022	Claim	26% Metalore, 74% GGM
257516	42E12J110	January 21, 2022	Claim	21% Metalore, 79% GGM
276210	42E12J164	July 26, 2022	Claim	21% Metalore, 79% GGM
276725	42E12K199	September 23, 2022	Claim	21% Metalore, 79% GGM
276758	42E12J109	February 11, 2022	Claim	21% Metalore, 79% GGM
277448	42E12J129	February 11, 2022	Claim	21% Metalore, 79% GGM
278974	42E12K146	April 20, 2022	Claim	26% Metalore, 74% GGM
279000	42E12K178	December 9, 2021	Claim	26% Metalore, 74% GGM
287579	42E12J151	June 19, 2022	Claim	21% Metalore, 79% GGM
288824	42E12J165	July 26, 2022	Claim	21% Metalore, 79% GGM
288840	42E12K178	December 15, 2021	Claim	21% Metalore, 79% GGM
295573	42E12J204	July 26, 2022	Claim	21% Metalore, 79% GGM
295582	42E12K200	September 23, 2022	Claim	21% Metalore, 79% GGM
324866	42E12J183	July 26, 2022	Claim	21% Metalore, 79% GGM
LEA-109291	42E12K205, 42E12K206, 42E12K207, 42E12K185, 42E12K186, 42E12K187, 42E12K188, 42E12K189, 42E12K190, 42E12K191, 42E12K192, 42E12K165, 42E12K166, 42E12K167, 42E12K168, 42E12K169, 42E12K170, 42E12K171, 42E12K172, 42E12K145, 42E12K146, 42E12K147, 42E12K148, 42E12K149, 42E12K150, 42E12K151, 42E12K152, 42E12K127, 42E12K128, 42E12K129, 42E12K130, 42E12K131, 42E12K132	May 31, 2033	Lease	100% GGM

Tenure ID	Provincial Grid Cell Number	Claim Due Date	Claim Type	Percent Option
LEA-109293	42E12K212, 42E12K213, 42E12K214, 42E12K215, 42E12K216, 42E12K217, 42E12K192, 42E12K193, 42E12K194, 42E12K195, 42E12K196, 42E12K197, 42E12K172, 42E12K173, 42E12K174, 42E12K175, 42E12K176, 42E12K177, 42E12K152, 42E12K153, 42E12K154, 42E12K155, 42E12K156, 42E12K132, 42E12K133, 42E12K134	May 31, 2033	Lease	26% Metalore, 74% GGM

3.0 Geological Setting

3.1 Regional Geology

The Brookbank deposit lies within the Beardmore-Geraldton Greenstone Belt (BGGB), which is an Archean metavolcanic-metasedimentary terrane. It lies at the boundary between the Quetico Subprovince and the eastern Wabigoon Subprovince, both being located within the Superior Province. The BGGB can be further sub-divided into east striking sub belts, all greenschist facies of metamorphic grade.

The overall structure of BGGB appears to be one of six stacked, imbricated, internally northward younging sheets which have been interpreted as the product of accretionary wedge tectonics. Large scale D1 thrusting occurred along the southern margin of the Wabigoon Subprovince in the Beardmore Geraldton area between 2696 Ma and 2691 Ma. A comprehensive D2 event (2692 Ma to 2686 Ma) steepened the beds to a near vertical position, forming large scale fold structures, resulting in what was to become the current structure of the belt (Smyk, M., Fralick, P., and Hart, T., 2005).

The following is taken verbatim from Blakely and Moreton (2009).

The Brookbank Project lies near the southern boundary of the east-trending, isoclinally folded Wabigoon Subprovince of the Superior Structural Province (Figure 3). The Wabigoon Subprovince (Wabigoon) is a 900 km long, 150 km wide, granite greenstone strip that consists of metamorphosed volcanic and subordinate sedimentary rocks, ranging in age from about 3 to 2.71 billion years old. These units are cut by circa 3 to 2.69-billion-year-old granitoid batholiths, gabbroic sills and stocks. The Wabigoon has been divided by Blackburn et al. (1991) into three regions, each with differing structural styles and proportions of the major units. The Brookbank Project is located within the eastern region of the Wabigoon where the geology largely consists of isolated greenstone septa surrounded by granitoid units. The Wabigoon has been subjected to at least two major structural events, the first of which is an early aggregation of supracrustal assemblages. The second deformation relates to the interaction of the Wabigoon with its neighbouring geology; this results in contrasting patterns between the interior and margins of the subprovince (Blackburn et al., 1991).

The Wabigoon is bordered to the south by the Quetico Subprovince, a linear strip of dominantly metasedimentary rocks, with migmatitic and anatectic derivatives, that has a relatively consistent width of 70 km. It extends from Minnesota in the southwest, eastwards across Ontario for nearly 1,000 km. It consists predominantly of metamorphosed turbiditic wacke, largely derived from, and deposited during and after, the volcanic climax in the neighbouring Wawa, Wabigoon and Abitibi subprovinces, during the period from 2.70 to 2.69 billion years. The southern margin of the Wabigoon displays a linear structural grain manifested by repetitive volcanic and sedimentary sequences in which stratigraphic facing may be inward, outward or inconsistent. Major transcurrent faults occur at, and adjacent to, the southern margin of the Wabigoon, paralleling the structural grain. The subprovince boundaries are presently considered to be predominantly tectonic but, in some places, may originally have been depositional (Williams, 1991).

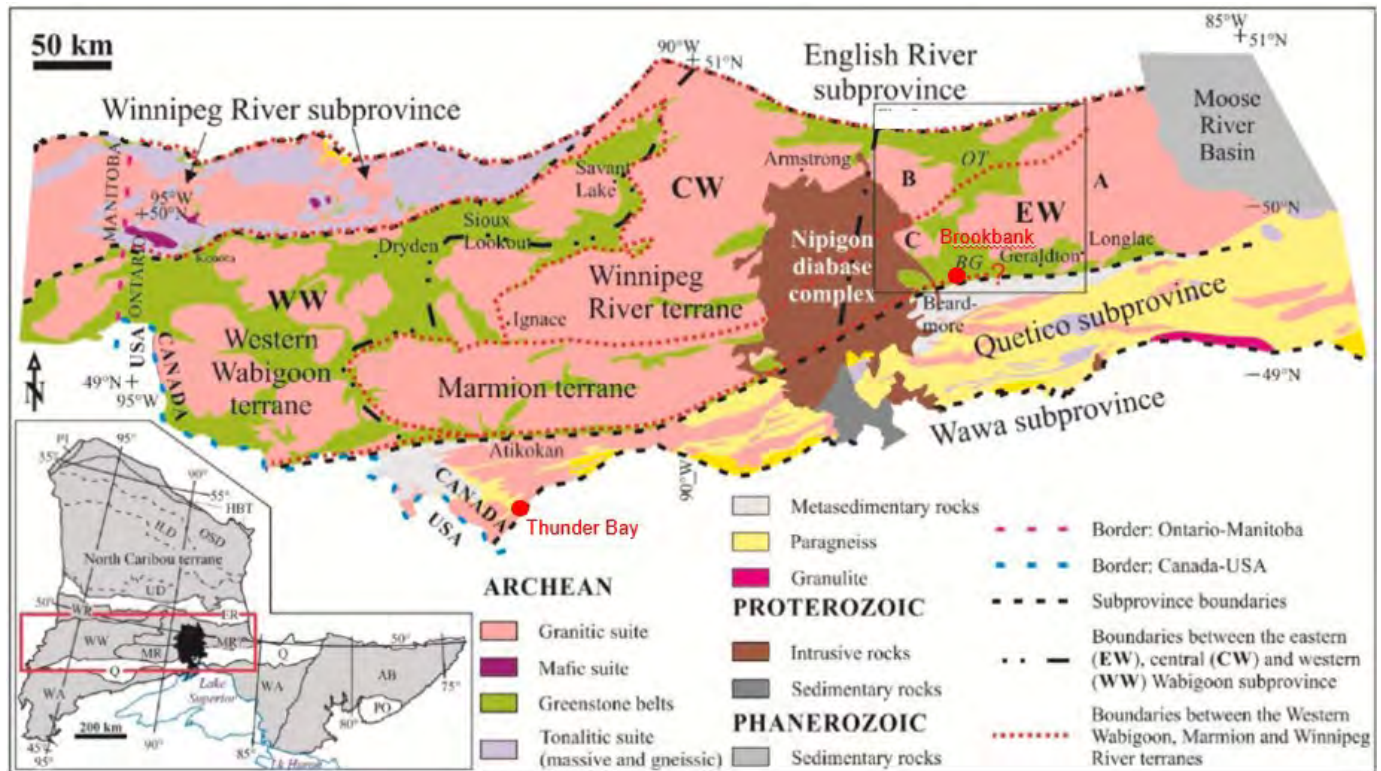


Figure 3: Regional Geology (from Toth et al., 2022).

3.2 Local Geology

The following is also taken verbatim from Blakely and Moreton (2009).

The Brookbank Project lies near the southern margin of the Beardmore-Geraldton greenstone belt (BGG). The BGG is a Neoproterozoic metavolcanic-metasedimentary terrane at the boundary of the eastern Wabigoon Subprovince and the Quetico Subprovince. The following description is taken from Smyk et al. (2005).

The BGGB can be subdivided into six east-striking sub-belts, all of greenschist facies metamorphic grade. These are the northern metasedimentary sub-belt (NMB), northern volcanic sub-belt (NVB), central metasedimentary sub-belt (CMB), central volcanic sub-belt (CVB), southern metasedimentary sub-belt (SMB) and the southern volcanic sub-belt (SVB) (Devaney and Williams, 1989; see also Figure 4).

Although these sub-belts are fault-bounded, current consensus suggests that they probably reflect an original sedimentary assemblage deposited on a cratonic margin in environments ranging from alluvial fan-braid plain in the NMB, through fan delta-braid delta in the CMB to a submarine fan/ramp in the SMB. Original continuity of this succession is supported by consistent stratigraphic trends and sedimentary structures that mostly young to the north. Isoclinal folds notwithstanding, the overall structure of the BGGB appears to be initially one of stacked, imbricate, internally northward-younging sheets which have been interpreted as the product of accretionary wedge tectonics.

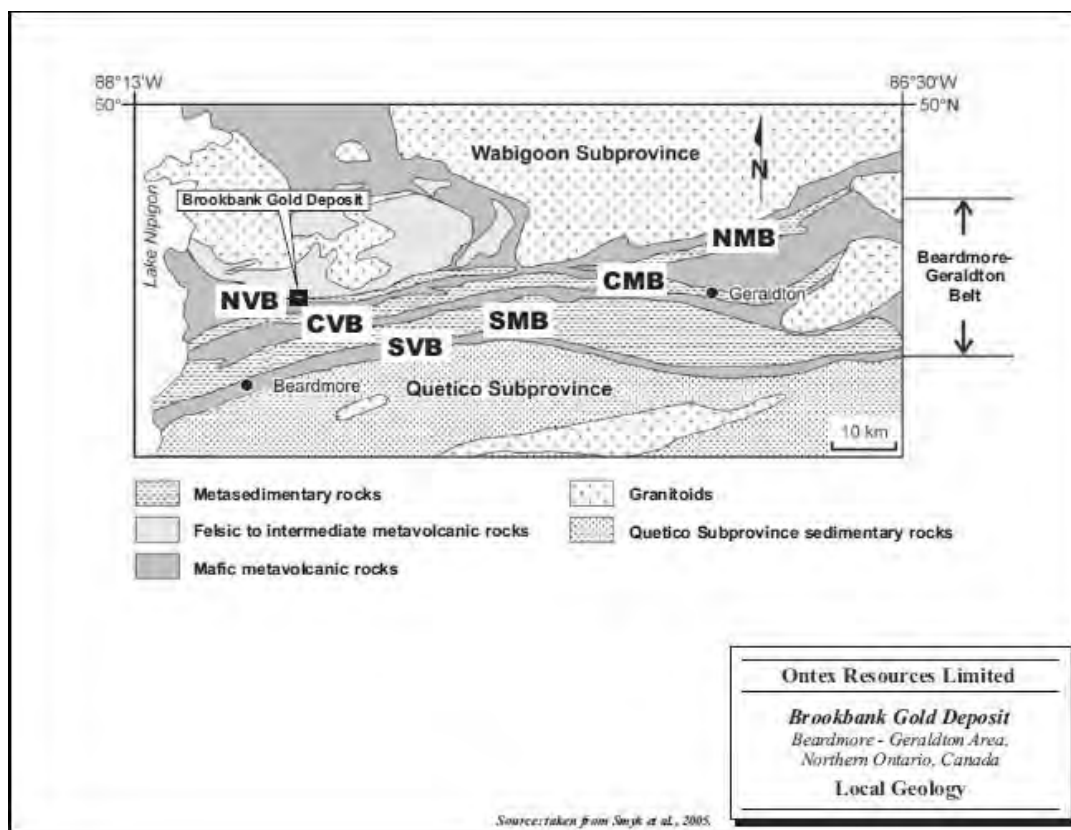


Figure 4: Local Geology (from Blakely and Moreton, 2009).

3.3 Igneous Rock

The following is taken verbatim from Blakely and Moreton (2009).

Mafic metavolcanic rocks of the SVB consist of massive and pillowed flows, with minor tuffs, lapilli tuffs

and tuff breccias with associated interflow chert-magnetite iron formations. The CVB consists of intermediate massive and pillowed flows with significant tuffs, lapilli tuffs and tuff breccias and minor interflow chert-magnetite iron formation. The NVB is subdivided into the northern Bish Bay assemblage (BBA) and southern Poplar Point assemblage (PPA).

The BBA is composed of east striking mafic pillowed to massive flows and rare tuffs resembling the SVB. The PPA consists of northwest striking intermediate flows, tuff breccias and tuffs resembling the CVB, with subordinate mafic massive and pillowed flows.

A number of igneous rock types intrude the supracrustal rocks of the BGGB. These include a series of mafic to ultramafic, synvolcanic rocks, intermediate to felsic synvolcanic rocks, mafic post-tectonic intrusions and diabase dykes. The synvolcanic gabbroic rocks form thin sills sub-parallel to the strike of the mafic metavolcanic rocks of the SVB and the BBA. A large composite intrusion within the BBA displays both gabbroic and peridotitic phases in its southern and northern parts, respectively. A series of intermediate to felsic dikes and sills, ranging from massive granodiorite to quartzporphyritic, feldspar-porphyritic and feldspar-quartz-porphyritic phases, occurs within the metavolcanic rocks of the PPA. These units appear to have been emplaced along the regional foliation, although some bodies are sub-horizontal in orientation. A feldsparporphyritic granodiorite dike intrudes the mafic flows of the SVB and resembles the dikes of the PPA. Late, post-tectonic diorite sills predominantly occur within the metasedimentary and metavolcanic rocks along the contact between the SSB and CVB. Additional intrusions located along the northern and southern contacts of the PPA are generally undeformed diorite sills that display chilled contacts with the metasedimentary rocks. A swarm of narrow, generally north-striking diabase dikes intrudes the supracrustal rocks and appears to be predominantly Paleoproterozoic in age. A series of Mesoproterozoic diabase sills of the Nipigon Sill Complex intrude all other supracrustal rocks of the BGGB.

3.4 Sedimentary Rock

The following is taken verbatim from Blakely and Moreton (2009).

The NMB, the northern (uppermost) third of the CMB, and the northernmost portion of the SMB are dominated by a conglomeratic assemblage with minor amounts of sandstone. The clast-supported conglomerates are poorly to moderately sorted, and almost always non-graded with a poorly to moderately sorted sand matrix. Bedding is defined by variations in average or maximum clast size between units, but it is commonly indistinct. Scouring is locally preserved, but most other primary features such as imbrication have been destroyed by deformation. Sandstones interbedded with the conglomerates commonly appear massive, but in some outcrops planar lamination and cross-stratification are present. They have different forms ranging from lenses in conglomeratic beds; thin, irregular sheets blanketing conglomeratic beds; wedges abutting conglomeratic beds; and thicker units separating conglomerate layers. Clast types in the conglomerates are almost exclusively igneous, representing a suite of rocks like those present in the Onaman-Tashota volcanic terrane to the north.

The turbiditic association of the SMB can be divided into a clastic association and a chemical association, the latter with a high proportion of oxide-facies, banded iron formation (BIF) layers. In the chemical association, clastic interbeds are generally less than several centimeters thick, and range in grain size from silt to coarse sand. Upward- thickening and upward-coarsening trends over several metres are locally present, as at Solomon's Pillars and the Leitch Mine near Beardmore. Within the overall upward trend,

oscillations between silts, sands, and iron formation occur. Depending on the relations between these types of beds, four iron formation lithofacies associations (IFLA) can be defined.

Conglomerates contain mainly mafic to felsic volcanic and granitic clasts. Although flattened clasts indicate that IFLA outcrops are tectonically thinned, their associations are primary, with the conglomeratic units erosively cutting down into BIF- sandstone packages. Transitions between various IFLA types can be gradual or abrupt.

Some silt-sand successions containing iron formation exhibit intervals of thicker and well- graded clastic beds. They form structured sections up to several metres thick within successions that are otherwise generally disorganized.

Clastic units in the lower two thirds of the CMB and the SMB are divisible into three lithofacies associations: a thin-bedded, turbidite-dominated association (LA2); a medium bedded, turbidite-dominated association (LA3); and a thick-bedded association (LA4). LA2 consists mostly of graded, less than 10 cm thick siltstone and/or sandstone beds that are either unstructured or thin and fine upwards over one metre to three metres. LA3 is divisible into two types, LA3a and LA3b. LA3a consists of medium- to coarse- grained sandstones with sharp bottom and top contacts. Parallel lamination is present near the tops of some of the otherwise massive beds. These successions are unstructured. LA3b is similar to LA3a except these beds are organized into either upward-thickening or upward-thinning trends. Thick, poorly graded sandstones dominate LA4. The beds typically have a coarse sand or pebbly base, grading into a thick, poorly sorted, massive central area. They are often abruptly capped by thin, fine-grained sandstone. Irregular, erosional bases and scattered rip-up clasts are common.

Structured, upward-thinning and upward-fining sequences, metres to tens of metres thick, are present in the area south of Beardmore (Figure 3). The successions are topped by Bouma-style CDE and/or DE turbidites (where C is a cross-laminated sand unit, D is a parallel laminated silt unit and E is a mud layer). These are abruptly overlain by massive grain flows/high-density turbidites with internal inverse- to normal-graded, conglomeratic bands. Pebbles present in the conglomerates are mainly felsic igneous rocks (extrusive and intrusive), while rip-up clasts are not the expected mudstone or siltstone, but rather clay- and silt-rich, fine-grained sandstone. Load structures are ubiquitous throughout the area. Commonly, the base of one unit sags into the underlying beds. Locally, multiple internal loads are developed, usually in the B division (parallel laminated sands). These loads sag into the A division (sands and/or coarser-grains), in places extending into the underlying beds.

3.5 Structure

The following is taken verbatim from Blakely and Moreton (2009).

After deposition of the clastic succession, the area was subjected to thrust faulting, regional folding and dextral shearing. Thrust faulting imbricated the regional volcanic and sedimentary packages into thrust stacks (Devaney and Williams, 1989). This D1 thrusting may be associated with uncommon, early, F1 folds. The youngest detrital zircon recovered from the sedimentary units is 2690 +/- 2 Ma and this puts a maximum age on the thrusting event.

The D2 event is characterized by tight to isoclinal folds and a flattening strain fabric identified by transposed bedding and flattened clasts and/or pillows. A homoclinal, north younging sequence of regional extent developed at this time and it appears to represent the sheared-off southern limb of a larger syncline. D2 deformation also affects altered and gold-mineralized porphyry dykes in the syn-tectonic Croll Lake stock which has a UPb age-date of $2691 \pm 3 / -2$ Ma. An age of 2699 ± 1 Ma for a gold-mineralized feldspar porphyry dyke at the Hardrock Mine and identical ages of 2690 ± 1 Ma for two phases of the Croll Lake stock put constraints on the timing of major deformation and hydrothermal activity in the belt.

The final event, D3, occurred as regional transpression developed in the compressive framework of the area. Vertical bed orientations developed during D2 did not refold but rather were overprinted by a steeply dipping, regional cleavage. Partitioning of the strain, during east-west dextral shear, between less competent argillites and more competent sandstones and porphyries resulted in cleavage refraction near lithological contacts. The pervasive cleavage developed in the Paint Lake shear zone at this time shows a progressive rotation towards the orientation of the zone. This is in contrast to the Barton Bay Lithotectonic Zone (BBLZ) where the S2 fabric was reactivated to accommodate the D3 shear. Some folds were generated during this interval but they tend to be smaller Z- folds, overprinting limbs of regional F2 folds. Shear zones active at this time were dextral with nearly horizontal displacements.

3.6 Property Geology

The Brookbank Property is in a dextral shear zone localized between the metasediments and metavolcanics. The ore zone is hosted in a steeply dipping shear zone at the contact between the footwall polymictic conglomerate and the hanging-wall-calc- alkaline arc basalt (DeWolfe et al., 2006).

During the early stages of shearing the basalt acted as a structural and chemical trap that localized brittle deformation, veining, and gold deposition (DeWolfe et al., 2006). The mineralized zone is approximately 20 metres wide and extends from the sheared contact up into the meta-basalt. Auriferous quartz-carbonate veins occur in the mineralized zone along with a wide ankerite alternation zone. The mineralization itself is finely disseminated pyrite and arsenopyrite filling the folded and boudinaged quartz-carbonate veins and within the sheared meta-basalt host rock.

The following is taken from Thompson (2006).

The Brookbank property is underlain predominantly by east-west trending and steeply south to vertically dipping metavolcanic and metasedimentary rocks (Figure 5). Metavolcanic rocks consist of massive and pillowed, locally amygdaloidal, flows of basaltic composition along with related tuffaceous rocks. Pillowed flows exhibit tops to the north. They are locally intercalated with coarser-grained rocks of similar composition that have been interpreted as either intrusions or coarse-grained phases at the centre of thicker basaltic flows. The metavolcanic rocks are locally intruded by quartz-feldspar porphyritic dykes.

Mafic metavolcanic rocks are fault-bounded against domains of metasedimentary rocks. The northern domain consists of polymictic conglomerate with pebble- to boulder- sized, rounded to sub-rounded clasts in a feldspar-quartz-sericite matrix. Clasts consist of volcanic and intrusive rock types of various compositions, quartz pebbles and jasper, the latter suggesting affinity with Timiskaming Formation

conglomerates in the Timmins (Porcupine) Mining District.

Metasedimentary domains south of Windigokan Lake also contain polymictic conglomerate as well as feldspathic and quartzose sandstone and wacke, siltstone, minor argillite and hematitic iron formation.

Felsic to intermediate pyroclastic rocks and flows occur in the north part of the property and are fault-bounded with mafic metavolcanic rocks across the Paint Lake Fault. They consist of tuff breccia, pyroclastic breccia and tuff, and massive to porphyritic rhyolite flows.

Intermediate to mafic intrusions cut the metavolcanic and metasedimentary rocks in the central part of the Brookbank property. They consist of quartz diorite, diorite and gabbro. North-trending, flat-lying, locally porphyritic diabase dykes of Keweenawan age cut the metavolcanic and metasedimentary rocks along the western boundary of the property in Sandra Township and along the western boundary of Irwin Township.

The Brookbank property is transected by an east-west trending zone of extensive heterogeneous brittle and ductile deformation and hydrothermal alteration and is referred to as the “Brookbank Shear Zone”. Deformation is locally more than one kilometer wide and consists of anastomosing bands of intense fissile shearing, quartz veining and fracturing with associated ductile deformation around domains of less deformed metavolcanic and metasedimentary rocks. The deformation can be traced for a minimum of ten kilometres along strike through Irwin Township and remains open in either direction.

4.0 Exploration History

The following summary of exploration activities on the property is adapted from Thompson (2006) and is restricted to those leases and claims covering the Brookbank, Cherbourg and Foxear zones.

- | | |
|-----------|--|
| 1934 | Connell Mining and Exploration Co. Ltd’s program of a total of 17 trenches, plus numerous test pits, exposed a rusty shear zone in mafic flows over a strike length of 396 m. Gold values from samples in this zone were low and erratic, and the results for the diamond drilling are not known. Work was suspended in late 1935. |
| 1944 | Noranda Exploration Company Limited (Noranda) completed detailed mapping, trenching and 1,860 m of X-ray diamond drilling in 40 holes to test the Brookbank Zone. |
| 1950 | Brookbank-Sturgeon Mines Limited (Brookbank-Sturgeon), a predecessor company to Ontex, acquired the claims covering the current property in 1950; however, there is no record of the work performed (if any) by Brookbank-Sturgeon. |
| 1974-1975 | Lynx Canada Explorations Limited (Lynx) completed geological mapping, ground magnetic surveys and diamond drilling over a portion of the property. Lynx carried out surface mapping and a magnetometer survey on the eastward extension of the Noranda showing. In the following year, Lynx completed six drill holes totaling 376 m to test a thin siliceous band along the metavolcanic-metasedimentary contact. |

- 1981 Metalore optioned the property from Brookbank-Sturgeon and completed line-cutting followed by an electromagnetic (EM) survey over the entire grid and a very low frequency electromagnetic (VLF-EM) survey over selected portions of the property. Metalore subsequently drilled 30 holes totaling 3,567 m.
- 1982-1983 Metalore drilled three widely spaced holes totaling 330 m to test the metavolcanic-metasedimentary contact on the Brookbank West property and one 453 m hole on the Foxear property.
- 1984 Metalore completed an additional 62 drill holes totaling 6,946 m, including four wedges. Metalore commissioned a combined helicopter-borne magnetometer, gamma ray spectrometer and VLF survey over its holdings in Sandra, Irwin and Walters townships, including the Brookbank property.
- 1984-1985 Metalore drilled 23 holes, including 14 wedges, on the Brookbank Zone totaling 4,421 m, six holes on the Cherbourg Zone totaling 6,684 m, and 26 holes on the Foxear Zone totaling 2,202 m.
- 1986 Metalore concentrated on the Cherbourg Zone and completed 43 drill holes for a total of 4,368 m. On October 1, 1986, Metalore entered into an exploration and development agreement with Hudson Bay Mining and Smelting Co., Ltd. (Hudson Bay).
- 1987 Hudson Bay drilled 44 holes for a total of 11,203 m on Brookbank and 10 holes for a total of 2,777 m on Foxear. Mineralogical studies and preliminary metallurgical testing was completed on one mineralized sample and approximately 70 drill collars were located and surveyed.
- 1989 From early August to late November of that year, Placer completed a program consisting of power stripping/trenching, detailed geological mapping, channel sampling, and diamond drilling. Placer exposed an area of about 650m by 15 m and took 215 channel samples totalling 244 linear metres. Detailed mapping was completed at an imperial scale of one inch to ten feet. During 1989, drilling at the Brookbank Zone consisted of 18 holes totalling 7,010 m to test the lateral and down-dip extensions to a vertical depth of 670 m. A Sperry Sun gyro-log system was used to confirm downhole deviations for 13 of the 1989 holes and 15 of the pre-existing holes. Additional Placer drilling at Cherbourg consisted of five holes totalling 1,437 m with a further two holes totalling 984 m drilled at Foxear.
- 1993-1994 Metalore completed four holes totalling 533 m on the Brookbank Zone, fifteen holes totalling 2,107 m at Cherbourg and seven holes (including one wedge) totalling 3,323 m at Foxear. In 1994, reviews of the data by both Micon International Ltd. and J.R. Trussler & Associates, on behalf of Metalore, were positive and additional work was recommended by both companies.
- 1999 Ontex drilled 35 diamond drill holes for a total of 11,299 m, of which 17 holes

(including one wedge) totalling 4,730 m were drilled on the Brookbank Zone, 15 holes (including three wedges) totalling 5,724 m on the Cherbourg Zone, and three holes totaling 795 m on the Foxear Zone.

- 2000 Ontex drilled 58 holes for a total of 19,929 m of which 33 holes totaling 10,607 m were drilled on the Brookbank Zone (including eight wedges) and 25 holes totaling 9,322 m on the Foxear Zone. In the spring of 2000, Ontex undertook a GPS survey to accurately locate all drill hole collars and compiled all available diamond drill hole data in a single database.

- 2001 Ontex drilled nine holes (2,523 m) in the Cherbourg Zone and a further 12 holes in the Foxear Zone (4,530 m).

- 2002 Ontex drilled 28 holes for a total of 3,890 m in areas outside of the Brookbank, Cherbourg and Foxear Zones.

- 2006 Ontex drilled 14 holes for a total of 3,000 m.

- 2007 7 holes were drilled for a total of 1,208 m.

- 2008 Ontex drilled 18 holes on the Brookbank Zone (5,703 m in total) and nine holes on the Cherbourg deposit (3,823 m in total). No drilling was performed on Foxear. Six holes on Brookbank West were abandoned after less than 55 m was drilled although all six holes were restarted in a slightly different location. This drill metreage (193 m) is included in the Brookbank total. Major Drilling Group International, based in Moncton, New Brunswick (Major Drilling), drilled the first few holes of the 2008 campaign, while the balance was drilled by Chibougamau Diamond Drilling, based in Chibougamau, Quebec.

- 2009 48 hole drill program was completed on the property for Goldstone Resources Inc. A total of 19,633 metres were drilled and 1878 samples were taken. The program targeted the main Brookbank Deposit; a target in the volcanics located a few hundred metres to the east of the Brookbank, as well as the Brookbank East Showing (BBE). Results of the drill program were encouraging and warrant further drilling.

- 2012-2013 2 hole drill program was completed on the Brookbank project by Premier Gold Mines, totaling 1,393 metres. These holes were designed to target IP anomalies near the known gold deposit at Brookbank.

- 2016 Extensive soil sampling and field prospecting program completed by Greenstone Gold Mines on the Brookbank property. Subsequent 14 diamond drill holes completed on the Brookbank property by Greenstone Gold Mines, totaling 6377 metres.

5.0 Prospecting Overview

An extensive field prospecting campaign was carried out by GGM between July 13th and September 2nd, 2020. Over the course of the 53 days, prospecting was complete on 21 days targeting historic mineral showings and prospects within the greater Brookbank property. Areas of interest included the Brookbank Central, Foxear East, Bearskin and Powerline Showings, all East of the main Brookbank deposit (see Figure 6 and Figure 7). All maps are projected in coordinate system NAD 1983, Zone 16 North.

GGM exploration personnel covered an extensive amount of land mainly via walking due to the dense tree coverage in the Brookbank area. Off terrain vehicles, such as an ATV and UTV were used as well. The geologists designated areas of interest based on available geologic data and performed traverses perpendicular to geologic features. When outcrop was available, samples were collected and brief field notes were taken. An overview of all sample information and field notes is included in Appendix C. All GPS coordinates are in NAD 1983, Zone 16 North.

A total of 75 samples were collected and tested for Au by fire assay and trace elements using ICP (aqua regia partial digestion). Detailed location maps and Au plan maps are included in Appendix B. Sample location coordinates and descriptions are included in Appendix C. Assay certificates are included in Appendix D.

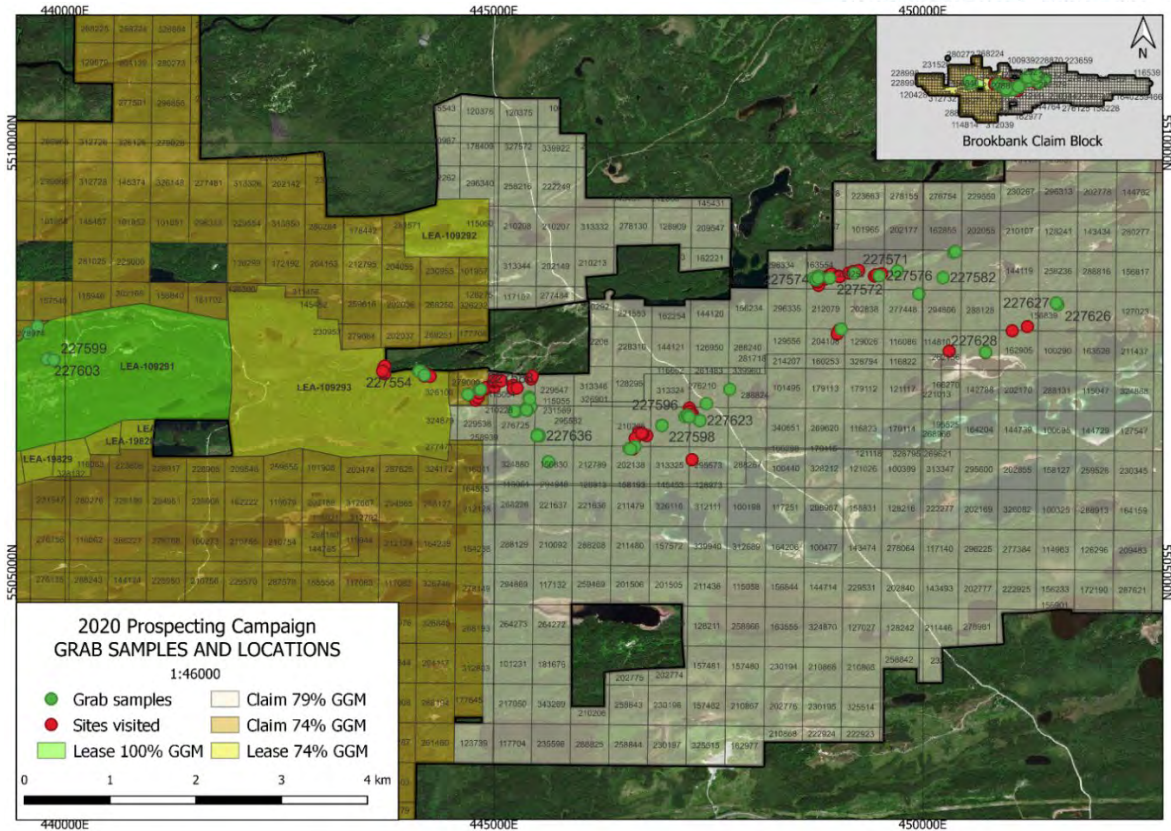


Figure 5: Site map – grab samples and locations, Brookbank property.

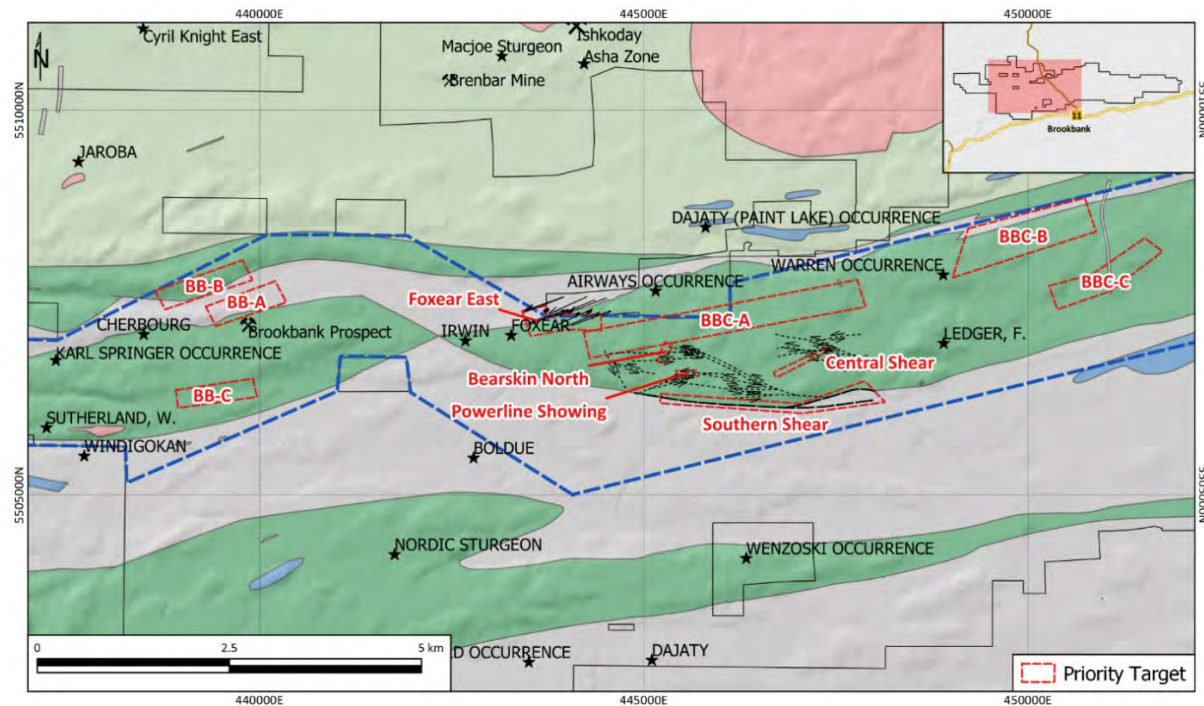


Figure 6: Areas of interest prospecting 2020, Brookbank property.

Table 2: Prospecting at Brookbank property

Tenure ID	Provincial Grid Cell Number	Number of Samples	Number of Stations
114810	42E12J150		1
115054	42E12K179	3	9
156822	42E12J184	1	4
156830	42E12K220	1	
156839	42E12J133	2	
162905	42E12J152		1
163554	42E12J107	5	12
164177	42E12J132		1
202138	42E12J202	4	1
204108	42E12J147	1	2
210205	42E12J182		5
230252	42E12J108	2	7
230257	42E12K147	1	
257516	42E12J110	5	
276210	42E12J164	1	
276725	42E12K199	9	3
276758	42E12J109	1	
277448	42E12J129	2	
278974	42E12K146	1	
279000	42E12K178	3	7
287579	42E12J151	1	
288824	42E12J165	1	
288840	42E12K178		4
295573	42E12J204		1
295582	42E12K200	8	
324866	42E12J183	13	2
LEA-109291	42E12K205, 42E12K206, 42E12K207, 42E12K185, 42E12K186, 42E12K187, 42E12K188, 42E12K189, 42E12K190, 42E12K191, 42E12K192, 42E12K165, 42E12K166, 42E12K167, 42E12K168, 42E12K169, 42E12K170, 42E12K171, 42E12K172, 42E12K145, 42E12K146, 42E12K147, 42E12K148, 42E12K149, 42E12K150, 42E12K151, 42E12K152, 42E12K127, 42E12K128, 42E12K129, 42E12K130, 42E12K131, 42E12K132	4	
LEA-109293	42E12K212, 42E12K213, 42E12K214, 42E12K215, 42E12K216, 42E12K217, 42E12K192, 42E12K193, 42E12K194, 42E12K195, 42E12K196, 42E12K197, 42E12K172, 42E12K173, 42E12K174, 42E12K175, 42E12K176, 42E12K177, 42E12K152, 42E12K153, 42E12K154, 42E12K155, 42E12K156, 42E12K132, 42E12K133, 42E12K134	6	10
		75	70

5.1 Sample Preparation and Analysis

Geologists and technicians designated areas of interest in the greater Brookbank region and transected perpendicular to geologic features. Location, general field notes and features were recorded for 148 sites. Of the 148 sites, 75 samples were collected using rock hammers and chisels and placed into sample bags. QA/QC samples were inserted into the sampling stream every 10 samples (sample count of 75 does not include QC samples).

A Fire Assay Fusion with an Atomic Absorption finish method (Code: 1A2-50) was chosen for the gold assay. For samples that had a gold value that exceeded the upper limit (5000 ppb), reanalysis by Fire Assay-Gravimetric (code: 1A3) was done. Trace elements were also analyzed using aqua regia partial digestion (code: 1-E3). Refer to Appendix D for the assay certificates.

For the grab samples collected, the following information was recorded (see Appendix C for field notes):

- Project
- Sample ID
- Sample Type
- UTM Coordinates
- Prospector
- Date
- Sample Description

6.0 Discussion of Results and Recommendations

The 2020 Brookbank prospecting campaign targeted several areas of interest outside of the Brookbank camp that were not previously of focus. A total of 75 grab samples were sent for analysis, some of which returned anomalous values of gold. The highest gold value reported was 20.6 gpt and was retrieved from a historic trench in the Bearskin North area. This is denoted in Figure 7 by block “BBC-A”. In that same area, additional anomalous samples of 4.0 gpt Au and 3.17 gpt Au were also retrieved from the historic trench. A previously unidentified shear zone was uncovered 200m east of the Bearskin North trench and yielded a grab sample Au grade of 0.85 gpt. Should more exploration be conducted in the Brookbank Central region, it is recommended that this shear zone be trenched and extended along trend. The anticipated cost for the proposed work is \$30,000.

To the South, the historic Powerline Showing was uncovered near the end of the field campaign. An anomalous gold value of 0.45 gpt Au was returned, and historic grab samples yielded results of 1.24 gpt Au. The Powerline shear zone is similar to the Bearskin North showing, and additional trenching is recommended along strike of the shear zone.

7.0 References

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- Thompson, J.P. (2006) Technical Report Brookbank Gold Deposit, Beardmore-Geraldton Area, Northern Ontario. A report prepared for Ontex Resources Limited, April 28, 2006.
- Williams, H.R. (1991) Quetico Subprovince *in* *Geology of Ontario*, Ontario Geological Survey, Special Volume 4, Part 1, pp. 383-403.

Darren Leduchowski
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P7G 1X3

I, **Darren Leduchowski**, do hereby certify that:

1. I am employed as a project geologist (G.I.T.) with Greenstone Gold Mines GP Inc., a 60-40 joint venture of Equinox Gold and Orion Mine Finance.
2. I am registered as a Geologist in Training in good standing with the Professional Geoscientists of Ontario (PGO). My member number is 10355.
3. I hold an Honours Bachelor of Science from Western University (2015).
4. I have approximately 6 years of exploration experience as a Geologist in Training in Ontario.
5. I personally conducted activities on the Hardrock property from July 13th, 2020 to September 2nd, 2020.



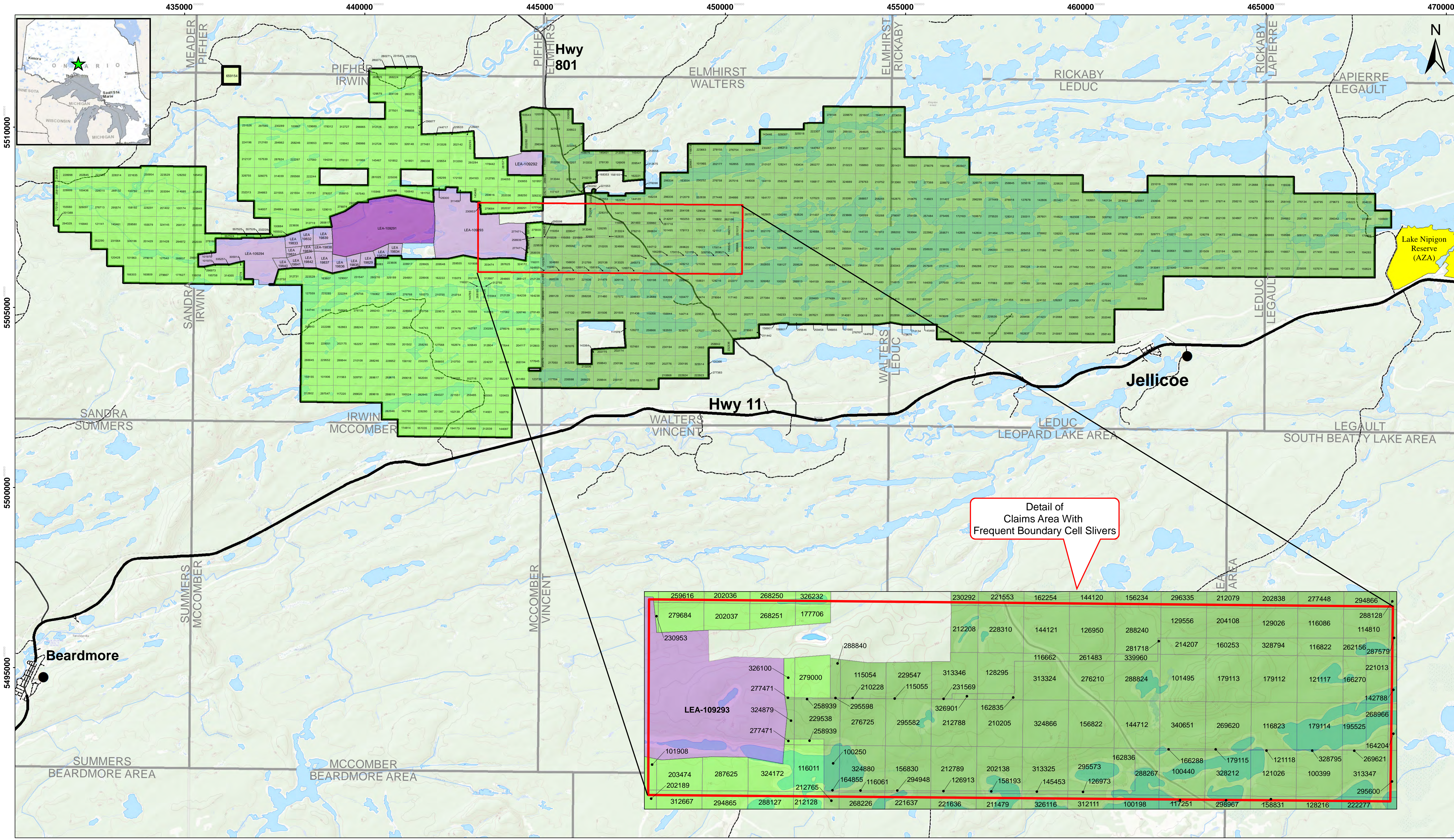
Darren Leduchowski
June 29th, 2022

Appendices

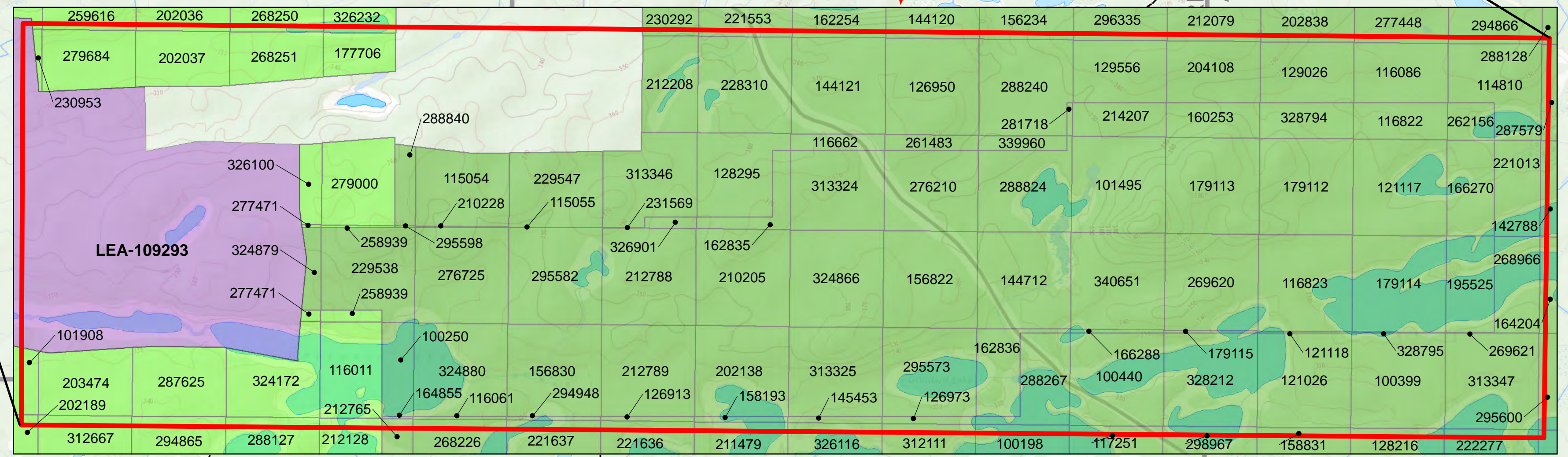
Appendix A

Tenure Map

Greenstone Gold Mines - Brookbank Property

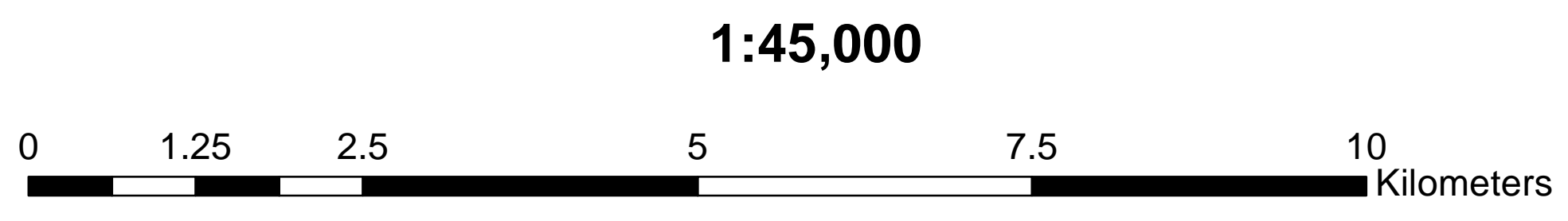


Detail of Claims Area With Frequent Boundary Cell Slivers



Legend

- Brookbank Claims**
 - (79) Greenstone Gold Mines GP Inc., (21) Metalore Resources Ltd.
 - (74) Greenstone Gold Mines GP Inc., (26) Metalore Resources Ltd.
 - (100) Greenstone Gold Mines GP Inc.
- Brookbank Leases**
 - (100) Greenstone Gold Mines GP Inc.
 - (74) Greenstone Gold Mines GP Inc., (26) Metalore Resources Ltd.
 - MENDM_Administrative_Boundaries
- Other Attributes**
 - First Nations Communities
 - Highway 11
 - Roads
 - Secondary Roads
 - Waterbodies
 - Watercourse

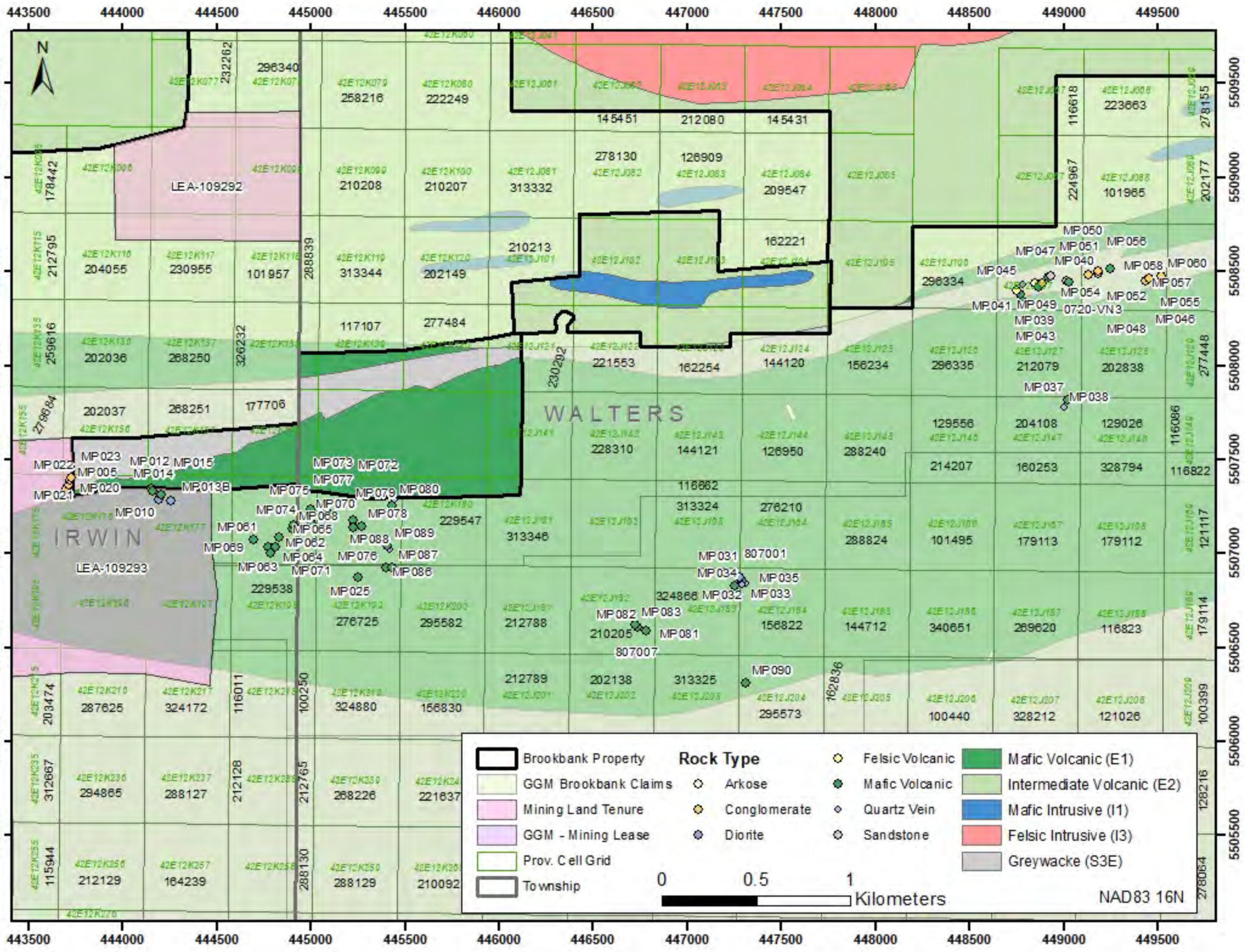


Reference data from Land Information Ontario and Ministry of Energy Northern Development and Mines.

Projection: NAD83 UTM Zone 16N

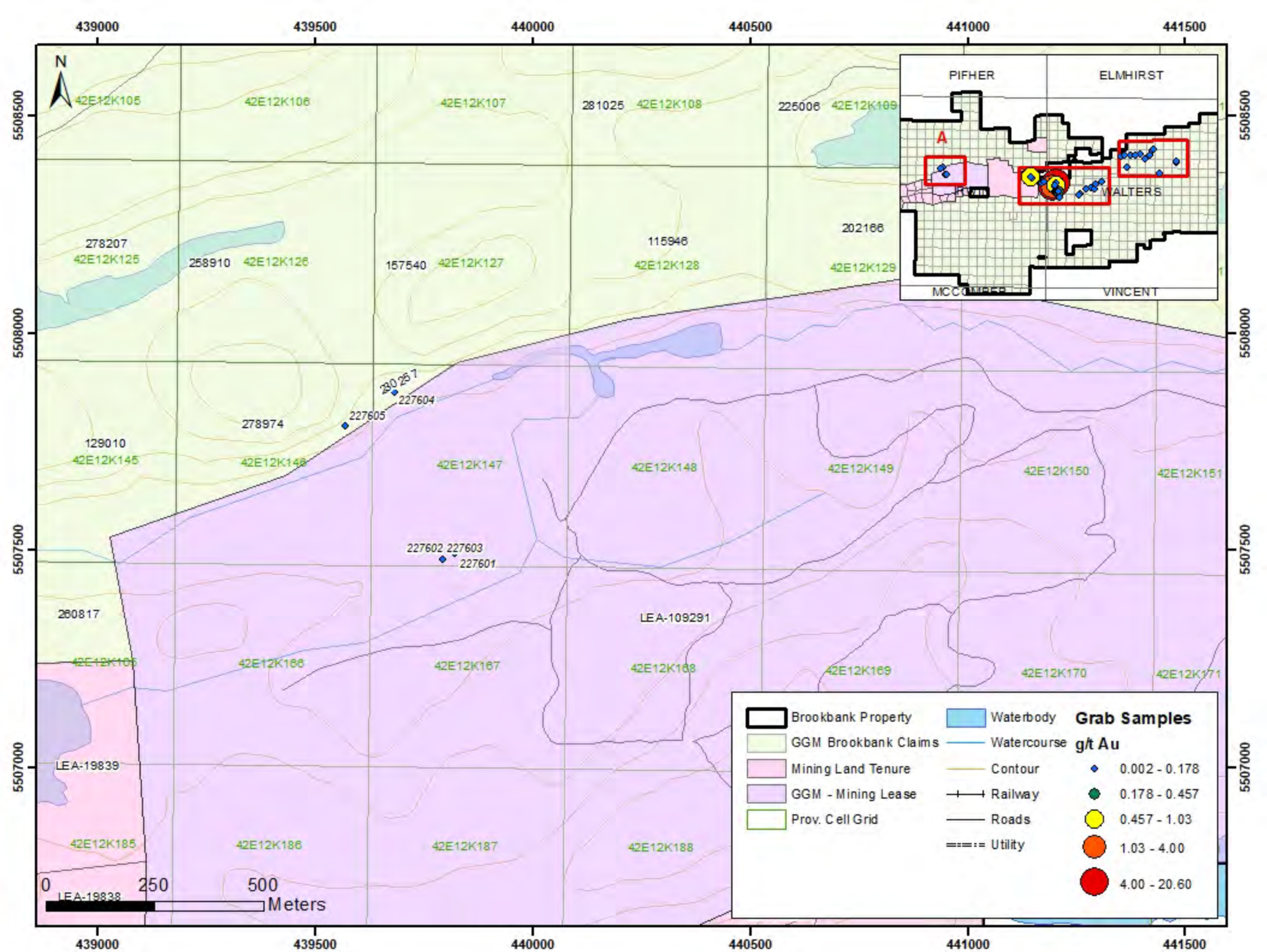
Map by Thomson Environmental
Nov. 1, 2021

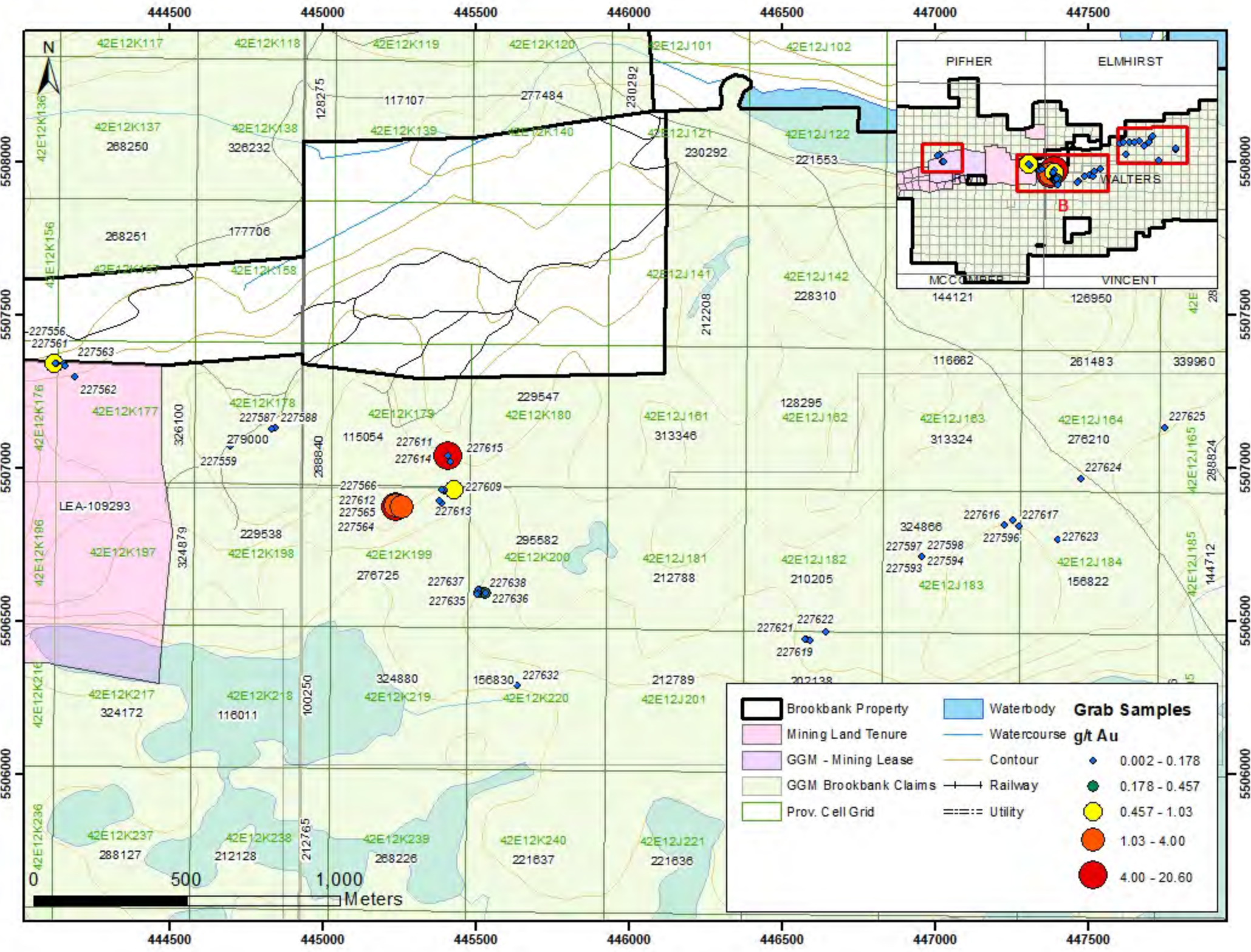
Appendix B
Location Maps



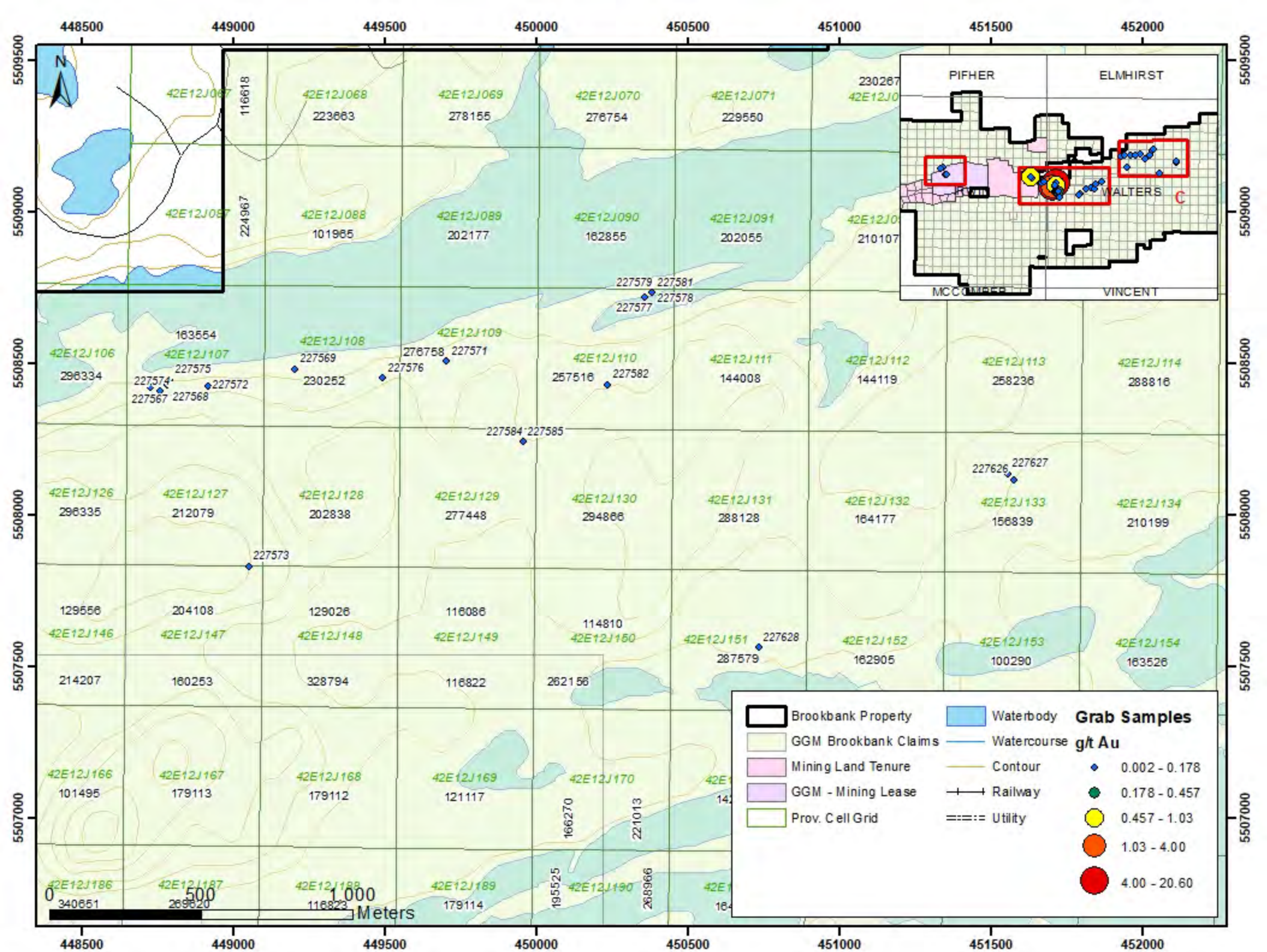
Brookbank Property	Rock Type	Felsic Volcanic	Mafic Volcanic (E1)
GGM Brookbank Claims	Arkose	Mafic Volcanic	Intermediate Volcanic (E2)
Mining Land Tenure	Conglomerate	Quartz Vein	Mafic Intrusive (I1)
GGM - Mining Lease	Diorite	Sandstone	Felsic Intrusive (I3)
Prov. Cell Grid			Greywacke (S3E)
Township			

NAD83 16N





Brookbank Property	Waterbody	Grab Samples
Mining Land Tenure	Watercourse	
GGM - Mining Lease	Contour	0.002 - 0.178
GGM Brookbank Claims	Railway	0.178 - 0.457
Prov. Cell Grid	Utility	0.457 - 1.03
		1.03 - 4.00
		4.00 - 20.60



Appendix C
Field Notes

SampleID	Sample_Type	NAT_North	NAT_East	NAT_RL	Sampled_By	Sampled_Date	Sample_Description	Comments	Au_Batch_No	Au_Final_ppm
227611	Grab	5507040	445410	366.49	D. Leduchowski	7/24/2020 0:00:00	0724-VN1	White qz-carb vein trending 280	A20-09567	18
227565	TRENCH	5506873	445239	349	M. Pitts	7/18/2020 0:00:00	MP027	Pod of sulphides rich sheared volcanic + qtz 5 m east of MP026. Up to 20% sulphides (Py + Cpy + Gn). Appears to represent 50-70 cm pod within shear.	A20-09567	20.6
227596	Grab	5506814	447227	359	D. Leduchowski	7/21/2020 0:00:00	0721-VN1-1	Cpy, green copper oxidation and Galena in vein. Ran high Cu values.	A20-09567	0.0025
227566	TRENCH	5506876	445239	348	M. Pitts	7/18/2020 0:00:00	MP028	Another small quartz pod near west end of trench. Vein ~10 cm wide at this point. 50 cm long.	A20-09567	4
227634	Grab	5506588	445531	345	D. Leduchowski	9/2/2020 0:00:00		10cm, 260 trending, sheared quartz vein with well mineralized siliceous mafic wall rock. 5% coarse PY sct/dis in alt'n margins.	A20-10770	0.289
227555	Grab	5507340.7	444123.8		C. Green	7/17/2020 0:00:00	CG-003		A20-09567	1.03
227631	Grab	5506593	445514	348	D. Leduchowski	8/28/2020 0:00:00		Dark grey quartz vein. 5% PY locally, well aligned along foliation.	A20-10770	0.358
227564	TRENCH	5506873	445260	348	M. Pitts	7/18/2020 0:00:00	MP026	Small pod of quartz within shear zone. Sulphide rich, white qtz. 5-7% cubic py	A20-09567	3.17
227618	Grab	5506464.7	446654.2	345.62	C. Green	8/7/2020 0:00:00	807006	Semi-Massive sulphide section hosted in mafic volcanic. Irregular sulphide veinlets stringers though sections of the rock. 90% pyrite sampled.	A20-09567	0.006
227635	Grab	5506588	445531	345	D. Leduchowski	9/2/2020 0:00:00		10cm, 260 trending, sheared quartz vein with well mineralized siliceous mafic wall rock. 5% coarse PY sct/dis in alt'n margins.	A20-10770	0.142
227625	Grab	5507130.3	447751.3	343.87	C. Green	8/10/2020 0:00:00	810003	Qtz vein unsure of orientation due to poor exposure. Chalcopyrite as blebs 1%. Vuggy. Galena or hematite at 1-5%.	A20-09567	0.0025
227632	Grab	5506287	445636	336	D. Leduchowski	8/28/2020 0:00:00		Sheared basalt. Very fine grained and siliceous, loaded with sulphides.	A20-10770	0.01
227609	Grab	5506928	445431	349	D. Leduchowski	7/24/2020 0:00:00	0724-SHR1-3	Small offsetting veins in sheared mafic. 7% py + 1% AS needles.	A20-09567	0.849
227636	Grab	5506588	445539	345	D. Leduchowski	9/2/2020 0:00:00		30 cm wide contorted grey-white quartz vein with 3% PY in vein and at margins with mafic wall rock.	A20-10770	0.457
227614	Grab	5507019	445438	367.95	M. Pitts	7/24/2020 0:00:00	0724-VN2	Minor sheared quartz vein (relatively barren) with highly altered, well mineralized wallrock selvages. Strong diss. Sulphides intervene wedge of wallrock. Vein very flat dipping, trends 320/40. Appears to be in place.	A20-09567	0.026
227556	Grab	5507341.2	444131.7		C. Green	7/17/2020 0:00:00	CG-004		A20-09567	0.178
227595	Grab	5506828	447256	360	D. Leduchowski	7/21/2020 0:00:00	0721-VN2	Well mineralized white-grey qz-carb vein. 15-20cm thick with blebby cpy and 0.5% vfg scattered py. Grey-purple qz stringers crosscutting vein.	A20-09567	0.144
227607	Grab	5506924	445399	349	D. Leduchowski	7/24/2020 0:00:00	0724-SHR1-1	Mafic host with qz-carb veining and trace PY sct around veins	A20-09567	0.009
227637	Grab	5506591	445507	345	D. Leduchowski	9/2/2020 0:00:00		260 trending, grey-white quartz vein with minor siliceous mafic wall rock. 0.5% white sct PY.	A20-10770	0.098
227629	Grab	5506601	445508	343	D. Leduchowski	8/28/2020 0:00:00		Dark grey quartz float. 5% PY locally, well aligned along foliation.	A20-10770	0.098
227615	Grab	5507040	445410	366.49	M. Pitts	7/24/2020 0:00:00	0724-SHR2	Minor shearing along 10 cm wide quartz vein with good wallrock mineralization. Up to 7% fine dis. Py+cpy+gn? in F.g. mafic volcanics.	A20-09567	0.007
227554	Grab	5507341.6	444125.3		C. Green	7/17/2020 0:00:00	CG-002		A20-09567	0.012
227622	Grab	5506440	446578.4	348.37	C. Green	8/7/2020 0:00:00	807010	Vein boulder from nearby vein showing increased chalcopyrite 2% and copper oxide along fracture surfaces	A20-09567	0.0025
227562	Grab	5507296	444191	346	M. Pitts	7/18/2020 0:00:00	MP013	Wall rock along western edge of depression that aligns with vein exposed to north. Mildly contorted, 220' trending mafic volcanic. Mildly sheared. Minor dis. Silvery Py (or Aspy?)	A20-09567	0.056
227586	Grab	5506828	447256	360	D. Leduchowski	7/21/2020 0:00:00	0721-VN2	Well mineralized white-grey qz-carb vein. 15-20cm thick with blebby cpy and 0.5% vfg scattered py. Grey-purple qz stringers crosscutting vein.	A20-09567	0.0025
227593	Grab	5506709	444660	353	D. Leduchowski	7/22/2020 0:00:00	0722-SHR1-4	Southern extension of vein/shear. 1% PY (mostly m-cg). Veining with mafic host.	A20-09567	0.006
227588	Grab	5507129	444846	360	M. Pitts	7/21/2020 0:00:00	MP067	Continuation of shear 20-25 m east of MP066. More siliceous, rosy qtz flooding w 3-5% Py along siliceous bands. Mildly sheared/altered wall rock.	A20-09567	0.024
227613	Grab	5506890	445381	350	D. Leduchowski	7/24/2020 0:00:00	0724-VN1-WR	Mafic wall rock with cubic mg PY	A20-09567	0.009
227612	Grab	5506885	445390	350	D. Leduchowski	7/24/2020 0:00:00	0724-VN1-1	White qz-carb vein trending 280	A20-09567	0.035
227621	Grab	5506438.8	446580.4	347.4	C. Green	8/7/2020 0:00:00	807009	Similar pot-ser-il altered sheared rock with increased sulphides 3% diss. Taken from boulder likely scraped off bedrock from road building	A20-09567	0.01
227619	Grab	5506434.6	446592.1	347.28	C. Green	8/7/2020 0:00:00	807008	Silicified potassic sericitized mafic volcanic with irregular qtz fe-carb vein fragments. 5% pyrite 2% specularite. Taken from boulder with only less altered shear still exposed in roadside.	A20-09567	0.008
227624	Grab	5506964	447478.5	346.2	C. Green	8/10/2020 0:00:00	810002	Slight increase in shear at 245 in vfg mafic volcanic 0.5% pyrite disseminated. Crosscutting veins 1-2cm qtz carb at 340	A20-09567	0.0025
227597	Grab	5506708	446690	353	D. Leduchowski	7/21/2020 0:00:00	0721-SHR2	Well altered and mineralized sheared sandstone, similar appearance to BB zone. Sct-dis PY around qz margins. Fe-carb, Hem, sericite, silica alt.	A20-09567	0.01
227598	Grab	5506709	446660	353	D. Leduchowski	7/22/2020 0:00:00	0722-SHR1-6	Siliceous sheared mafic volcanic. Trc to 0.5% py.	A20-09567	0.0025
227561	Grab	5507331	444160	341	M. Pitts	7/18/2020 0:00:00	MP011	Near south end of exposed vein. Location of historic channel sample. 30 cm wide grey-white qtz trending 135'. Dominant cross cutting shearing at 260 deg	A20-09567	0.04
227563	Grab	5507340	444155	353	M. Pitts	7/18/2020 0:00:00	MP016	Grab sample from thickest portion of exposed qtz vein. Near rusty shear zone. Minor altered, sericitized wall rock.	A20-09567	0.049
227567	Grab	5508421	448725	344	D. Leduchowski	7/20/2020 0:00:00	0720-VN1	1cm thick, rusty white-grey qz-carb vein with trace PY.	A20-09567	0.033
227569	Grab	5508481	449203	332	D. Leduchowski	7/20/2020 0:00:00	0720-SHR1	Sheared sandstone? str. Fe-carb (fresh); looks to be at contact with cong. + mv; trend 200-210'	A20-09567	0.006
227571	Grab	5508507	449703	335	D. Leduchowski	7/20/2020 0:00:00	0720-SHR2	V. strong str in conglomerates near Paint Lake	A20-09567	0.018
227573	Grab	5507830	449049	364	M. Pitts	7/20/2020 0:00:00	MP036	Small exposure of mafic volcanic w 2-3% silvery Py. Minor Chl alteration, but no notable shearing.	A20-09567	0.0025
227574	Grab	5508407	448755	340	M. Pitts	7/20/2020 0:00:00	MP042	Thin qtz vein along same shear as in MP041. Smoky grey, 2-3 cm thick w minor-moderate (1-2%) sulphides (Py+Cpy). Trends 210-220 deg, subvertical. Mafic wall rock well sheared, fissile, rusty. Vein imbricates throughout.	A20-09567	0.005
227623	Grab	5506765.6	447402.8	354.98	C. Green	8/10/2020 0:00:00	810001	Rusty bleached strongly carb altered with trace pyrite. Strong 2cm rind of oxidized weathering similar in alteration to red carb dike on road. Seemingly intermediate to mafic volcanic rock	A20-09567	0.0025
227594	Grab	5506709	446690	353	D. Leduchowski	7/22/2020 0:00:00	0722-SHR1-5	Siliceous sheared mafic volcanic. Barren to trace py.	A20-09567	0.0025
227626	Grab	5508115.7	451575.4		C. Green	8/12/2020 0:00:00	812001	Sericitized mafic volcanic with trace fg py	A20-09567	0.0025
227627	Grab	5508134.6	451556.1		C. Green	8/12/2020 0:00:00	812002	Pegmatitic porphyry float? Similar to one found at BBC-B. Well minz fg PY	A20-09567	0.0025
227628	Grab	5507561.4	450733.2		C. Green	8/13/2020 0:00:00	813005	Carb bleached maybe service in intermediate volcanic? 1% vfg dish pyrite. Orange carb vein irregular locally with mg pyrite blebs. Thick weather carb rind	A20-09567	0.0025
227608	Float	5506927	445390	353	D. Leduchowski	7/24/2020 0:00:00	0724-SHR1-2	Sheared mafic float with purple grey qz veining. Altered trace PY.	A20-09567	0.0025
227633	Grab	5506589	445531	346	D. Leduchowski	9/2/2020 0:00:00		Sheared basalt. Very fine grained and siliceous. Trace PY.	A20-10770	0.0025
227575	Grab	5508446	448789	336	M. Pitts	7/20/2020 0:00:00	MP044	Conglomerate. Well sheared, elongate volcanic + felsic clasts. No notable sulphides but occasional rusty selvages along foliation.	A20-09567	0.066
227576	Grab	5508451	449493	336	M. Pitts	7/20/2020 0:00:00	MP059	Minor qtz vein in south face of 3' high 240' trending ridge. Hosted in conglomerate. Moderately sheared.	A20-09567	0.0025
227577	Grab	5508720	450359	333	D. Leduchowski	7/21/2020 0:00:00	0721-VN1	50cm wide rusty qz-carb vein in conglomerate	A20-09567	0.0025
227559	Grab	5507070	444697	350	M. Pitts	7/17/2020 0:00:00	MP009	Subcrop of multi-episodic quartz/chlorite vein. White quartz + mineralized grey quartz, separated by band of dark green chlorite? Or tourmaline.	A20-09567	0.0025
227581	Grab	5508733	450382	324	D. Leduchowski	7/21/2020 0:00:00	0721-VN1-3	Same as 0721-VN1. Cu staining.	A20-09567	0.0025
227582	Grab	5508430	450236	338	D. Leduchowski	7/21/2020 0:00:00	0721-SHR1	Sheared ser alt'd conglomerate. Stretched 2cm clasts.	A20-09567	0.0025
227568	Grab	5508427	448781	341	D. Leduchowski	7/20/2020 0:00:00	0720-VN2	1cm thick, rusty white-grey qz-carb vein with trace PY.	A20-09567	0.007
227584	Float	5508240	449955	339	D. Leduchowski	7/21/2020 0:00:00	0721-PORPH1	Pegmatitic? Porphyry float. 1cm stockwork veins throughout with trace PY. Altered Fe-Crb ring around porph.	A20-09567	0.0025
227585	Float	5508240	449955	339	D. Leduchowski	7/21/2020 0:00:00	0721-PORPH1-WR	Altered siliceous volcanic float around porphyry.	A20-09567	0.0025
227587	Grab	5507126	444834	363	M. Pitts	7/21/2020 0:00:00	MP066	Minor shear zone within mafic volcanic. Fissile mafic interbedded with more massive (20-30 cm) mafic unit. Minor sulphides. Py 2-3% dis. On fracture faces.	A20-09567	0.0025
227572	Grab	5508425	448915	343	D. Leduchowski	7/20/2020 0:00:00	0720-4	Sheared conglomerate	A20-09567	0.0025
227589	Grab	5506710	446960	353	D. Leduchowski	7/22/2020 0:00:00	0722-SHR1-1	Altered and sheared mafic volcanic wallrock north 1m of 0721-SHR2. V. str fol and shear with trace sct-dis PY and specularite(?)	A20-09567	0.0025
227591	Grab	5506710	446958	353	D. Leduchowski	7/22/2020 0:00:00	0722-SHR1-2	Taken from main part of alteration/shear zone	A20-09567	0.0025
227592	Grab	5506710	446960	353	D. Leduchowski	7/22/2020 0:00:00	0722-SHR1-3	Same as above with inc. PY and specularite.	A20-09567	0.0025
227583	Grab	5506708	446960	353	D. Leduchowski	7/21/2020 0:00:00	0721-SHR2		A20-09567	0.009
227601	Float	5507492	439821	334	D. Leduchowski	7/23/2020 0:00:00	0723-SHR1-1	Dug up altered conglomerate float, likely from bedrock nearby	A20-09567	0.0025
227602	Grab	5507479	439792	326	D. Leduchowski	7/23/2020 0:00:00	0723-SHR1-2	Extension of sheared conglomerate in footwall	A20-09567	0.021
227603	Grab	5507479	439792	326	D. Leduchowski	7/23/2020 0:00:00	0723-VN1	Conglomerate offset by bull white qz-carb vein (barren)	A20-09567	0.005
227578	Grab	5508733	450382	324	D. Leduchowski	7/21/2020 0:00:00	0721-VN1-2	Same as 0721-VN1 but 5m East. Pinch and swells, varying from 5-50cm thick.	A20-09567	0.0025
227605	Grab	5507785	439568	329	D. Leduchowski	7/23/2020 0:00:00	0723-CONG2	Same as 0723-CONG1 with unmineralized 1cm qz-carb stringers	A20-09567	0.0025
227606	Grab	5506927	445399	349	D. Leduchowski	7/24/2020 0:00:00	0724-SHR1	Moderately sheared mafic volcanics with weak py minz	A20-09567	0.0025
227579	Grab	5508733	450382	324	D. Leduchowski	7/21/2020 0:00:00	0721-VN1-2WR	Conglomerate wallrock proximal to 50cm rusty qz-carb vein	A20-09567	0.0025
227599	Grab	5507471	439870	317	D. Leduchowski	7/23/2020 0:00:00	0723-SHR1	Sheared footwall conglomerate.	A20-09567	0.0025
227616	Grab	5506809.3	447277.3		C. Green	8/7/2020 0:00:00	807002	sheared mafic volcanic at 270 vertical. Mostly chlorite and carbonate alteration with trace pyrite and specularite along fracture/fol planes	A20-09567	0.006
227617	Grab	5506809.6	447276.5		C. Green	8/7/2020 0:00:00	807003	Silicified potassic mafic volcanic with increased sericite and foliation planes. 5% fine grained pyrite locally concentrated along foliation planes. Specularite 5% along fracture/fol planes	A20-09567	0.017
227604	Grab	5507863	439681	338	D. Leduchowski	7/23/2020 0:00:00	0723-CONG1	Fine grained beds in conglomerate. Weakly ser and ksp altered.	A20-09567	0.0025
227638	Grab	5506587	445503	340	D. Leduchowski	9/2/2020 0:00:00		Quartz vein - less sheared, altered, and mineralized than above.	A20-10770	0.008

Site_ID	Site_Type	NAT_North	NAT_East	NAT_RL	NAT_Survey_By	NAT_Survey_Date	SiteDescription	Site_Comments
807001	Outcrop	5506910.8	447279.34	361.8	C Green	8/7/2020 0:00:00	807001	Collected as part of 2020 prospecting campaign
807004	Outcrop	5506629.46	446688.69		C Green	8/7/2020 0:00:00	807004	Collected as part of 2020 prospecting campaign
807005	Outcrop	5506554.24	446646.97		C Green	8/7/2020 0:00:00	807005	Collected as part of 2020 prospecting campaign
807007	Outcrop	5506433.92	446617.72	348	C Green	8/7/2020 0:00:00	807007	Collected as part of 2020 prospecting campaign
812001	Grab				D. Leduchowski	8/12/2020 0:00:00	0812-001	Collected as part of 2020 prospecting campaign
812002	Grab				D. Leduchowski	8/12/2020 0:00:00	0812-002	Collected as part of 2020 prospecting campaign
813001	Outcrop	5507859.57	451220.23		C Green	8/13/2020 0:00:00	813001	Collected as part of 2020 prospecting campaign
813002	Outcrop	5507810.9	451043.26		C Green	8/13/2020 0:00:00	813002	Collected as part of 2020 prospecting campaign
813004	Outcrop	5507556.85	450731.77		C Green	8/13/2020 0:00:00	813004	Collected as part of 2020 prospecting campaign
813007	Outcrop	5507573.49	450308.23		C Green	8/13/2020 0:00:00	813007	Collected as part of 2020 prospecting campaign
0720-VN3	Outcrop	5508441	448899	337	D. Leduchowski	7/20/2020 0:00:00	0720-VN3	Collected as part of 2020 prospecting campaign
MP005	Outcrop	5507342	443703	326	M. Pitts	7/17/2020 0:00:00	MP005	Polymictic conglomerate. Lg elongate granite + chrt clasts. Granite is mildly strained, up to 20 cm. Chert more elongate. Mg groundmass. Minor shearing on northern boundary of outcrop.
MP010	Outcrop	5507341	444153	345	M. Pitts	7/18/2020 0:00:00	MP010	Quartz vein. Trends 140° S-SE, cross cutting notable mafic hosted shear zone (250/70). Sheared mafic contain minor sulphides + malachite at surface. Vein pinches and swells from 2-40 cm over continuous 50+ m exposure.
MP012	Outcrop	5507328	444164	343	M. Pitts	7/18/2020 0:00:00	MP012	Moderate-strongly sheared mafic over ~1 m. Very fissile. No sulphides noted.
MP013B	Outcrop	5507285	444191	346	M. Pitts	7/18/2020 0:00:00	MP013B	10 m south of MP013. Sudden transition to unaltered mafic intrusive (or massive diorite?). Moderately magnetic. Appears to make up bulk of 260 degree trending ridge.
MP014	Outcrop	5507313	444204	346	M. Pitts	7/18/2020 0:00:00	MP014	Mildly sheared mafic volcanic on east side of depression that follows vein. Moderate-strongly contorted.
MP015	Outcrop	5507282	444257	351	M. Pitts	7/18/2020 0:00:00	MP015	Magnetic f.g. diorite. Mild chlorite alteration, but relatively fresh looking.
MP020	Outcrop	5507366	443716	333	M. Pitts	7/18/2020 0:00:00	MP020	Unseamed, massive conglomerate.
MP021	Outcrop	5507386	443719	332	M. Pitts	7/18/2020 0:00:00	MP021	Moderate-strongly sheared conglomerate. Stretched granite clasts. 2 notable shearing directions. Main shear at 250 deg, with crosscutting crenulation cleavage at 358.
MP022	Outcrop	5507399	443728	332	M. Pitts	7/18/2020 0:00:00	MP022	Highly strained/sheared conglomerate. Two stage deformation evident (255° & 358 deg). Exposure continues to water filled pit.
MP023	Outcrop	5507312	443727	335	M. Pitts	7/18/2020 0:00:00	MP023	Relatively unaltered mafic volcanic near south extent of flooded trench.
MP025	Trench	5506875	445250	347	M. Pitts	7/18/2020 0:00:00	MP025	Well foliated/sheared mafic volcanic. Very fissile. Trend 270 deg.
MP031	Outcrop	5506843	447315	363	M. Pitts	7/20/2020 0:00:00	MP031	Rusty sugary Qtz (vein?). Very coarse, pegmatitic appearance. Well mineralized/silicified wall rocks. Unit is ~1 m wide.
MP032	Outcrop	5506855	447297	363	M. Pitts	7/20/2020 0:00:00	MP032	Weakly altered (pillowed?) mafic volcanic. 060/75. 2 cm white barren Qtz vein
MP033	Outcrop	5506872	447283	363	M. Pitts	7/20/2020 0:00:00	MP033	Unaltered diorite
MP034	Outcrop	5506836	447296	364	M. Pitts	7/20/2020 0:00:00	MP034	Exposure of quartz vein with very silicified wall rock. Both vein and wall rock are moderately mineralized. Coarse Py in Qtz + finer dis. Py in wall rock. Qtz veining // foliation, 1-2 cm thick.
MP035	Outcrop	5506828	447258	362	M. Pitts	7/20/2020 0:00:00	MP035	Minor shear in mafic (2 cm @ 240°). Crosscuts + offsets 1-3 cm Qtz vein (110° trending). Both appear to be barren.
MP037	Outcrop	5507817	449023	368	M. Pitts	7/20/2020 0:00:00	MP037	Small outcrop of mafic volcanic with well imbricated veining. Qtz + minor carb staining. Trends 240 deg.
MP038	Outcrop	5507775	449003	367	M. Pitts	7/20/2020 0:00:00	MP038	Barren white quartz vein. 20-30 cm wide. Trends 130 deg.
MP039	Outcrop	5508341	448786	351	M. Pitts	7/20/2020 0:00:00	MP039	Mafic volcanic. Fine grained. Weak foliation. Relatively unaltered.
MP040	Outcrop	5508379	448771	350	M. Pitts	7/20/2020 0:00:00	MP040	Mafic rock face. Moderate-heavy shearing. 230 deg, sub vertical. No sulphides. Minor sericite alteration.
MP041	Outcrop	5508395	448753	344	M. Pitts	7/20/2020 0:00:00	MP041	f.g. white/grey felsic/chert? Horizon. Very trace, vfg Py. Goes from massive to very sheared just 2 m down slope to north.
MP043	Outcrop	5508426	448786	338	M. Pitts	7/20/2020 0:00:00	MP043	Qtz vein within rusty shear zone. 30-40 cm slightly elongate "pod" of granite.
MP045	Outcrop	5508437	448853	333	M. Pitts	7/20/2020 0:00:00	MP045	Light grey, mildly sheared arkose/pebble conglomerate. Mildly sheared, abundant 1-3 cm Qtz eyes.
MP046	Outcrop	5508416	448868	333	M. Pitts	7/20/2020 0:00:00	MP046	Foliated/contorted, med grey volcanic. Med grained, mildly foliated. No alteration. Appears to be complexly intertwined/folded with surrounding sediments.
MP047	Outcrop	5508435	448887	330	M. Pitts	7/20/2020 0:00:00	MP047	Mildly sheared conglomerate w strained, mildly rusty groundmass containing lg 30 cm, slightly elongate granite clasts. Small 1' high ridge on bench near southern volcanic. Trends 240 deg.
MP048	Outcrop	5508465	448920	328	M. Pitts	7/20/2020 0:00:00	MP048	Relatively massive/infoliated, fine-medium grained mafic volcanic Small 240° trending ridge.
MP049	Outcrop	5508473	448937	326	M. Pitts	7/20/2020 0:00:00	MP049	Sheared siliceous sandstone. No sulphides.
MP050	Outcrop	5508448	449019	328	M. Pitts	7/20/2020 0:00:00	MP050	Moderately strained conglomerate. Elongate (4:1) granite clasts up to 30 cm long, hosted in moderately sheared matrix. Small mound in center of 230° trending lowland south of mafic ridge.
MP051	Outcrop	5508442	449031	328	M. Pitts	7/20/2020 0:00:00	MP051	Moderately sheared mafic.
MP052	Outcrop	5508483	449137	327	M. Pitts	7/20/2020 0:00:00	MP052	Conglomerate. Fairly unstrained, nearly spherical granite clasts up to 25 cm wide. Trace Py.
MP054	Outcrop	5508487	449186	325	M. Pitts	7/20/2020 0:00:00	MP054	Sheared arkose. Minor Qtz/carb? Alteration. Brownish tan. 240 deg, subvertical. No sulphides.
MP055	Outcrop	5508500	449189	325	M. Pitts	7/20/2020 0:00:00	MP055	Conglomerate w 40 cm 2:1 strained clast of granite. Granite contains abundant (primary) Py
MP056	Outcrop	5508513	449253	325	M. Pitts	7/20/2020 0:00:00	MP056	Mafic volcanic.
MP057	Outcrop	5508449	449437	336	M. Pitts	7/20/2020 0:00:00	MP057	Sheared conglomerate on small knee-high ridge in center of cedar swamp. Minor Qtz veining. Platy (muscovite?) on foliation. No sulphides.
MP058	Outcrop	5508464	449458	336	M. Pitts	7/20/2020 0:00:00	MP058	Conglomerate with large 30-40 cm clasts of granite. Minor primary Py within granite.
MP060	Outcrop	5508475	449522	337	M. Pitts	7/21/2020 0:00:00	MP060	Conglomerate. Very highly strained. Granite clasts stretched up to 20.1, boudinaged. Minor white pre-deformation fractured quartz veining.
MP061	Outcrop	5507072	444700	354	M. Pitts	7/21/2020 0:00:00	MP061	Moderately deformed/alterred mafic. Fairly strong white Qtz veining. 1-3 cm wide. No notable sulphides. Generally trend 240 deg.
MP062	Outcrop	5507032	444777	357	M. Pitts	7/21/2020 0:00:00	MP062	Unaltered mafic volcanic. Minor 1-3 cm "pods" of angular Qtz. No continuous veining evident.
MP063	Outcrop	5507004	444789	364	M. Pitts	7/21/2020 0:00:00	MP063	Mafic volcanic. Unaltered f-mg. Strikes 245/80. Secondary jointing at 170 & 130°. Non-magnetic.
MP064	Outcrop	5507035	444816	363	M. Pitts	7/21/2020 0:00:00	MP064	Mafic volcanic. Increased alteration. Deep green chlorite + minor sericite alteration. Minor Qtz veining. Tr.-nil sulphides.
MP065	Outcrop	5507087	444831	364	M. Pitts	7/21/2020 0:00:00	MP065	Mafic volcanic. 3-4 cm white barren Qtz vein with patchy alteration, minor py along selvages.
MP068	Outcrop	5507132	444902	364	M. Pitts	7/21/2020 0:00:00	MP068	Vfg dk gry mafic volcanic. Mildly foliated. On edge of slope, shifted in place. No sulphides. Minor Qtz veining.
MP069	Outcrop	5507152	444911	368	M. Pitts	7/21/2020 0:00:00	MP069	f.g. mafic, non magnetic. Nil veining/mineralization.
MP070	Outcrop	5507197	444995	367	M. Pitts	7/21/2020 0:00:00	MP070	f.g. mafic. Increase in veining/wall rock alteration. Pinkish Qtz veinlets, but no sulphides evident.
MP071	Outcrop	5507156	445006	361	M. Pitts	7/21/2020 0:00:00	MP071	relatively unaltered greenish grey mafic. Minor trace Py.
MP072	Outcrop	5507217	445000	358	M. Pitts	7/21/2020 0:00:00	MP072	weak-mildly foliated f.g. basalts? Vugs/vesicles throughout. Weak alteration.
MP073	Outcrop	5507235	445002	355	M. Pitts	7/21/2020 0:00:00	MP073	Unaltered basalt. 10' rock face over marshy area, steeply dipping. Breaking into 2-3' blocks. Trends 240°
MP074	Outcrop	5507230	445044	356	M. Pitts	7/21/2020 0:00:00	MP074	f.g. basalt. Mildly sheared but unaltered. Nil mineralization.
MP075	Outcrop	5507230	445087	353	M. Pitts	7/21/2020 0:00:00	MP075	f.g. mafic volcanic. Increasing foliation, fissile texture. No sulphides, no alteration.
MP076	Outcrop	5507177	445226	350	M. Pitts	7/21/2020 0:00:00	MP076	mg. mafic volcanic w minor Qtz veining. Weak alteration. 2-5 cm boudinaged Qtz vein (barren).
MP077	Outcrop	5507139	445226	351	M. Pitts	7/21/2020 0:00:00	MP077	large exposure of fairly unaltered f.g. mafic. Decent Qtz veining. White Qtz forming 1-5 cm veins every 0.5-1 m, aligned // foliation.
MP078	Outcrop	5507146	445271	350	M. Pitts	7/21/2020 0:00:00	MP078	moderate shearing exposed in ditch/stripped area. No sulphides. Weak ser. Alteration. Aligned 240 deg
MP079	Outcrop	5507252	445436	351	M. Pitts	7/21/2020 0:00:00	MP079	f.g. mafic. Sheared with minor Qtz veining. Very minor, localized mineralization in wall rock.
MP080	Trench	5507283	445448	349	M. Pitts	7/21/2020 0:00:00	MP080	thin 1-3 cm Qtz veins // shearing, trending 240°. Disappears under road to west.
MP081	Outcrop	5505991	446791	354	M. Pitts	7/21/2020 0:00:00	MP081	Highly siliceous/alterred basalt. Recrystallized texture, but relatively unstrained. No notable sulphides. Reddish green alteration throughout.
MP082	Outcrop	5506610	446736	353	M. Pitts	7/21/2020 0:00:00	MP082	Basalt. Unaltered. Minor Qtz-carbonate veining aligned at 240 deg.
MP083	Outcrop	5506620	446723	355	M. Pitts	7/21/2020 0:00:00	MP083	Basalt. Thin 0.5 m sheared sub crop. 1-3 cm Qtz veins w rusty selvages. Minor sulphides. Similar to roadside shear zone to the east.
MP086	Outcrop	5506925	445400	355	M. Pitts	7/21/2020 0:00:00	MP086	Notable shear zone in weakly mineralized mafic volcanic trending 250-255. Minor Qtz veining w sulphides. Very fissile wall rock. Trends along historic trench into parallel creek.
MP087	Outcrop	5506925	445432	354	M. Pitts	7/21/2020 0:00:00	MP087	Minor shear, notable sulphides. Outcrop has 10-20 cm band of semi-massive sulphides. Py + possible Aspy. Trends 280-300 degrees.
MP088	Outcrop	5507019	445418	368	M. Pitts	7/21/2020 0:00:00	MP088	Minor sheared Qtz vein. Barren. Slightly rusty footwall selvages. Highly dis. sulphides throughout along band of wall rock between two veins.
MP089	Outcrop	5507040	445410	366	M. Pitts	7/21/2020 0:00:00	MP089	f.g. mafic volcanic. Minor shearing along 10 cm Qtz vein w good wall rock mineralization. Trends 250
MP090	Outcrop	5506310	447311	325	M. Pitts	7/21/2020 0:00:00	MP090	Mildly strained/alterred mafic. Weak epidote alteration. Minor Py. Much more strained than unaltered (diorites?) to the north.

Appendix D
Assay Certificates



Report No.: A20-09567
Report Date: 02-Sep-20
Date Submitted: 18-Aug-20
Your Reference: Brookbank Central

Greenstone Gold Mines GP Inc.
2381 Bristol Circle, Suite B203
Oakville ON L6H 5S9
Canada

ATTN: Darren Leduchowski

CERTIFICATE OF ANALYSIS

78 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package requested, Test description, and Testing Date. Rows include 1A2B-50-Geraldton and 1A3-50-Geraldton.

REPORT A20-09567

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
801 Main Street, P.O. Box 999, Geraldton, Ontario, Canada, P0T 1M0
TELEPHONE +807 854-2020 or +1 888.228.5227 FAX +1 905.648.9613
E-MAIL Geraldton@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: A20-09567
Report Date: 02-Sep-20
Date Submitted: 18-Aug-20
Your Reference: Brookbank Central

Greenstone Gold Mines GP Inc.
2381 Bristol Circle, Suite B203
Oakville ON L6H 5S9
Canada

ATTN: Darren Leduchowski

CERTIFICATE OF ANALYSIS

78 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2020-08-31 11:29:34

REPORT **A20-09567**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:



Emmanuel Esemé, Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	
Lower Limit	5	0.2	0.5		5			2	2	0.0	2	0	0	0.5	2	0.0	ppm	ppm	0.0	0	ppm	0.0	0	
Method Code	FA AA	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	
227554	2	0.3	<0.5	95	3.0	<	43	3	23	0.6	34	<0	33	<0.5	<2	7.23	23	26	5.06	<0	<	0.20	<0	
227555	030	2.5	<0.5	9	490	6	7	7	6	0.4	3	<0	6	<0.5	3	85	9		2.32	<0	<	0.06	<0	
227556	78	0.6	<0.5	44	383	5	9	3	5	0.09	0	<0	2	<0.5	<2	0	9		20	<0	<	0.03	<0	
227557	56	0.2	<0.5	44	230	<	70	<2	53	0.65	9	<0	4	<0.5	<2	6.97	20	20	3.96	<0	<	0.4	<0	
227558	520	5	<0.5	5	0	35	80	7	23	6	5	<0	3	<0.5	2	5.03	57	44	7.0	<0	<	3	0.07	<0
227559	<5	<0.2	<0.5	35	902	<	22	<2	23	64	5	<0	<0	<0.5	<2	>0.0	20	22	3.44	<0	<	<0.0	<0	
227560	476	0.7	0.9	799	7.3	4	4	28	30	99	3	2	62	<0.5	<2	2.95	6	27	4.05	<0	<	0.5	<0	
22756	38	<0.2	<0.5	6	82	<	46	3	7	0.90	5	<0	6	<0.5	4	3.23	6	24	2.6	<0	<	0.09	<0	
227562	56	0.3	<0.5	7	230	<	3	<2	98	2.68	3	<0	3	<0.5	4	5.09	33	25	8.82	0	<	0.0	<0	
227563	49	<0.2	<0.5	0	630	<	56	<2	6		30	<0	<0	<0.5	3	>0.0	9	2	2.62	<0	<	0.05	<0	
227564	3.70	2	<0.5	4	98		7	8	0	0.3	2	<0	6	<0.5	<2	0.2	28	2	3.95	<0	<	0.09	<0	
227565	>0000	5.5	<0.5	9	228	32	2	78	22	0.42	5	<0	<0	<0.5	5	0.2	36	6	5	<0	<	3	0.05	<0
227566	4000	2.9	0.6	75	0	8	8	800	7	0.5	6	<0	20	<0.5	4	0.53	23	0	2.40	<0	<	0.04	<0	
227567	33	<0.2	<0.5		290	<	2	2	20	0.7	<2	<0	8	<0.5	2	5.38		8	2.75	<0	<	0.03	<0	
227568	7	<0.2	<0.5	39	823	<	38	5	49	0.36		<0	38	<0.5	<2	73	2	4	3.87	<0	<	0.08	9	
227569	6	<0.2	<0.5	68	40	<	6	6	75	0.49	5	<0	45	<0.5	<2	0.38	3	4	5.7	<0	<	0.08	3	
227570	<5	<0.2	<0.5	<	260	<	<	7	24	0.04	<2	36		<0.5	<2	>0.0	<		0.09	<0	<	0.02	<0	
22757	8	<0.2	<0.5	47	834	<	60	6	84	8		<0	49	<0.5	<2	0.26	28	9	4.48	<0	<	0.3	6	
227572	<5	<0.2	<0.5	66	070	<	53	4	74	0.7	3	<0	7	<0.5	<2	2.02	25	4	5.83	<0	<	2	0.6	<0
227573	<5	<0.2	<0.5	04	844	<	34	<2	70	2.99	<2	<0		<0.5	<2	3.90	35	7	6.44	0	<	0.03	<0	
227574	5	<0.2	<0.5	85	60	<	26	3	63	0.45	9	<0	5	<0.5	<2	4.89	29	2	6.80	<0	<	2	0.05	<0
227575	66	<0.2	<0.5	8	050	<	9	<2	00	3.26	5	<0	47	<0.5	3	48	35	8	7.80	0	2	0.0	2	
227576	<5	<0.2	<0.5	63	430	<	29	<2	49	3.80	3	<0	2	<0.5	<2	5.42	34	6	8.90	0	3	0.04	<0	
227577	<5	<0.2	<0.5	2	720	<	4	35	6	0.08	<2	<0	2	<0.5	3	3.73	4	3	3.7	<0	<	0.0	<0	
227578	<5	<0.2	<0.5	27	330	<	5	44	36	0.68	<2	<0	23	<0.5	4	8	9	3	3.3	<0	<	0.07	<0	
227579	<5	<0.2	<0.5	32	54	<	65	5	08	2.54	5	<0	45	<0.5	<2	0.84	22	60	5.36	<0	<	2	0.5	8
227580	476	0.6	0.5	802	705	3	4	25	28	98	4	2	79	<0.5	<2	2.92	6	27	3.9	<0	<	0.4	<0	
22758	<5	<0.2	<0.5	93	230	<	5	6	7	0.05	<2	<0		<0.5	<2	5.5	8	3	3.96	<0	<	0.02	<0	
227582	<5	<0.2	<0.5	84	30	<	65	<2	03	3.77	<2	<0	23	<0.5	4	2.96	48	50	9.47	0		0.09	<0	
227583	9	<0.2	<0.5	25	060	2	73	3	29	0.59	3	<0	6	<0.5	<2	4.45	39	7	5.49	<0	<	2	0.9	<0
227584	<5	<0.2	0	2	2250	<	0	3	80	0.2	4	<0	4	<0.5	<2	>0.0	9	<	9.8	<0	<	2	0	<0
227585	<5	<0.2	<0.5	43	400	<	8	<2	7	0.89	5	0	22	<0.5	3	5.8	29	<	7.97	<0	<	0.35	<0	
227586	<5	0.3	<0.5	357	304	<	9	5	8	0.55	<2	<0	76	<0.5	<2	82	7	34	6.9	<0	<	<0.0	<0	
227587	<5	<0.2	<0.5	96	320	<	47	<2	90	4.23	<2		9	<0.5	2	3.64	42	60	9.2	0	<	0.02	<0	
227588	24	0.3	<0.5		270	<	5	<2	66	2.26	6	<0	4	<0.5	<2	6.86	37	60	7.09	0	<	0.09	<0	
227589	<5	<0.2	<0.5	49	240	5	80	<2	49	0.70	<2	<0	27	<0.5	<2	5.40	35	6	7.37	<0	<	2	0.32	<0
227590	<5	<0.2	<0.5		285	<	<	7	24	0.02	<2	3	75	<0.5	<2	>0.0	<	<	0.05	<0	<	0.02	<0	
22759	<5	<0.2	<0.5	6	2.0	<	3	<2	47	0.55	3	<0	70	<0.5	<2	4.45	34	6	8.33	<0	<	0.29	<0	
227592	<5	<0.2	<0.5	48	270	<	64	2	42	0.60	2	<0	24	<0.5	<2	5.53	35	2	7.08	<0	<	3	0.29	<0
227593	6	0.3	<0.5	30	220	43	92	2	33	0.67	3	<0	2	<0.5	<2	6.49	34	24	6.30	<0	<	3	0.23	<0
227594	<5	<0.2	<0.5	77	080	5	29	<2	73	2.36	<2	<0	8	<0.5	2	4.86	35	79	7.49	<0	<	2	0.27	<0
227595	42	0.7	<0.5	0	687		27	5	5	0.8	30	<0		<0.5	3	5.8	2	20	2.48	<0	<	0.06	<0	
227596	<5	3.5	<0.5	389	305	<		544	28	0.47	<2	<0	<0	0.6	7	5	0	44	2.9	<0	<	<0.0	<0	
227597	0	<0.2	<0.5	25	937	3	53	5	22	0.28	<2	2	5	<0.5	<2	3.85	36	4	4.6	<0	<	0.4	<0	
227598	<5	<0.2	<0.5	7	230	3	00	<2	80	93	<2	<0	7	<0.5	3	5.05	39	57	7.99	<0	<	2	0.20	<0
227599	<5	<0.2	<0.5	39	790	<	57	4	73	2.38	<2	<0	55	<0.5	<2	24	25	6	5.25	<0	<	2	0.8	<0
227600	730	37.4	6.7	227	625	5	2	7.4	0	2.4	03	<0	208	<0.5	<2	78	2	25	3.69	<0	<	2	0.25	<0
22760	<5	<0.2	<0.5	42	862	<	3	4	48	50	3	<0	69	<0.5	<2	0.53	8	4	3.54	<0	<	0.4	20	

Results

Activation Laboratories Ltd.

Report: A20-09567

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5		5			2	2	0.0	2	0	0	0.5	2	0.0	ppm	ppm	0.0	0		0.0	0
Method Code	FA AA	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
227602	2	< 0.2	< 0.5	69	390	<	43	4	45	3	3	< 0	58	< 0.5	< 2	3.82	7	36	4.62	< 0	<	0.3	< 0
227603	5	< 0.2	< 0.5	62	450	<	5	9	25	0.28	3	< 0	28	< 0.5	< 2	3.99		8	3.86	< 0	<	0.04	< 0
227604	< 5	< 0.2	< 0.5	35	250	<	97	< 2	80	4.02	< 2	< 0	5	< 0.5	< 2	4.66	4	97	7.7	0	3	0.0	< 0
227605	< 5	< 0.2	< 0.5	3	220	<	96	< 2	95	4.87	< 2	< 0	2	< 0.5	4	2.7	43	36	9.9	20	<	< 0.0	< 0
227606	< 5	< 0.2	< 0.5	00	650	<	35	< 2	05	3.0	< 2	< 0	29	< 0.5	3	4.33	38	7	9.44	0	2	0.0	< 0
227607	9	0.7	< 0.5	99	00	3	7	7	26	0.7	59	< 0	2	< 0.5	< 2	3.40	4	4	3.0	< 0	<	0.0	< 0
227608	< 5	< 0.2	< 0.5	96	340	<	37	< 2	72	2	3	< 0		< 0.5	< 2	4.7	40	9	8.5	0	3	0.03	< 0
227609	849	0.9	< 0.5	58	90	<	24	9	73	2.75	0	< 0	2	< 0.5	2	5.04	4	2	0.7	20	2	0.0	< 0
2276 0	< 5	< 0.2	< 0.5	<	242	<	<	6	9	0.05	< 2	26	37	< 0.5	< 2	> 0.0	<		0.07	< 0	<	0.02	< 0
2276	> 0000	6.0	35.2	28	2	6	2	3370	060	0.2		< 0	< 0	< 0.5	8	0.38	34	5	4.28	< 0	8	0.04	< 0
2276 2	35	0.2	< 0.5	7	97	<			6	0.08	< 2	< 0	3	< 0.5	< 2	0.7	3	5	0.45	< 0	<	< 0.0	< 0
2276 3	9	0.3	< 0.5	46	340	<	37	2	7	2.34	3	< 0	4	< 0.5	2	2.50	4		9.84	20	2	0.05	< 0
2276 4	28	0.8	< 0.5	4	487	5	7	40	4	0.30	< 2	< 0	25	< 0.5	3	85		4	75	< 0	<	0.03	< 0
2276 5	7	0.5	< 0.5	39	688	<	4	42	44	0.64	< 2	< 0	0	< 0.5	< 2	2.46	23	0	3.62	< 0	<	0.03	< 0
2276 6	6	< 0.2	< 0.5	09	420	<	40	2	73	87	< 2	< 0	203	< 0.5	2	5.40	38	36	9.95	< 0	2	0.6	< 0
2276 7	7	< 0.2	< 0.5	03	220	2	3	3	44	0.7	4	< 0	463	< 0.5	< 2	8.66	27	39	7.55	< 0	3	0.32	< 0
2276 8	6	5	< 0.5	3500	6.7	9	56	7	53	23	6	< 0	< 0	< 0.5	5	98	48	62	5.7	< 0	<	0.02	< 0
2276 9	8	0.2	< 0.5	24	420	42	58	4	32	0.63	< 2	< 0	48	< 0.5	4	6.27	32	2	5.72	< 0	2	0.26	< 0
227620	503	0.6	0.8	823	73	4	5	30	30	2.06	3	3	65	< 0.5	< 2	3.03	6	28	4.08	< 0	<	0.5	< 0
22762	0	0.2	< 0.5	24	380	3	44	4	36	0.33	< 2	< 0	9	< 0.5	5	6.76	34		5.70	< 0	3	0.22	< 0
227622	< 5	0.3	< 0.5	448	06	<	3	4	< 2	0.08	< 2	< 0	2	< 0.5	3	0.5	2	9	0.53	< 0	<	0.03	< 0
227623	< 5	< 0.2	< 0.5	4	240	<	33	2	64	73	< 2	< 0	9	< 0.5	< 2	6.62	37	25	7.25	< 0	2	0.4	< 0
227624	< 5	0.2	< 0.5	59	380	3	73	< 2	94	3.0	42	< 0	6	< 0.5	3	5.7	4	78	8.73	20	2	0.05	< 0
227625	< 5	3	< 0.5	605	948	<	5	24	27	0.42	< 2	< 0	9	< 0.5	< 2	5.2	8	36	5.08	< 0	<	0.0	< 0
227626	< 5	< 0.2	< 0.5	29	327	5	23	3	6	2.08	< 2	< 0	5	< 0.5	< 2	3.72	3	7	2.75	< 0	<	0.04	3
227627	< 5	< 0.2	< 0.5	27	247	3	23	< 2	29	0.59	< 2	< 0	26	< 0.5	< 2	0.90	8	93	24	< 0	<	0.06	< 0
227628	< 5	< 0.2	< 0.5	74	080	<	00	< 2	8	2.38	< 2	< 0	3	< 0.5	< 2	4.33	37	89	7.3	< 0	3	0.7	< 0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	i	h	e	l	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0 0	0 00	0 00	0 0	2			0 0	20			0		0			0 02
Method Code	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	FA GRA
22755	0 77	0 029	0 007	2 74	7	4	6	< 0 0	< 20	3	< 2	< 0	2	< 0			8 04
227552	0 78	0 026	0 004	2 56	< 2	4	23	< 0 0	< 20	3	< 2	< 0	20	< 0			
227553	0 0	0 022	0 003	0 0	< 2	<	27	< 0 0	< 20	<	3	< 0		< 0	<	<	
227554	2 7	0 055	0 0 5	0 34	2	7	4	< 0 0	< 20	<	< 2	< 0	3	< 0	4		
227555	0 42	0 024	0 003	68	< 2	3	8	< 0 0	< 20	3	< 2	< 0	4	< 0		<	
227556	0 34	0 023	0 002	0 45	< 2	3	5	< 0 0	< 20	<	< 2	< 0	6	< 0	2	<	
227557	2 6	0 024	0 008	0 8	< 2	7	3	< 0 0	< 20	<	< 2	< 0	26	< 0	3		
227558	4	0 039	0 028	6 06	< 2	8	26	0 0	< 20	4	< 2	< 0	55	< 0	4	2	
227559	0 84	0 022	0 0 3	0 20	< 2	5	43	0 3	< 20		< 2	< 0	50	< 0	0	3	
227560	40	0 43	0 086	0 58	2	8	39	0 0	< 20	<	< 2	< 0	06	< 0	9	4	
22756	52	0 027	0 057	0 05	< 2	7		< 0 0	< 20	3	2	< 0	27	< 0	4		
227562	2 66	0 039	0 028	0 23	3	3	22	0 37	< 20	<	< 2	< 0	232	< 0		4	
227563	0 92	0 023	0 009	0 4	< 2		55	< 0 0	< 20	<	< 2	< 0	24	< 0	36	<	
227564	0 7	0 025	0 007	3 36	< 2	2	3	0 02	< 20	3	< 2	< 0	5	< 0		5	
227565	0 39	0 03	0 0 3	7 97	5	5	5	0 05	< 20	5	< 2	< 0	50	< 0	2	2	20 6
227566	0	0 023	0 002	2 49	< 2		4	0 02	< 20	2	< 2	< 0	0	< 0	<	2	
227567	2 32	0 043	0 007	0 02	< 2	5	54	< 0 0	< 20	2	< 2	< 0	2	< 0	2	<	
227568	0 59	0 087	0 036	0 09	8	0	50	< 0 0	< 20	<	< 2	< 0	5	< 0	4	3	
227569	0 7	0 085	0 048	0 06	3	6	22	< 0 0	< 20	3	< 2	< 0	20	< 0	4	3	
227570	9 8	0 025	0 003	0 0	< 2	<	24	< 0 0	< 20	3	3	< 0		< 0	<	<	
22757	0 38	0 053	0 063	0	2	7	25	< 0 0	< 20	<	< 2	< 0	22	< 0	5	3	
227572	0 64	0 3	0 047	0 09	3		64	< 0 0	< 20	<	< 2	< 0	22	< 0	5	3	
227573	52	0 24	0 025	0 76	< 2	0	47	0 39	< 20	3	< 2	< 0	35	< 0	7	5	
227574	2 68	0 4	0 0 5	0 4	42	2	69	< 0 0	< 20	<	< 2	< 0	34	< 0	3	5	
227575	82	0 067	0 05	0 2	3	3	3	< 0 0	< 20	<	< 2	< 0	05	< 0	3	5	
227576	3 08	0 026	0 024	0 02	2	2	7	< 0 0	< 20	<	2	< 0	7	< 0	3	3	
227577	0 84	0 025	0 022	< 0 0	< 2	2	75	< 0 0	< 20		< 2	< 0	3	< 0	6	2	
227578	0 3	0 056	0 02	0 0	< 2	3	28	< 0 0	< 20	2	< 2	< 0	0	< 0	4	6	
227579	0 7	0 00	0 049	0 03	< 2	4	29	< 0 0	< 20	3	< 2	< 0	32	< 0	3	2	
227580	39	0 39	0 085	0 57	2	8	38	0 0	< 20	<	< 2	< 0	05	< 0	9	5	
22758	32	0 025	0 006	< 0 0	< 2	4	97	< 0 0	< 20	<	< 2	< 0	8	< 0	6	2	
227582	2 36	0 080	0 023	0 02	4	9	25	< 0 0	< 20	<	< 2	< 0	44	< 0	3	7	
227583	74	0 04	0 020	65	< 2	3	66	< 0 0	< 20	<	< 2	< 0	24	< 0	4	2	
227584	4 0	0 022	0 030	0 03	2	4	84	< 0 0	< 20	<	< 2	< 0	43	< 0	7	5	
227585	73	0 0 9	0 065	0 9	3	0	49	< 0 0	< 20	<	< 2	< 0	63	< 0	6	3	
227586	0 65	0 056	0 0 3	0 3	< 2	7	44	0 0	< 20		< 2	< 0	59	< 0	2	4	
227587	3 8	0 03	0 035	0 0	3	28	49	0 43	< 20	3	< 2	< 0	222	< 0			
227588	95	0 047	0 024	0 2	2	24	33	0 24	< 20	5	< 2	< 0	90	< 0		0	
227589	2 40	0 024	0 027	0 4	3	4	77	< 0 0	< 20	<	< 2	< 0	28	< 0	4	3	
227590	9 9	0 02	0 002	< 0 0	< 2	<	9	< 0 0	< 20	4	4	< 0		< 0	<	<	
22759	2 0	0 038	0 04	0 3	3	24	64	< 0 0	< 20	<	< 2	< 0	72	< 0	3	3	
227592	2 59	0 033	0 030	0 2	2	9	70	< 0 0	< 20	<	< 2	< 0	38	< 0	3	3	
227593	2 38	0 035	0 04	59	2	5	83	< 0 0	< 20	2	< 2	< 0	38	< 0	4	3	
227594	3 7	0 026	0 026	0 06	2	8	56	< 0 0	< 20	<	< 2	< 0	7	< 0	3	2	
227595	69	0 022	0 002	0 42	< 2	4	53	< 0 0	< 20	3	< 2	< 0	8	< 0	2	<	
227596	0 62	0 042	0 005	0	< 2	5	23	0 05	< 20	3	< 2	< 0	2	< 0	4	6	
227597	49	0 037	0 0 6	36	< 2		62	< 0 0	< 20	<	< 2	< 0	5	< 0	4	2	
227598	3 36	0 034	0 028	0 26	3	22	60	0 0	< 20	<	< 2	< 0	7	< 0	3	3	
227599	0 93	0 06	0 046	0 03	< 2	6	26	< 0 0	< 20		< 2	< 0	48	< 0	3	3	
227600	0 90	0 307	0 05	0 28	4	5	28	0 8	< 20	2	< 2	< 0	89	< 0	6	4	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	i	h	e	l	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0 0	0 00	0 00	0 0	2			0 0	20		2	0		0			0 02
Method Code	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	FA GRA
22760	0 65	0 070	0 026	0 0	< 2	6	6	< 0 0	< 20	<	< 2	< 0	35	< 0	4	3	
227602	29	0 080	0 044	0 06	< 2	9	58	< 0 0	< 20	<	< 2	< 0	32	< 0	4	2	
227603	0 4	0 066	0 0 5	0 03	< 2	5	72	< 0 0	< 20	3	< 2	< 0	5	< 0	5	6	
227604	2 44	0 063	0 024	0 08	< 2	20	64	0 40	< 20	4	< 2	< 0	204	< 0	8	4	
227605	4 25	0 033	0 038	0 05	4	25	36	0 02	< 20	<	< 2	< 0	244	< 0	4	3	
227606	3 9	0 035	0 034	0 06	3	23	73	< 0 0	< 20	<	< 2	< 0	57	< 0	4	6	
227607	0 7	0 0 9	0 005	0 44	3	4	47	< 0 0	< 20		< 2	< 0	5	< 0	2	3	
227608	2 7	0 053	0 033	0 37	< 2	27	69	< 0 0	< 20	<	< 2	< 0	97	< 0	5	9	
227609	85	0 04	0 038	2 87	3	26	49	< 0 0	< 20	<	< 2	< 0	228	< 0	5	9	
2276 0	9 57	0 026	0 003	0 0	< 2	<	3	< 0 0	< 20	<	2	< 0	2	< 0	<	<	
2276	0 5	0 029	0 004	4 86	< 2	3	5	0 04	< 20	2	< 2	< 0	9	< 0	2	4	8 0
2276 2	0 07	0 024	0 002	0 06	< 2		2	< 0 0	< 20	<	< 2	< 0	6	< 0	<	<	
2276 3	2 50	0 058	0 034	0 8	2	3	9	0 39	< 20		< 2	< 0	257	< 0	3	9	
2276 4	0 29	0 030	0 007	0 97	< 2	4	9	0 05	< 20	<	< 2	< 0	29	< 0	2	3	
2276 5	0 69	0 070	0 0 7	99	< 2	5	4	0 23	< 20	2	< 2	< 0	94	< 0	7		
2276 6	2 4	0 05	0 046	0 5	3	32	63	0 0	< 20	<	< 2	< 0	38	< 0	5	4	
2276 7	2 06	0 052	0 025	0 2	2	6	76	< 0 0	< 20	4	< 2	< 0	46	< 0	4	3	
2276 8	0 80	0 057	0 023	5 64	4	5	34	0 33	< 20	2	< 2	< 0	64	3	7	23	
2276 9	2 38	0 03	0 03	25	< 2	7	90	< 0 0	< 20	2	< 2	< 0	37	< 0	4	3	
227620	44	0 49	0 088	0 59	< 2	8	42	0 0	< 20	<	< 2	< 0	09	< 0	9	4	
22762	3	0 024	0 038	99	< 2	9	07	< 0 0	< 20	<	< 2	< 0	23	< 0	5	7	
227622	0 04	0 0 7	0 002	0	< 2	<	8	< 0 0	< 20	<	< 2	< 0	4	< 0	<		
227623	3 49	0 038	0 023	0 8	2	26	92	< 0 0	< 20	<	< 2	< 0	97	< 0	5	3	
227624	80	0 046	0 04	0 36	3	28	74	0 20	< 20	3	< 2	< 0	293	< 0	7	4	
227625	0 36	0 062	0 0 8	0 09	< 2	7	48	0 9	< 20	3	< 2	< 0	343	< 0	5	0	
227626	0 46	0 09	0 082	0 3	< 2	9	39	0 55	< 20	5	< 2	< 0	39	< 0	9	3	
227627	0 62	0 37	0 042	0	< 2	3	57	0 3	< 20	2	< 2	< 0	32	< 0	4		
227628	3 30	0 040	0 024	0 2	2	23	43	< 0 0	< 20	<	< 2	< 0	0	< 0	4	2	

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5		5			2	2	0.0	2	0	0	0.5	2	0.0	ppm	ppm	0.0	0	ppm	0.0	0
Method Code	FA AA	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
GXR 6 Meas		0.4	< 0.5	7	0.40		24	97	25	7.29	227	< 0	790	0.9	4	0.4	3	8	6.0	20	4	2	< 0
GXR 6 Cert		30	00	66.0	0.0	2.40	27.0	0	8	7.7	330	9.80	300	40	0.290	0.80	3.8	96.0	5.58	35.0	0.0680	87	3.9
GXR 6 Meas		0.4	< 0.5	73	0.50		24	98	28	7.43	23	< 0	803	0.9	4	0.4	3	83	6.7	20	2	23	< 0
GXR 6 Cert		30	00	66.0	0.0	2.40	27.0	0	8	7.7	330	9.80	300	40	0.290	0.80	3.8	96.0	5.58	35.0	0.0680	87	3.9
OREAS 922 (AQUA REG A) Meas		0	< 0.5	2320	796	<	35	68	274	3.0	7		8	0.8	4	0.44	9	50	5.50	0		0.54	4
OREAS 922 (AQUA REG A) Cert		0.85	0.28	2.76	730	0.69	34.3	60	256	2.72	6.2		70	0.65	0.3	0.324	9.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REG A) Meas		0	< 0.5	2240	785	<	35	60	269	3.03	5		78	0.8	0	0.43	9	50	5.37	0		0.52	40
OREAS 922 (AQUA REG A) Cert		0.85	0.28	2.76	730	0.69	34.3	60	256	2.72	6.2		70	0.65	0.3	0.324	9.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REG A) Meas		8	< 0.5	4490	889	<	3	86	349	3.02	6		6	0.7	28	0.43	2	43	6.2	0		0.43	37
OREAS 923 (AQUA REG A) Cert		62	0.40	4248	850	0.84	32.7	8	335	2.80	7.07		54	0.6	2.8	0.326	22.2	39.4	5.9	8.0		0.322	30.0
Oreas 96 (Aqua Regia) Meas		6	> 0000					9	437						64		45						
Oreas 96 (Aqua Regia) Cert		50	39.00 00					00	448						27.9		49.2						
Oreas 96 (Aqua Regia) Meas		5	> 0000					92	444						86		47						
Oreas 96 (Aqua Regia) Cert		50	39.00 00					00	448						27.9		49.2						
OREAS 254 Fire Assay Meas	2480																						
OREAS 254 Fire Assay Cert	2550																						
OREAS 254 Fire Assay Meas	26.0																						
OREAS 254 Fire Assay Cert	2550																						
OREAS 254 Fire Assay Meas	2520																						
OREAS 254 Fire Assay Cert	2550																						
OREAS 254 Fire Assay Meas	2500																						
OREAS 254 Fire Assay Cert	2550																						
OREAS 229 (Fire Assay) Meas																							
OREAS 229 (Fire Assay) Cert																							
OREAS 229 (Fire Assay) Meas																							
OREAS 229 (Fire Assay) Cert																							
OREAS 2.7 (Fire Assay) Meas	337																						
OREAS 2.7 (Fire Assay) Cert	338																						
OREAS 2.7 (Fire Assay) Meas	324																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	
Lower Limit	5	0.2	0.5		5			2	2	0.0	2	0	0	0.5	2	0.0	ppm	ppm	0.0	0		0.0	
Method Code	FA AA	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	
Assay Meas																							
OREAS 2 7 (Fire Assay) Cert	338																						
OREAS 2 7 (Fire Assay) Meas	337																						
OREAS 2 7 (Fire Assay) Cert	338																						
OREAS 2 7 (Fire Assay) Meas	332																						
OREAS 2 7 (Fire Assay) Cert	338																						
Oreas 62 (Aqua Regia) Meas		68.3	286	3480	537	4	23	> 5000	> 0000	85	8			0.6	4	73	30	32	3.30	0	5	0.40	2
Oreas 62 (Aqua Regia) Cert		68.0	278	3660	520	3.3	25.8	3600	5.700	60	75.0			0.530	3.85	65	27.9	3.3	3.43	9.29	3.93	0.333	9.4
Oreas 62 (Aqua Regia) Meas		68.8	29	3540	558	4	24	> 5000	> 0000	83	82			0.6	4	75	32	34	3.25	0	4	0.39	20
Oreas 62 (Aqua Regia) Cert		68.0	278	3660	520	3.3	25.8	3600	5.700	60	75.0			0.530	3.85	65	27.9	3.3	3.43	9.29	3.93	0.333	9.4
227556 Orig		0.7	< 0.5	43	384	5	0	4	5	0.09	0	< 0	2	< 0.5	< 2	0	9	2	2	< 0	<	0.03	< 0
227556 Dup		0.6	< 0.5	45	382	5	9	3	5	0.09	0	< 0	2	< 0.5	< 2		9	9	9	< 0	<	0.03	< 0
22756 Orig	40																						
22756 Dup	35																						
227569 Orig		< 0.2	< 0.5	68	50	<	62	6	76	0.5	4	< 0	46	< 0.5	< 2	0.39	3	4	5.76	< 0	2	0.08	3
227569 Dup		< 0.2	< 0.5	67	30	<	59	7	74	0.48	6	< 0	44	< 0.5	< 2	0.38	3	4	5.67	< 0	2	0.08	2
227570 Orig	< 5																						
227570 Dup	< 5																						
22758 Orig	< 5																						
22758 Dup	< 5																						
227583 Orig		< 0.2	< 0.5	25	080	2	74	4	30	0.60	3	< 0	6	< 0.5	< 2	4.46	40	7	5.59	< 0	3	0.9	< 0
227583 Dup		< 0.2	< 0.5	24	050	2	72	3	29	0.58	2	< 0	6	< 0.5	< 2	4.44	38	7	5.38	< 0		0.9	< 0
227595 Orig	44																						
227595 Dup	39																						
227599 Split Orig PREP DUP	< 5	< 0.2	< 0.5	39	790	<	57	4	73	2.38	< 2	< 0	55	< 0.5	< 2	24	25	6	5.25	< 0	2	0.8	< 0
227599 Split PREP DUP	< 5	< 0.2	< 0.5	39	80	<	56	3	74	2.40	6	< 0	54	< 0.5	< 2	26	25	63	5.34	< 0	2	0.8	< 0
227604 Orig	< 5																						
227604 Dup	< 5																						
227605 Orig		< 0.2	< 0.5	3	2.0	<	94	< 2	94	4.82	3	< 0	2	< 0.5	4	2.69	42	36	9.92	20	4	< 0.0	< 0
227605 Dup		< 0.2	< 0.5	3	230	<	97	< 2	95	4.9	< 2	< 0	2	< 0.5	5	2.72	43	36	9.89	20	<	< 0.0	< 0
2276 4 Orig	26																						
2276 4 Dup	30																						
2276 9 Orig		0.2	< 0.5	25	440	42	59	4	33	0.64	2	< 0	47	< 0.5	4	6.33	33	2	5.85	< 0	3	0.27	< 0
2276 9 Dup		0.2	< 0.5	23	4.0	42	57	4	32	0.62	< 2	< 0	49	< 0.5	4	6.2	32	2	5.58	< 0	2	0.26	< 0
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	5																						
Method Blank																							
Method Blank																							
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5		5			2	2	0.0	2	0	0	0.5	2	0.0			0.0	0		0.0	0
Method Code	FA AA	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	i	h	e	l	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0 0	0 00	0 00	0 0	2			0 0	20			0		0			0 02
Method Code	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	FA GRA
GXR 6 Meas	0 42	0 28	0 033	0 0	5	8	3		< 20	<	4	< 0	78	< 0	4	7	
GXR 6 Cert	0 609	0 04	0 0350	0 0 60	3 60	27 6	35 0		5 30	0 0 80	2 20	54	86	90	4 0	0	
GXR 6 Meas	0 43	0 3	0 034	0 0	5	8	3		< 20	<	< 2	< 0	79	< 0	4	7	
GXR 6 Cert	0 609	0 04	0 0350	0 0 60	3 60	27 6	35 0		5 30	0 0 80	2 20	54	86	90	4 0	0	
OREAS 922 (AQUA REG A) Meas	45	0 034	0 064	0 38	< 2	4	7		< 20		< 2	< 0	40	< 0	8	8	
OREAS 922 (AQUA REG A) Cert	33	0 02	0 063	0 386	0 57	3 5	5 0		4 5		0 4	98	29 4	2	6 0	22 3	
OREAS 922 (AQUA REG A) Meas	4	0 032	0 063	0 37	< 2	4	7		< 20		< 2	< 0	39	< 0	8	7	
OREAS 922 (AQUA REG A) Cert	33	0 02	0 063	0 386	0 57	3 5	5 0		4 5		0 4	98	29 4	2	6 0	22 3	
OREAS 923 (AQUA REG A) Meas	5		0 06	0 67	< 2	4	5		< 20		< 2	< 0	38	< 0	7	26	
OREAS 923 (AQUA REG A) Cert	43		0 06	0 684	0 58	3 09	3 6		4 3		0 2	80	30 6	96	4 3	22 5	
Oreas 96 (Aqua Regia) Meas				4 03	7												
Oreas 96 (Aqua Regia) Cert				4 38	4 53												
Oreas 96 (Aqua Regia) Meas				4 05	6												
Oreas 96 (Aqua Regia) Cert				4 38	4 53												
OREAS 254 Fire Assay Meas																	2 59
OREAS 254 Fire Assay Cert																	2 55
OREAS 254 Fire Assay Meas																	2 45
OREAS 254 Fire Assay Cert																	2 55
OREAS 254 Fire Assay Meas																	
OREAS 254 Fire Assay Cert																	
OREAS 254 Fire Assay Meas																	
OREAS 254 Fire Assay Cert																	
OREAS 229 (Fire Assay) Meas																	2 2
OREAS 229 (Fire Assay) Cert																	2
OREAS 229 (Fire Assay) Meas																	2 0
OREAS 229 (Fire Assay) Cert																	2
OREAS 2 7 (Fire Assay) Meas																	
OREAS 2 7 (Fire Assay) Cert																	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	i	h	e	l	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0 0	0 00	0 00	0 0	2			0 0	20			0		0			0 02
Method Code	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	FA GRA
OREAS 2 7 (Fire Assay) Meas																	
OREAS 2 7 (Fire Assay) Cert																	
OREAS 2 7 (Fire Assay) Meas																	
OREAS 2 7 (Fire Assay) Cert																	
OREAS 2 7 (Fire Assay) Meas																	
OREAS 2 7 (Fire Assay) Cert																	
Oreas 62 (Aqua Regia) Meas	0 45	0 77	0 034	4 68	9	3	9		< 20		< 2	< 0	4	< 0	7	65	
Oreas 62 (Aqua Regia) Cert	0 436	0 60	0 0335	4 50	07	2 20	8 9		5 9		0 770	63	0 9	00	6 87	55 0	
Oreas 62 (Aqua Regia) Meas	0 45	0 75	0 033	4 63	5	3	8		< 20		< 2	< 0	4	< 0	7	54	
Oreas 62 (Aqua Regia) Cert	0 436	0 60	0 0335	4 50	07	2 20	8 9		5 9		0 770	63	0 9	00	6 87	55 0	
227556 Orig	0 34	0 023	0 002	0 45	< 2	3	5	< 0 0	< 20	<	< 2	< 0	6	< 0	2	<	
227556 Dup	0 35	0 023	0 002	0 45	< 2	3	5	< 0 0	< 20	<	2	< 0	6	< 0	2	<	
22756 Orig																	
22756 Dup																	
227569 Orig	0 7	0 087	0 048	0 06	3	6	22	< 0 0	< 20	3	< 2	< 0	2	< 0	4	3	
227569 Dup	0 7	0 082	0 048	0 05	3	6	2	< 0 0	< 20	2	< 2	< 0	20	< 0	4	4	
227570 Orig																	
227570 Dup																	
22758 Orig																	
22758 Dup																	
227583 Orig	77	0 042	0 020	64	2	3	67	< 0 0	< 20	<	< 2	< 0	25	< 0	4	2	
227583 Dup	7	0 040	0 020	66	< 2	2	65	< 0 0	< 20	<	< 2	< 0	24	< 0	4	2	
227595 Orig																	
227595 Dup																	
227599 Split Orig PREP DUP	0 93	0 06	0 046	0 03	< 2	6	26	< 0 0	< 20		< 2	< 0	48	< 0	3	3	
227599 Split PREP DUP	0 95	0 06	0 045	0 03	4	6	26	< 0 0	< 20	3	< 2	< 0	48	< 0	3	3	
227604 Orig																	
227604 Dup																	
227605 Orig	4 23	0 033	0 038	0 05	4	25	36	0 02	< 20	<	< 2	< 0	243	< 0	4	3	
227605 Dup	4 28	0 033	0 038	0 05	5	25	36	0 02	< 20	<	< 2	< 0	244	< 0	4	3	
2276 4 Orig																	
2276 4 Dup																	
2276 9 Orig	2 42	0 032	0 032	29	< 2	7	92	< 0 0	< 20	3	< 2	< 0	38	< 0	4	3	
2276 9 Dup	2 34	0 030	0 03	2	< 2	7	89	< 0 0	< 20	2	< 2	< 0	37	< 0	4	3	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	< 0 02

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	i	h	e	l	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.0	0.00	0.00	0.0	2			0.0	20		2	0		0			0.02
Method Code	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	FA GRA
Method Blank																	< 0.02
Method Blank	< 0.0	0.0	< 0.00	< 0.0	< 2	<	<	< 0.0	< 20	<	< 2	< 0	<	< 0	<	<	
Method Blank	< 0.0	0.00	< 0.00	< 0.0	< 2	<	<	< 0.0	< 20	<	< 2	< 0	<	< 0	<	<	
Method Blank	< 0.0	0.0	< 0.00	< 0.0	< 2	<	<	< 0.0	< 20	<	< 2	< 0	<	< 0	<	<	



Report No.: A20-10770
Report Date: 23-Oct-20
Date Submitted: 09-Sep-20
Your Reference: Regional

Greenstone Gold Mines GP Inc.
2381 Bristol Circle, Suite B203
Oakville ON L6H 5S9
Canada

ATTN: Darren Leduchowski

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested: and Testing Date:
1E3-Tbay | QOP AquaGeo (Aqua Regia ICPOES) | 2020-09-28 22:52:07

REPORT A20-10770

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

[Handwritten signature]

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

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Report No.: A20-10770
Report Date: 23-Oct-20
Date Submitted: 09-Sep-20
Your Reference: Regional

Greenstone Gold Mines GP Inc.
2381 Bristol Circle, Suite B203
Oakville ON L6H 5S9
Canada

ATTN: Darren Leduchowski

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-50-Geraldton	QOP AA-Au (Au - Fire Assay AA)	2020-09-11 11:11:35

REPORT **A20-10770**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:



Emmanuel Esemé, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	
Lower Limit	5	0.2	0.5		5			2	2	0.0	2	0	0	0.5	2	0.0			0.0	0		0.0	0	
Method Code	FA AA	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	
227629	98	0.5	< 0.5	4	379	3	0	25	8	0.6	5	< 0	4	< 0.5	< 2	26	6	6	3.5	< 0	<	0.03	< 0	
227630	< 5	< 0.2	< 0.5	<	229	<	<	7	5	0.02	< 2	25	90	< 0.5	< 2	> 0.0	<		0.07	< 0	<	0.0	< 0	
22763	358	2.2	< 0.5	9	550	9	24	20	9	0.3	< 2	< 0	4	< 0.5	< 2	0.37	42	5	5.42	< 0	2	0.08	< 0	
227632	0	3	< 0.5	35	8	<	8	35	89	0.2	44	< 0	20	< 0.5	3	0.02			0	< 0	2	0.07	< 0	
227633	< 5	< 0.2	0.7	89	070	<	35	< 2	88	2.2	< 2	< 0	22	< 0.5	< 2	2.70	37	9	8.47	0		0.06	< 0	
227634	289	2.6	< 0.5	28	426	5	2	42	43	0.69	3	< 0	7	< 0.5	< 2	0.46	32	8	5.8	< 0		0.2	< 0	
227635	42	4	< 0.5	66	79	3	29	26	87	6	3	< 0	7	< 0.5	4	0.4	4	7	7.90	< 0	<	0.8	< 0	
227636	457	0.8	< 0.5	6	52	5	7	5	4	0.25	< 2	< 0	2	< 0.5	< 2	2.8	3	5	4.74	< 0		0.02	< 0	
227637	98	0.7	< 0.5	58	979	3	24	0	37	0.85	3	< 0	7	< 0.5	< 2	2.87	42	4	6.26	< 0	<	0.07	< 0	
227638	9	< 0.2	< 0.5	4	83	5	<	6	< 2	0.03	< 2	< 0	6	< 0.5	2	0.07	<		6	2	< 0	<	0.05	< 0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	i	h	e	l	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0 0	0 00	0 00	0 0	2			0 0	20		2	0		0		
Method Code	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
227629	0 0	0 032	0 0 6	2 5	< 2	3	26	< 0 0	< 20	<	< 2	< 0	5	< 0	3	5
227630	8 06	0 024	0 002	< 0 0	< 2	<	25	< 0 0	< 20	<	4	< 0		< 0	<	<
22763	0	0 048	0 028	4 06	2	9	9	0 02	< 20	4	< 2	< 0	46	< 0	4	9
227632	0 2	0 0 9	0 030	0	9	2	2	< 0 0	< 20	<	< 2	< 0	29	< 0		7
227633	2 46	0 052	0 042	0 5	3	22	24	0 40	< 20	2	< 2	< 0	86	< 0	8	23
227634	0 50	0 058	0 04	3 74	< 2			0 0	< 20		< 2	< 0	52	< 0	6	7
227635	0 89	0 055	0 056	4 36	4	6	5	0 05	< 20	<	< 2	< 0	29	< 0	0	20
227636	0 7	0 048	0 025	4 64	< 2	6	45	< 0 0	< 20	4	< 2	< 0	2	< 0	5	
227637	0 62	0 039	0 027	4 02	2	0	36	< 0 0	< 20	<	< 2	< 0	53	< 0	6	3
227638	< 0 0	0 024	0 006	0 0	< 2	<	5	< 0 0	< 20	<	< 2	< 0	3	< 0	<	<

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5		5			2	2	0.0		0	0	0.5	2	0.0			0.0	0		0.0	0
Method Code	FA AA	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
GXR 6 Meas		0.4	< 0.5	68	0.20		25	9	22	6.78	2.8	< 0	766	0.8	2	0.4	2	75	5.57	20	2	0.9	0
GXR 6 Cert		30	0.0	66.0	0.0	2.40	27.0	0	8	7.7	330	9.80	300	40	0.290	0.80	3.8	96.0	5.58	35.0	0.0680	87	3.9
GXR 6 Meas		0.3	< 0.5	65	0.30		23	9.0	8	6.86	2.04	< 0	767	0.8	< 2	0.3	5	74	5.23	20	3	0.5	0
GXR 6 Cert		30	0.0	66.0	0.0	2.40	27.0	0	8	7.7	330	9.80	300	40	0.290	0.80	3.8	96.0	5.58	35.0	0.0680	87	3.9
GXR 6 Meas		0.3	< 0.5	65	0.20		23	9	8	6.82	2.4	< 0	764	0.8	2	0.3	4	73	5.23	20		0.4	0
GXR 6 Cert		30	0.0	66.0	0.0	2.40	27.0	0	8	7.7	330	9.80	300	40	0.290	0.80	3.8	96.0	5.58	35.0	0.0680	87	3.9
GXR 6 Meas		0.3	< 0.5	65	0.20		24	8.9	6	6.78	2.22	< 0	757	0.8	< 2	0.3	4	72	5.20	0	2	0.4	0
GXR 6 Cert		30	0.0	66.0	0.0	2.40	27.0	0	8	7.7	330	9.80	300	40	0.290	0.80	3.8	96.0	5.58	35.0	0.0680	87	3.9
GXR 6 Meas		0.4	< 0.5	68	0.0	3	25	9.0	23	7.85	2.2	< 0	823	0.8	2	0.5	3	74	6.4	0		0.7	< 0
GXR 6 Cert		30	0.0	66.0	0.0	2.40	27.0	0	8	7.7	330	9.80	300	40	0.290	0.80	3.8	96.0	5.58	35.0	0.0680	87	3.9
GXR 6 Meas		0.4	< 0.5	64	9.74	2	24	8.4	2	6.62	2.5	< 0	737	0.8	3	0.4	3	70	5.5	0	2	0.98	< 0
GXR 6 Cert		30	0.0	66.0	0.0	2.40	27.0	0	8	7.7	330	9.80	300	40	0.290	0.80	3.8	96.0	5.58	35.0	0.0680	87	3.9
GXR 6 Meas		0.3	< 0.5	68	0.20		25	8.7	4	7.0	2.29	< 0	783	0.8	3	0.4	3	73	5.59	0	<	0.8	< 0
GXR 6 Cert		30	0.0	66.0	0.0	2.40	27.0	0	8	7.7	330	9.80	300	40	0.290	0.80	3.8	96.0	5.58	35.0	0.0680	87	3.9
GXR 6 Meas		0.3	0.6	64	9.89		24	8.3	20	6.73	2.29	< 0	754	0.8	2	0.3	4	72	5.24	0	<	0.5	< 0
GXR 6 Cert		30	0.0	66.0	0.0	2.40	27.0	0	8	7.7	330	9.80	300	40	0.290	0.80	3.8	96.0	5.58	35.0	0.0680	87	3.9
OREAS 922 (AQUA REG A) Meas		0.9	< 0.5	22.0	7.55	<	33	6.0	2.57	2.79	4		79	0.7	7	0.38	9	44	5.5	< 0		0.47	3.8
OREAS 922 (AQUA REG A) Cert		0.85	0.28	2.76	7.30	0.69	34.3	6.0	2.56	2.72	6.2		70	0.65	0.3	0.324	9.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REG A) Meas		0.8	0.5	2.70	7.49	<	34	5.6	2.43	2.75	5		8	0.7	6	0.39	9	4	4.79	< 0		0.45	3.6
OREAS 922 (AQUA REG A) Cert		0.85	0.28	2.76	7.30	0.69	34.3	6.0	2.56	2.72	6.2		70	0.65	0.3	0.324	9.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REG A) Meas		0.8	< 0.5	2.70	7.60	<	35	6.0	2.43	2.78	6		8	0.7	6	0.39	9	4.2	4.88	< 0		0.45	3.6
OREAS 922 (AQUA REG A) Cert		0.85	0.28	2.76	7.30	0.69	34.3	6.0	2.56	2.72	6.2		70	0.65	0.3	0.324	9.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REG A) Meas		0.8	< 0.5	2.90	7.59	<	35	6	2.42	2.8	5		82	0.7	6	0.39	20	4	4.85	< 0		0.46	3.7
OREAS 922 (AQUA REG A) Cert		0.85	0.28	2.76	7.30	0.69	34.3	6.0	2.56	2.72	6.2		70	0.65	0.3	0.324	9.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REG A) Meas		0.8	< 0.5	2.080	7.22	<	36	5.5	2.40	2.72	5		75	0.7	8	0.39	9	4.3	4.73	< 0		0.44	3.5
OREAS 922 (AQUA REG A) Cert		0.85	0.28	2.76	7.30	0.69	34.3	6.0	2.56	2.72	6.2		70	0.65	0.3	0.324	9.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REG A) Meas		0.8	< 0.5	2.70	7.72	<	36	5.8	2.46	3.0	6		85	0.7	5	0.4	20	4.3	5.9	< 0		0.48	3.8
OREAS 922 (AQUA REG A) Cert		0.85	0.28	2.76	7.30	0.69	34.3	6.0	2.56	2.72	6.2		70	0.65	0.3	0.324	9.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REG A) Meas		0.9	< 0.5	2.20	7.20	<	32	5.9	2.49	2.77	6		85	0.7	9	0.39	9	4.2	4.95	< 0		0.47	3.7
OREAS 922 (AQUA REG A) Cert		0.85	0.28	2.76	7.30	0.69	34.3	6.0	2.56	2.72	6.2		70	0.65	0.3	0.324	9.4	40.7	5.05	7.62		0.376	32.5

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	
Lower Limit	5	0.2	0.5		5			2	2	0.0	2	0	0	0.5	2	0.0	ppm	ppm	0.0	0		0.0	
Method Code	FA AA	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
OREAS 923 (AQUA REG A) Meas		5	< 0.5	4230	84	<	3	76	325	2.73	6		65	0.7	20	0.38	2	40	5.77	< 0		0.40	34
OREAS 923 (AQUA REG A) Cert		62	0.40	4248	850	0.84	32.7	8	335	2.80	7.07		54	0.6	2.8	0.326	22.2	39.4	5.9	8.0		0.322	30.0
OREAS 923 (AQUA REG A) Meas		5	< 0.5	42.0	839	<	34	75	323	2.80	6		62	0.6	23	0.39	2	44	5.65	< 0		0.38	33
OREAS 923 (AQUA REG A) Cert		62	0.40	4248	850	0.84	32.7	8	335	2.80	7.07		54	0.6	2.8	0.326	22.2	39.4	5.9	8.0		0.322	30.0
OREAS 923 (AQUA REG A) Meas		8	0.6	4420	875	<	33	77	330	2.89	7		64	0.6	25	0.40	23	40	5.8	< 0		0.39	34
OREAS 923 (AQUA REG A) Cert		62	0.40	4248	850	0.84	32.7	8	335	2.80	7.07		54	0.6	2.8	0.326	22.2	39.4	5.9	8.0		0.322	30.0
OREAS 923 (AQUA REG A) Meas		7	< 0.5	4.70	850	<	32	74	3.5	2.78	5		64	0.6	7	0.39	22	38	5.62	< 0		0.39	33
OREAS 923 (AQUA REG A) Cert		62	0.40	4248	850	0.84	32.7	8	335	2.80	7.07		54	0.6	2.8	0.326	22.2	39.4	5.9	8.0		0.322	30.0
OREAS 923 (AQUA REG A) Meas		7	< 0.5	43.0	853	<	32	77	3	2.97	7		68	0.7	8	0.40	2	39	5.85	< 0		0.40	34
OREAS 923 (AQUA REG A) Cert		62	0.40	4248	850	0.84	32.7	8	335	2.80	7.07		54	0.6	2.8	0.326	22.2	39.4	5.9	8.0		0.322	30.0
OREAS 923 (AQUA REG A) Meas		7	0	4330	856	<	33	82	33	2.90	6		73	0.7	5	0.4	22	39	5.86	< 0		0.42	36
OREAS 923 (AQUA REG A) Cert		62	0.40	4248	850	0.84	32.7	8	335	2.80	7.07		54	0.6	2.8	0.326	22.2	39.4	5.9	8.0		0.322	30.0
Oreas 96 (Aqua Regia) Meas		0		> 0000				84	40						42		44						
Oreas 96 (Aqua Regia) Cert		50		39.00	00			00	448						27.9		49.2						
Oreas 96 (Aqua Regia) Meas		0		> 0000				77	382						34		45						
Oreas 96 (Aqua Regia) Cert		50		39.00	00			00	448						27.9		49.2						
Oreas 96 (Aqua Regia) Meas		0.3		> 0000				89	4.9						< 2		44						
Oreas 96 (Aqua Regia) Cert		50		39.00	00			00	448						27.9		49.2						
OREAS 254 Fire Assay Meas	2620																						
OREAS 254 Fire Assay Cert	2550																						
OREAS 2.7 (Fire Assay) Meas	33																						
OREAS 2.7 (Fire Assay) Cert	338																						
Oreas 62 (Aqua Regia) Meas		66.4	29	3500	525	2	23	> 5000	> 0000	64	73			0.5	7	53	3	27	3.29	< 0	3	0.35	9
Oreas 62 (Aqua Regia) Cert		68.0	278	3660	520	3.3	25.8	3600	5.700	60	75.0			0.530	3.85	65	27.9	3.3	3.43	9.29	3.93	0.333	9.4

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5		5			2	2	0.0		0	0	0.5	2	0.0	ppm	ppm	0.0	0	ppm	0.0	0
Method Code	FA AA	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
Oreas 62 (Aqua Regia) Meas		64.6	29	3540	527		28	> 5000	> 0000	74	7			0.5	< 2	60	30	35	3.35	< 0	3	0.36	8
Oreas 62 (Aqua Regia) Cert		68.0	278	3660	520	3.3	25.8	3600	5.700	60	75.0			0.530	3.85	65	27.9	3.3	3.43	9.29	3.93	0.333	9.4
Oreas 62 (Aqua Regia) Meas		66.5	286	3540	53	3	28	> 5000	> 0000	7	73			0.5	< 2	62	30	35	3.37	< 0	4	0.36	9
Oreas 62 (Aqua Regia) Cert		68.0	278	3660	520	3.3	25.8	3600	5.700	60	75.0			0.530	3.85	65	27.9	3.3	3.43	9.29	3.93	0.333	9.4
Oreas 62 (Aqua Regia) Meas		63.9	282	3530	5.6	2	24	> 5000	> 0000	67	7			0.5	< 2	57	29	27	3.24	< 0	4	0.34	9
Oreas 62 (Aqua Regia) Cert		68.0	278	3660	520	3.3	25.8	3600	5.700	60	75.0			0.530	3.85	65	27.9	3.3	3.43	9.29	3.93	0.333	9.4
Oreas 62 (Aqua Regia) Meas		6.9	284	3330	532	3	8	> 5000	> 0000	82	7			0.5	5	63	28	5	3.37	< 0	3	0.32	9
Oreas 62 (Aqua Regia) Cert		68.0	278	3660	520	3.3	25.8	3600	5.700	60	75.0			0.530	3.85	65	27.9	3.3	3.43	9.29	3.93	0.333	9.4
Oreas 62 (Aqua Regia) Meas		62.8	272	3380	507	2	23	> 5000	> 0000	67	70			0.5	4	56	30	26	3.08	< 0	3	0.32	9
Oreas 62 (Aqua Regia) Cert		68.0	278	3660	520	3.3	25.8	3600	5.700	60	75.0			0.530	3.85	65	27.9	3.3	3.43	9.29	3.93	0.333	9.4
Oreas 62 (Aqua Regia) Meas		63.7	279	3490	525	2	23	> 5000	> 0000	77	72			0.5	4	6	29	24	3.29	< 0	5	0.33	20
Oreas 62 (Aqua Regia) Cert		68.0	278	3660	520	3.3	25.8	3600	5.700	60	75.0			0.530	3.85	65	27.9	3.3	3.43	9.29	3.93	0.333	9.4
Oreas 62 (Aqua Regia) Meas		64.6	279	3480	500	2	25	> 5000	> 0000	79	75			0.6	< 2	6	27	29	3.28	< 0	3	0.36	20
Oreas 62 (Aqua Regia) Cert		68.0	278	3660	520	3.3	25.8	3600	5.700	60	75.0			0.530	3.85	65	27.9	3.3	3.43	9.29	3.93	0.333	9.4
OREAS 45f (Aqua Regia) Meas				339	66		230	9	25	7.22			4	0	2	0.07	39	328	3.2	20	<	0.0	
OREAS 45f (Aqua Regia) Cert				336	50	9	92	2.4	22.2	4.8			58	0.980	0.70	0.0750	39.2	34	3.7	20.3	0.030	0.0820	0.7
OREAS 45f (Aqua Regia) Meas				332	65		223	7	25	7.5			40	0	< 2	0.07	36	325	3	20	<	0.0	
OREAS 45f (Aqua Regia) Cert				336	50	9	92	2.4	22.2	4.8			58	0.980	0.70	0.0750	39.2	34	3.7	20.3	0.030	0.0820	0.7
OREAS 45f (Aqua Regia) Meas				349	73		226	0	26	7.35			43	0	< 2	0.07	40	332	3.6	20	3	0.0	
OREAS 45f (Aqua Regia) Cert				336	50	9	92	2.4	22.2	4.8			58	0.980	0.70	0.0750	39.2	34	3.7	20.3	0.030	0.0820	0.7
OREAS 45f (Aqua Regia) Meas				328	6	<	230	8	24	7.02			27	0.9	6	0.06	38	3.5	3	20	<	0.0	< 0
OREAS 45f (Aqua Regia) Cert				336	50	9	92	2.4	22.2	4.8			58	0.980	0.70	0.0750	39.2	34	3.7	20.3	0.030	0.0820	0.7
227636 Orig		0.8	< 0.5	6	522	5	8	5	4	0.25	< 2	< 0	2	< 0.5	< 2	2.9	3	5	4.75	< 0		0.02	< 0
227636 Dup		0.8	< 0.5	6	52	5	7	4	4	0.25	2	< 0	2	< 0.5	< 2	2.8	3	5	4.74	< 0	2	0.02	< 0
227638 Orig	8																						
227638 Dup	0																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5		5			2	2	0.0	2	0	0	0.5	2	0.0			0.0	0		0.0	0
Method Code	FA AA	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0
Method Blank		< 0.2	< 0.5	<	< 5	<	<	< 2	< 2	< 0.0	< 2	< 0	< 0	< 0.5	< 2	< 0.0	<	<	< 0.0	< 0	<	< 0.0	< 0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	i	h	e	l	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0 0	0 00	0 00	0 0	2			0 0	20		2	0		0		
Method Code	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
GXR 6 Meas	0 39	0 52	0 032	0 0	3	2	33		< 20	<	< 2	< 0	62	< 0	5	8
GXR 6 Cert	0 609	0 04	0 0350	0 0 60	3 60	27 6	35 0		5 30	0 0 80	2 20	54	86	90	4 0	0
GXR 6 Meas	0 38	0 27	0 032	0 0	< 2	2	28		< 20	<	< 2	< 0	56	< 0	5	7
GXR 6 Cert	0 609	0 04	0 0350	0 0 60	3 60	27 6	35 0		5 30	0 0 80	2 20	54	86	90	4 0	0
GXR 6 Meas	0 38	0 26	0 033	0 0	5	2	28		< 20	<	< 2	< 0	57	< 0	5	9
GXR 6 Cert	0 609	0 04	0 0350	0 0 60	3 60	27 6	35 0		5 30	0 0 80	2 20	54	86	90	4 0	0
GXR 6 Meas	0 38	0 25	0 032	0 0	4	20	28		< 20	<	< 2	< 0	60	< 0	5	
GXR 6 Cert	0 609	0 04	0 0350	0 0 60	3 60	27 6	35 0		5 30	0 0 80	2 20	54	86	90	4 0	0
GXR 6 Meas	0 37	0 46	0 035	0 0	4	8	3		< 20	<	3	< 0	59	< 0	4	9
GXR 6 Cert	0 609	0 04	0 0350	0 0 60	3 60	27 6	35 0		5 30	0 0 80	2 20	54	86	90	4 0	0
GXR 6 Meas	0 35	0 42	0 03	0 0	3	7	29		< 20	<	< 2	< 0	5	< 0	4	2
GXR 6 Cert	0 609	0 04	0 0350	0 0 60	3 60	27 6	35 0		5 30	0 0 80	2 20	54	86	90	4 0	0
GXR 6 Meas	0 37	0 50	0 033	0 0	4	8	3		< 20	<	< 2	< 0	60	< 0	4	2
GXR 6 Cert	0 609	0 04	0 0350	0 0 60	3 60	27 6	35 0		5 30	0 0 80	2 20	54	86	90	4 0	0
GXR 6 Meas	0 38	0 33	0 032	0 0	3	20	28		< 20	<	2	< 0	55	< 0	5	2
GXR 6 Cert	0 609	0 04	0 0350	0 0 60	3 60	27 6	35 0		5 30	0 0 80	2 20	54	86	90	4 0	0
OREAS 922 (AQUA REG A) Meas	34	0 038	0 060	0 36	2	4	6		< 20		< 2	< 0	35	< 0	9	2
OREAS 922 (AQUA REG A) Cert	33	0 02	0 063	0 386	0 57	3 5	5 0		4 5		0 4	98	29 4	2	6 0	22 3
OREAS 922 (AQUA REG A) Meas	30	0 035	0 059	0 34	3	4	5		< 20		3	< 0	33	< 0	9	6
OREAS 922 (AQUA REG A) Cert	33	0 02	0 063	0 386	0 57	3 5	5 0		4 5		0 4	98	29 4	2	6 0	22 3
OREAS 922 (AQUA REG A) Meas	32	0 036	0 06	0 36	3	4	5		< 20		2	< 0	33	< 0	9	26
OREAS 922 (AQUA REG A) Cert	33	0 02	0 063	0 386	0 57	3 5	5 0		4 5		0 4	98	29 4	2	6 0	22 3
OREAS 922 (AQUA REG A) Meas	3	0 035	0 060	0 36	2	4	5		< 20		2	< 0	33	< 0	9	23
OREAS 922 (AQUA REG A) Cert	33	0 02	0 063	0 386	0 57	3 5	5 0		4 5		0 4	98	29 4	2	6 0	22 3
OREAS 922 (AQUA REG A) Meas	20	0 033	0 058	0 3	2	3	5		< 20		< 2	< 0	32	< 0	9	24
OREAS 922 (AQUA REG A) Cert	33	0 02	0 063	0 386	0 57	3 5	5 0		4 5		0 4	98	29 4	2	6 0	22 3
OREAS 922 (AQUA REG A) Meas	25	0 036	0 063	0 36	3	4	6		< 20		< 2	< 0	35	< 0	20	25
OREAS 922 (AQUA REG A) Cert	33	0 02	0 063	0 386	0 57	3 5	5 0		4 5		0 4	98	29 4	2	6 0	22 3
OREAS 922 (AQUA REG A) Meas	28	0 036	0 058	0 36	3	4	5		< 20		< 2	< 0	33	< 0	8	2
OREAS 922 (AQUA REG A) Cert	33	0 02	0 063	0 386	0 57	3 5	5 0		4 5		0 4	98	29 4	2	6 0	22 3

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	i	h	e	l	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.0	0.00	0.00	0.0	2			0.0	20	2		0		0		
Method Code	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
OREAS 923 (AQUA REG A) Meas	4		0.057	0.60	2	4	4		< 20		< 2	< 0	34	< 0	7	33
OREAS 923 (AQUA REG A) Cert	43		0.06	0.684	0.58	3.09	3.6		4.3		0.2	80	30.6	96	4.3	22.5
OREAS 923 (AQUA REG A) Meas	42		0.058	0.65	< 2	4	4		< 20		< 2	< 0	33	< 0	7	28
OREAS 923 (AQUA REG A) Cert	43		0.06	0.684	0.58	3.09	3.6		4.3		0.2	80	30.6	96	4.3	22.5
OREAS 923 (AQUA REG A) Meas	46		0.059	0.67	2	4	4		< 20		3	< 0	33	< 0	8	3
OREAS 923 (AQUA REG A) Cert	43		0.06	0.684	0.58	3.09	3.6		4.3		0.2	80	30.6	96	4.3	22.5
OREAS 923 (AQUA REG A) Meas	42		0.057	0.65	< 2	4	4		< 20		< 2	< 0	32	< 0	8	30
OREAS 923 (AQUA REG A) Cert	43		0.06	0.684	0.58	3.09	3.6		4.3		0.2	80	30.6	96	4.3	22.5
OREAS 923 (AQUA REG A) Meas	30		0.058	0.65	2	4	4		< 20		< 2	< 0	33	< 0	8	29
OREAS 923 (AQUA REG A) Cert	43		0.06	0.684	0.58	3.09	3.6		4.3		0.2	80	30.6	96	4.3	22.5
OREAS 923 (AQUA REG A) Meas	44		0.058	0.69	3	4	4		< 20		< 2	< 0	34	< 0	8	25
OREAS 923 (AQUA REG A) Cert	43		0.06	0.684	0.58	3.09	3.6		4.3		0.2	80	30.6	96	4.3	22.5
Oreas 96 (Aqua Regia) Meas				3.55	7											
Oreas 96 (Aqua Regia) Cert				4.38	4.53											
Oreas 96 (Aqua Regia) Meas				3.75	7											
Oreas 96 (Aqua Regia) Cert				4.38	4.53											
Oreas 96 (Aqua Regia) Meas				3.66	6											
Oreas 96 (Aqua Regia) Cert				4.38	4.53											
OREAS 254 Fire Assay Meas																
OREAS 254 Fire Assay Cert																
OREAS 2.7 (Fire Assay) Meas																
OREAS 2.7 (Fire Assay) Cert																
Oreas 62 (Aqua Regia) Meas	0.43	0.73	0.032	4.42	0	2	7		< 20		< 2	< 0	2	< 0	7	6
Oreas 62 (Aqua Regia) Cert	0.436	0.60	0.0335	4.50	0.7	2.20	8.9		5.9		0.770	63	0.9	0.0	6.87	55.0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	i	h	e	l	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0 0	0 00	0 00	0 0	2			0 0	20			0		0		
Method Code	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
Oreas 62 (Aqua Regia) Meas	0 44	0 77	0 032	4 24	04	2	6		< 20		< 2	< 0	2	< 0	7	62
Oreas 62 (Aqua Regia) Cert	0 436	0 60	0 0335	4 50	07	2 20	8 9		5 9		0 770	63	0 9	00	6 87	55 0
Oreas 62 (Aqua Regia) Meas	0 44	0 76	0 033	4 46	3	2	6		< 20		3	< 0	2	< 0	7	66
Oreas 62 (Aqua Regia) Cert	0 436	0 60	0 0335	4 50	07	2 20	8 9		5 9		0 770	63	0 9	00	6 87	55 0
Oreas 62 (Aqua Regia) Meas	0 42	0 70	0 03	4 33	05	2	7		< 20		< 2	< 0	2	< 0	7	63
Oreas 62 (Aqua Regia) Cert	0 436	0 60	0 0335	4 50	07	2 20	8 9		5 9		0 770	63	0 9	00	6 87	55 0
Oreas 62 (Aqua Regia) Meas	0 39	0 7	0 033	4 64	98	2	9		< 20		< 2	< 0		< 0	7	58
Oreas 62 (Aqua Regia) Cert	0 436	0 60	0 0335	4 50	07	2 20	8 9		5 9		0 770	63	0 9	00	6 87	55 0
Oreas 62 (Aqua Regia) Meas	0 39	0 72	0 03	4 23	07	2	9		< 20		< 2	< 0		< 0	7	59
Oreas 62 (Aqua Regia) Cert	0 436	0 60	0 0335	4 50	07	2 20	8 9		5 9		0 770	63	0 9	00	6 87	55 0
Oreas 62 (Aqua Regia) Meas	0 40	0 78	0 033	4 50	99	2	20		< 20		< 2	< 0		< 0	7	58
Oreas 62 (Aqua Regia) Cert	0 436	0 60	0 0335	4 50	07	2 20	8 9		5 9		0 770	63	0 9	00	6 87	55 0
Oreas 62 (Aqua Regia) Meas	0 43	0 88	0 03	4 53	8	2	9		< 20		< 2	< 0	2	< 0	7	6
Oreas 62 (Aqua Regia) Cert	0 436	0 60	0 0335	4 50	07	2 20	8 9		5 9		0 770	63	0 9	00	6 87	55 0
OREAS 45f (Aqua Regia) Meas	0 8	0 055	0 020	0 02		28	4	0 0	< 20		< 2	< 0	92		5	6
OREAS 45f (Aqua Regia) Cert	0 52	0 0320	0 0220	0 0270		3 4	3 2	0 0970	7 67		0 20	09	2 7		6 74	30 0
OREAS 45f (Aqua Regia) Meas	0 8	0 054	0 02	0 02		28	4	0 0	< 20		< 2	< 0	93		5	8
OREAS 45f (Aqua Regia) Cert	0 52	0 0320	0 0220	0 0270		3 4	3 2	0 0970	7 67		0 20	09	2 7		6 74	30 0
OREAS 45f (Aqua Regia) Meas	0 8	0 054	0 02	0 02		29	5	0 2	< 20		3	< 0	99		6	9
OREAS 45f (Aqua Regia) Cert	0 52	0 0320	0 0220	0 0270		3 4	3 2	0 0970	7 67		0 20	09	2 7		6 74	30 0
OREAS 45f (Aqua Regia) Meas	0 6	0 050	0 020	0 02		24	3	0	< 20		< 2	< 0	90		4	26
OREAS 45f (Aqua Regia) Cert	0 52	0 0320	0 0220	0 0270		3 4	3 2	0 0970	7 67		0 20	09	2 7		6 74	30 0
227636 Orig	0 7	0 048	0 025	4 63	< 2	6	44	< 0 0	< 20		3	< 2	< 0	2	< 0	5
227636 Dup	0 7	0 047	0 025	4 65	< 2	6	45	< 0 0	< 20		4	< 2	< 0	2	< 0	5
227638 Orig																
227638 Dup																
Method Blank																
Method Blank	< 0 0	0 0 2	< 0 00	< 0 0	< 2	<	<	< 0 0	< 20	<	< 2	< 0	<	< 0	<	<
Method Blank	< 0 0	0 0 2	< 0 00	< 0 0	< 2	<	<	< 0 0	< 20	<	< 2	< 0	<	< 0	<	<
Method Blank	< 0 0	0 0 2	< 0 00	< 0 0	< 2	<	<	< 0 0	< 20	<	< 2	< 0	<	< 0	<	<
Method Blank	< 0 0	0 0 2	< 0 00	< 0 0	< 2	<	<	< 0 0	< 20	<	3	< 0	<	< 0	<	<
Method Blank	< 0 0	0 0 2	< 0 00	< 0 0	< 2	<	<	< 0 0	< 20	<	2	< 0	<	< 0	<	<
Method Blank	< 0 0	0 0 2	< 0 00	< 0 0	< 2	<	<	< 0 0	< 20	<	< 2	< 0	<	< 0	<	<
Method Blank	< 0 0	0 0 3	< 0 00	< 0 0	< 2	<	<	< 0 0	< 20	<	< 2	< 0	<	< 0	<	<
Method Blank	< 0 0	0 0 2	< 0 00	< 0 0	< 2	<	<	< 0 0	< 20	<	< 2	< 0	<	< 0	<	<

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	i	h	e	l	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.0	0.00	0.00	0.0	2			0.0	20		2	0		0		
Method Code	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP	AR CP
Method Blank	< 0.0	0.0 2	< 0.00	< 0.0	< 2	<	<	< 0.0	< 20	<	< 2	< 0	<	< 0	<	<
Method Blank	< 0.0	0.0 2	< 0.00	< 0.0	< 2	<	<	< 0.0	< 20	<	2	< 0	<	< 0	<	<
Method Blank	< 0.0	0.0 2	< 0.00	< 0.0	< 2	<	<	< 0.0	< 20	<	2	< 0	<	< 0	<	<
Method Blank	< 0.0	0.0 2	< 0.00	< 0.0	< 2	<	<	< 0.0	< 20	<	< 2	< 0	<	< 0	<	<
Method Blank	< 0.0	0.0 2	< 0.00	< 0.0	< 2	<	<	< 0.0	< 20	<	< 2	< 0	<	< 0	<	<
Method Blank	< 0.0	0.0 4	< 0.00	< 0.0	< 2	<	<	< 0.0	< 20	<	< 2	< 0	<	< 0	<	<

Expenditure Details (Receipt entries)													Invoice Reference #	
Primary Cost Category		Secondary Cost Category	Work Performed		Invoice	Invoice Reference #	Invoice Date	Billing Unit	Unit Price	# Units	Total Cost (No Tax)	Rounded		
Primary Exploration Activity	Work Subtype	Associated Cost Type	Start Date	End Date										
Sampling_Work	Other_Sampling		July 13, 2020	September 2, 2020	Greenstone			Days	\$ 1,952.38	21.00	\$ 41,000.00	\$ 41,000.00	1	
		Assays	August 18, 2020	August 18, 2020	Actlabs	A20-09567	September 2, 2020	Each	\$ 30.46	78.00	\$ 2,376.00	\$ 2,376.00	2	
		Assays	September 9, 2020	September 9, 2020	Actlabs	A20-10770	October 23, 2020	Each	\$ 29.50	10.00	\$ 295.00	\$ 295.00	3	
		Lodging	July 13, 2020	July 19, 2020	Pasha Lake Cabins	695	July 16, 2020	Week	\$ 4,400.00	1.00	\$ 4,400.00	\$ 4,400.00	4	
		Lodging	July 20, 2020	July 26, 2020	Pasha Lake Cabins	702	July 26, 2020	Week	\$ 4,400.00	1.00	\$ 4,400.00	\$ 4,400.00	5	
		Personal Transportation	July 13, 2020	September 2, 2020	Esso	Various		Each	\$ 71.02	32.00	\$ 2,272.51	\$ 2,273.00	6	
											Total	\$ 54,743.51	\$ 54,744.00	