Ontario

We are committed to providing accessible customer service.
If you need accessible formats or communications supports, please contact us.

Nous tenons à améliorer l’accessibilité des services à la clientèle.
Si vous avez besoin de formats accessibles ou d’aide à la communication, veuillez nous contacter.

2022 Work Report on Follow-Up Geological Mapping, Prospecting on the LP Gold Property, Red Lake, Ontario

NAD 1983 UTM Zone 15N

Red Lake Mining District

Ontario

Prepared By

J. Vrzovski, M.Sc, P.Geo

10/20/2022

Table of Contents

List of Appendices

Table of Figures

Table of Tables

1.0. Summary

The LP Gold Property (the Property) is located in northwestern Ontario centered around the UTM coordinates 470705E/5632468N (NAD83 Zone 15N), is a 1918-ha land package composed of 94 single cell mining cells, owned 100% by LP Gold Inc., operated by Barrick Gold Corp as outlined in the earn-in and joint venture shareholders agreement issued November 1st, 2021. Appendix A summarizes claims status.

Barrick geologists and contractors mobilized to the Property beginning on August 11th, 2022, and upon completion of field work, demobilized on September 1st, 2022; a total of 22 days were spent on the property.

The objective of this field program was to follow-up on mapping and sampling from earlier in 2022 and further investigate areas highlighted by anomalous till and rock geochemistry. Higher density mapping and sampling was employed to investigate overall extent and continuity of anomalism and determine potential association to gold mineralization. All work conducted on this property did not require an exploration permit.

Bedrock mapping, prospecting, and sampling was conducted to collect focused geological data including lithologic, structural, alteration and mineralization observations plus bedrock sampling. The observational data combined with geochemical data has allowed Barrick geologists to assess the geological framework of the Property and assess the potential of the Property to host gold mineralization.

During prospecting and bedrock mapping, a total of 229 observations of lithology, 123 observations of alteration, 57 mineralization and 124 structural measurements (110 planar structures and 14 linear structures) were collected. A total of 310 bedrock samples were taken on the property over the duration of the field campaign. These samples were shipped and analyzed at the ALS's Thunder Bay processing facilities. Assay data and field observations have been combined to generate an updated geology synthesis map and assess the viability of the Property to host an economic gold orebody. Incurred expenditures of $120,514.49 related to geology mapping and prospecting were incurred during the period from August 11th to September 1st, 2022. Appendices F and G summarize expenses and document invoices tied to the project, which are summarized in Table 7.

Based on the results of the follow-up survey in conjunction with previous work completed on the Property, which identified local anomalous gold and pathfinder metals, it is recommended that no further work be completed on the property at this time. While anomalism has been identified on the Property, the nature of which, is deemed to be weak and inconsistent and does not reflect potential for economic gold mineralization.

2.0 Introduction

The objective of the 2022 follow-up field program was to conduct further geochemical and geological screening of the property for anomalism related to gold mineralization based on recommendations for continued exploration efforts. Geochemically anomalous areas identified in previously filed work report titled "2022 Work Report on Geological Mapping, Prospecting and Till Sampling on the LP Gold Property, Red Lake, Ontario" (herein referenced as "previous work") were the primary focus of the follow-up

campaign which included higher density mapping and sampling of the Property – to better assess potential for economic gold mineralization.

Further bedrock mapping of property assisted in re-enforcing previously updated interpretations of the property-scale geology. Further refining lithological unit boundaries, structural zones, alteration and mineralization. Relatively weak anomalism was identified within rock samples for gold on the property, with moderate anomalism displayed by other pathfinder elements such as arsenic, antimony and silver. However, no concentrations of economic gold were identified via the completion higher density sampling on the Property, leading to the assessment herein.

3.0 Location, Access, Physiography, Vegetation and Climate

The LP Gold Property is located in northwestern Ontario (Figure 1) and is centered around the coordinates 470705E/5632468N (NAD83 Zone 15N). The property can be reached by road from Ear Falls, Ontario by heading north on Highway 105 for approximately 35 km (Figure 2). LP Gold Property location map.), or south from Red Lake on Highway 105 for approximately 15 km. A network of maintained forest service roads allows for vehicle access off Highway 105 to most of the property; during the 2022 exploration program several areas were inaccessible in the far eastern end of the property due to flooding and washed-out roads.

The physiography of the area is typical of northwestern Ontario boreal forest consisting of black spruce, jack pine, poplar, birch, balsam fir and alders in the wetter regions. Low ridges are surrounded by marshes and wetland with abundant lakes and rivers throughout.

Temperatures range from +30°C in the summer months (June-August) and can drop to below -40°C in the winter months (December-March).

4.0 Claim Status

The LP Gold property consists of two discrete blocks of claims of 89 and 5 claims totally 94 unpatented single cell mining claims, for a total land area of 1918-ha; the larger block of claims is sometimes referred to as LP East and the smaller block as LP West. Claims are located only within the Bruce Lake Area township in north-western Ontario. A generalized figure showing the claim distribution within the Property is presented in Figure 3 and a large-format map with labeled claim and cell numbers is in Appendix E. Figure 4 thematically displays the expiry date of the claims comprising the Property; expenditures incurred during this program will cover expenditures due up to and beyond August 24, 2022. A list of all claims within the project area are presented in Appendix A . All are in good standing.

Figure 1. Chukuni Property Location Map.

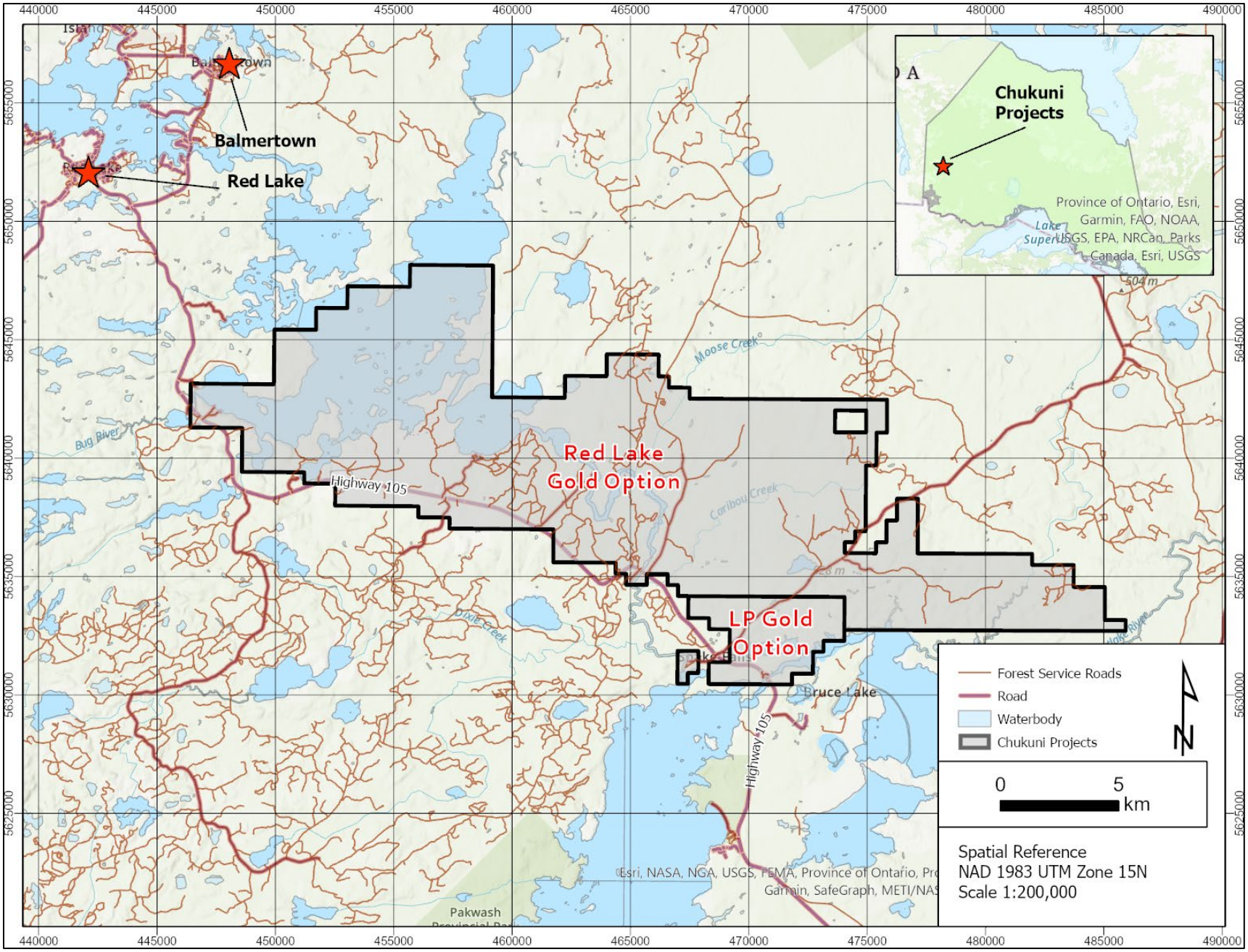


Figure 2. LP Gold Property location map

5.0 History

The Uchi Greenstone belt has been prospected for gold and base metals for decades. Red Lake gold mine located approximately ~20 km NW of the Red Lake Gold Property which is situated in one of the highest-grade Archean gold camps in Canada. Since production commenced in 1949, the combined Red Lake operation has produced more than 25 Moz of gold at an average grade in excess of 20g/t. Red Lake hosts a large Mineral Resource of 11.1Moz and an Ore Reserve of 2.9Moz and has the third highest Ore Reserve grade of operating mines in Canada at 6.9g/t gold (https://evolutionmining.com.au/red-lake). Red Lake, along with most other significant deposits in the area, is located at the interpreted Meso-Neo Archean unconformity which often hosts polymictic conglomerates and major faults.

Northwest of the Property, the currently producing Madsen Mine owned by Pure Gold with an endowment grade of 9.21 g/t and the past producing Starratt-Olsen Mine with a grade of 6.19 g/t are located. Ore at both deposits consisted of disseminated replacement style free gold associated with quartz-carbonate shear veins that developed generally axial planar to property scale D1 folds and were overprinted by penetrative D2 deformation and metamorphism. Both the Starratt-Olsen and Madsen deposits exhibit a distinct arsenic anomaly and a large biotite, sericite aluminous and potassic alteration halo that extends for kilometers from the deposits.

Immediately south of the Property lies Kinross's Dixie project. The project, unlike Madsen and Starratt-Olsen, hosts gold mineralization within wider moderate to lower grade envelopes within felsic volcanics proximal to the LP Fault as well as within this fault zone.

Although there have been several Assessment Files submitted which overlay the Project Area (Figure 5. Assessment files and drill holes reported within the LP Gold project area.), including the recent report filed by Barrick Gold Corp on behalf of Dixie Gold Inc., which covered LiDAR surveying and surficial geology interpretation based on the LiDAR data, only 29 drill holes total have been reported. The drillhole fall into two clusters – one in the north-central area of the Property and one at the eastern edge of the Property; the eastern holes are close to another Barrick operated project, the LP Gold Project, which has been more extensively explored, mainly by Laurentian Goldfields Ltd., which completed the only multiyear exploration campaign on the property. A brief summation of work completed in relation to the assessment reports filed is presented in Table 1. Assessment File summation for work completed within the Chukuni property area. .

There has been no active mining within the project area, and there are no known gold showings within the property. However, aside from the previously mentioned Dixie deposit, two gold showings have been reported proximal to the property Alcock-Bug Lake to the west and East Lake (MR081) to the southeast, within the LP Gold property. Alcock Bug-Lake, a discretionary occurrence was identified in the Faulkenham Lake area during a prospecting campaign in the 1940's and 1970's and was followed up by 1 diamond drill hole in 2004. Boulders were identified in the area with reported grades of 7.18 g/t. Additional mapping in the area identified siliceous altered rock with pyrite (8-10%), and coarse sericite schist with pyrite mineralization. Follow up sampling did not duplicate the 7.18 g/t reported result in any samples. The East Lake MR081 showing was identified in a quartz-tourmaline vein system hosted in mafic volcanics. The veins were described as 2-5cm wide and up to a metre long when observed in outcrop parallel to east trending foliation. Alteration of the wall rock was described as weakly altered with secondary carbonate and minor fine-grained pyrite and magnetite. Gold was reported in two samples of the vein to be 0.489 g/t and 0.328 g/t.

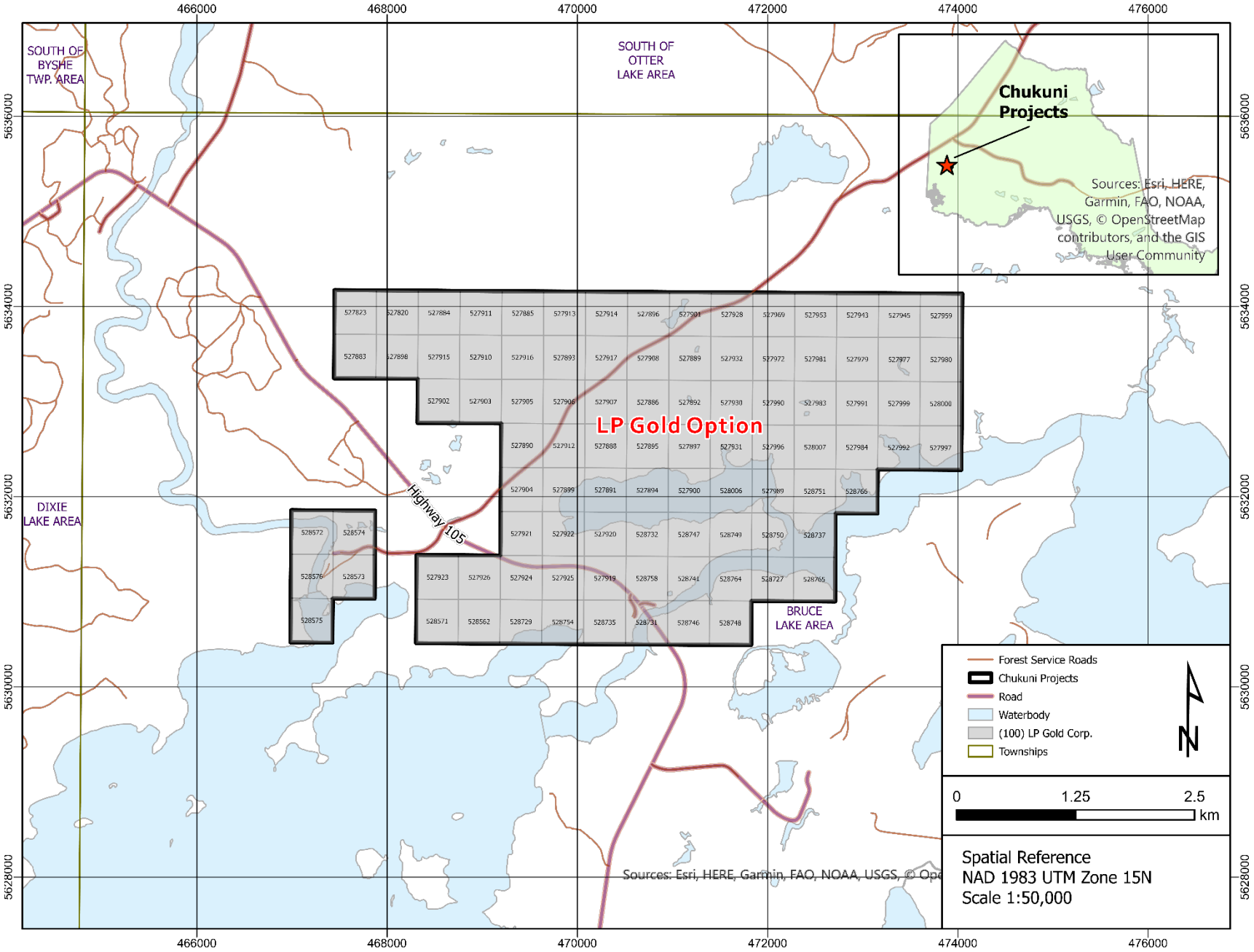


Figure 3. LP Gold property claims.

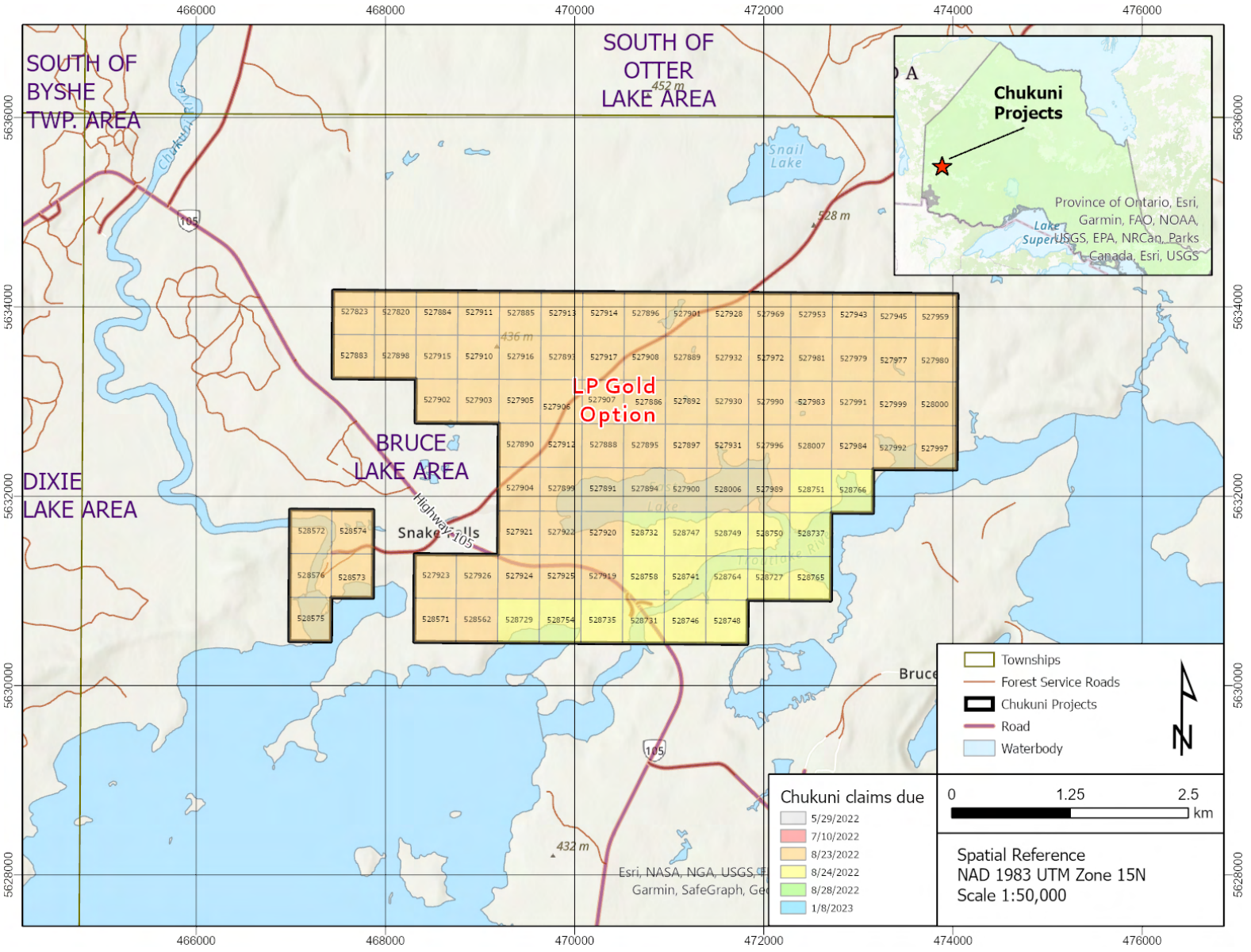


Figure 4. LP Gold mineral claims coded by expiration date.

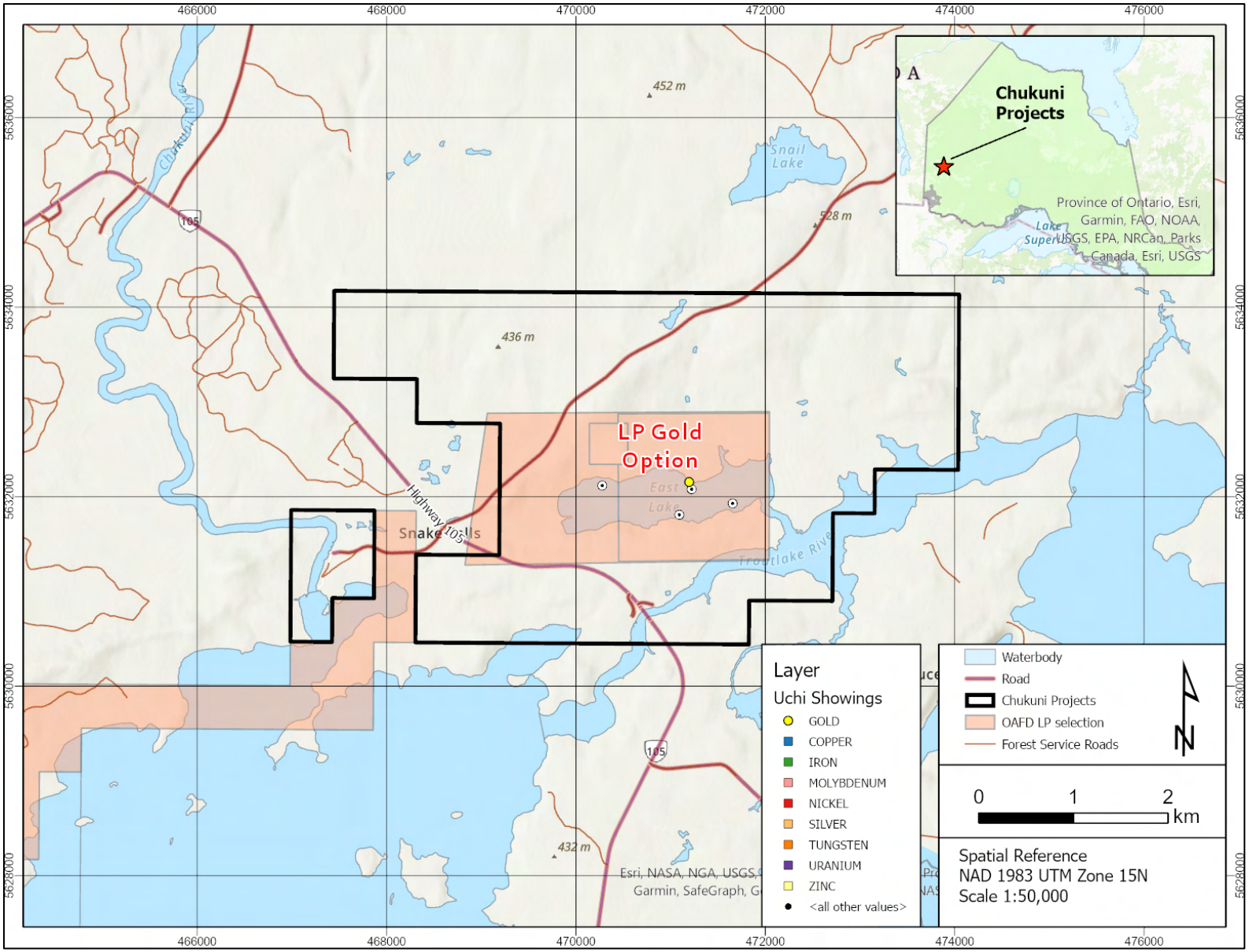


Figure 5. Assessment files and drill holes reported within the LP Gold project area.

Table 1. Assessment File summation for work completed within the Chukuni property area.

AFRI	YEAR	Company	TOWNSHIP	WORK_DESCR
52K13SE0057	1969	Caravelle Mines Ltd	Dixie Lake Area	Airborne Electromagnetic, Airborne Magnetometer, Compilation and Interpretation - Airborne Geophysics, Compilation and Interpretation – Geology
52K14SW0010	1970	Midland Nickel Corp	Bruce Lake Area	Diamond Drilling
52L16SE0001	1973	Selco Mining Corp Ltd	Rainfall Lake Area	Geological Survey / Mapping
52L16SE8170	1973	Cochenour Willans Gold Mines, Coin Lake Gold Mines, Selco Mining Corp Ltd	Rainfall Lake Area	Diamond Drilling
52K14SE0034	1973	Hudson Bay Expl & Dev Co Ltd	Karas Lake Area	Electromagnetic Very Low Frequency
52K13SW0500	1974	Cochenour Willans Gold Mines, Coin Lake Gold Mines, Selco Mining Corp Ltd	Dedee Lake Area	Diamond Drilling
52L16SE0007	1974	Cochenour Willans Gold Mines, Coin Lake Gold Mines, Selco Mining Corp Ltd	Rainfall Lake Area	Diamond Drilling
52K14NE0039	1975	Hudson Bay Expl & Dev Co Ltd	Gerry Lake Area	Electromagnetic
52K14SE0027	1975	Hudson Bay Expl & Dev Co Ltd	Karas Lake Area	Diamond Drilling, Magnetic / Magnetometer Survey
52K14SE0025	1976	Hudson Bay Expl & Dev Co Ltd	Karas Lake Area	Diamond Drilling
52K14SW0008	1976	Selco Mining Corp Ltd	Bruce Lake Area	Electromagnetic, Magnetic / Magnetometer Survey
52K13NW8937	1976	Selco Mining Corp Ltd	Faulkenham Lake Area	Electromagnetic, Magnetic / Magnetometer Survey
52K13NW0056	1976	Selco Mining Corp Ltd	Faulkenham Lake Area	Electromagnetic, Magnetic / Magnetometer Survey
52K14SE0030	1976	Selco Mining Corp Ltd	Karas Lake Area	Electromagnetic, Magnetic / Magnetometer Survey
52K13NE8968	1976	Selco Mining Corp Ltd	South Of Byshe Area	Electromagnetic, Magnetic / Magnetometer Survey
52K14SE0024	1976	Selco Mining Corp Ltd	Karas Lake Area	Diamond Drilling
52K14NW0041	1976	Selco Mining Corp Ltd	Karas Lake Area	Electromagnetic, Magnetic / Magnetometer Survey
52K14SW0006	1977	Selco Mining Corp Ltd	Bruce Lake Area	Electromagnetic, Magnetic / Magnetometer Survey
52K14NW0500	1977	Selco Mining Corp Ltd	South Of Otter Lake Area	Electromagnetic, Magnetic / Magnetometer Survey
52K14SW0005	1977	Selco Mining Corp Ltd	Bruce Lake Area	Diamond Drilling
52K14SW0009	1977	Selco Mining Corp Ltd	Bruce Lake Area	Diamond Drilling
52K13NE8910	1977	Selco Mining Corp Ltd	Willans	Electromagnetic, Magnetic / Magnetometer Survey
52K14SE0018	1977	Hudson Bay Expl & Dev Co Ltd	Karas Lake Area	Diamond Drilling
52K14NW0029	1978	Selco Mining Corp Ltd	South Of Otter Lake Area	Assaying and Analyses, Diamond Drilling
52K14SE0021	1978	Hudson Bay Expl & Dev Co Ltd	Karas Lake Area	Diamond Drilling

52K14SE0014	1979	Selco Mining Corp Ltd	Karas Lake Area	Diamond Drilling
52K14SE0013	1980	Selco Mining Corp Ltd	Karas Lake Area	Diamond Drilling
52K13NW0053	1985	Golden Terrace Resc Corp	Dixie Lake Area	Airborne Electromagnetic, Airborne Electromagnetic Very Low Frequency, Airborne Magnetometer
52K14SE0010	1985	Bp Resources Canada	Karas Lake Area	Electromagnetic Very Low Frequency, Magnetic / Magnetometer Survey
52K14SE0005	1989	Noranda Exploration Co	Karas Lake Area	Electromagnetic
52K13NW0051	1990	Noranda Exploration Co	Faulkenham Lake Area	Geological Survey / Mapping
52K13NE9136	1990	Lightval Mines Ltd	South Of Otter Lake Area	Electromagnetic
52K14SE0001	1991	Noranda Exploration Co	Karas Lake Area	Downhole Geophysics, Electromagnetic, Magnetic / Magnetometer Survey
52K14NW0030	1992	Noranda Exploration Co	South Of Otter Lake Area	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0027	1992 - 1993	D Hawke, G Campbell	Mitchell	Compilation and Interpretation - Geochemistry, Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Open Cutting, Prospecting By Licence Holder
52N02SW8945	1992 - 1993	D R Hawke, G Campbell	Mitchell	Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey
52K14SW0004	1993	P English	Bruce Lake Area	Assaying and Analyses, Electromagnetic, Geological Survey / Mapping, Manual Labour, Overburden Stripping, Prospecting By Licence Holder
52K14SW0007	1993	P English	Bruce Lake Area	Geological Survey / Mapping, Overburden Stripping, Prospecting By Licence Holder
52K13NW0023	1994	Inco Ltd	Faulkenham Lake Area	Assaying and Analyses, Geological Survey / Mapping, Overburden Stripping, Prospecting By Licence Holder
52K14SW0018	1994	Noranda Exploration Co	Bruce Lake Area	Assaying and Analyses, Diamond Drilling, Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Open Cutting
52K14NW0007	1994	G Campbell	South Of Otter Lake Area	Electromagnetic
52K14SW0016	1994	Noranda Exploration Co	Bruce Lake Area	Assaying and Analyses, Diamond Drilling, Geochemical
52K14SE0029	1994	Noranda Exploration Co	Karas Lake Area	Diamond Drilling, Downhole Geophysics, Electromagnetic, Geochemical
52K14SE0031	1994	Noranda Exploration Co	Karas Lake Area	Assaying and Analyses, Diamond Drilling, Downhole Geophysics
52K14SE0016	1995	Noranda Mining & Expl Inc	Karas Lake Area	Electromagnetic, Induced Polarization, Magnetic / Magnetometer Survey, Open Cutting
52K13NW0032	1995	Loydex Resources Inc	Byshe	Diamond Drilling, Electromagnetic, Geochemical, Geological Survey / Mapping, Manual Labour, Microscopic Studies, Open Cutting
52K13NW0004	1995	Inco Ltd	Byshe	Assaying and Analyses, Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting, Regional or Reconnaissance Ground Exploration
52K14SE0011	1995 - 1996	Noranda Mining & Expl Inc	Karas Lake Area	Assaying and Analyses, Diamond Drilling, Downhole Geophysics
52K13NW0033	1996	Maple Resc Ltd	Byshe	Electromagnetic Very Low Frequency, Magnetic / Magnetometer Survey, Open Cutting
52K13NE0001	1996	Maple Minerals Inc	Byshe	Induced Polarization
52K14SW2001	1996 - 1997	Cross Lake Minerals Ltd	Bruce Lake Area	Induced Polarization, Open Cutting
52K13NE2001	1996 - 1998	Cross Lake Minerals Ltd	Byshe	Induced Polarization, Open Cutting

52N04SE2001	1996 - 1998	Cdn Golden Dragon Resc Ltd, East West Resc Corp, Maple Minerals Inc	Byshe	Compilation and Interpretation - Ground Geophysics, Geochemical, Geological Survey / Mapping, Open Cutting
52K13NW0047	1997	Noranda Mining & Expl Inc	Byshe	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52K14NE2005	1998	Tri Origin Expl Ltd	Gerry Lake Area	Downhole Geophysics, Geochemical, Geological Survey / Mapping
52K13NW2001	1998	Noranda Mining & Expl Inc	Byshe	Assaying and Analyses, Diamond Drilling
52K13NW2002	1998	Noranda Inc	Byshe	Electromagnetic, Gravity, Magnetic / Magnetometer Survey, Open Cutting
52K13NW2004	1998	Noranda Mining & Expl Inc	Byshe	Assaying and Analyses, Compilation and Interpretation - Diamond Drilling, Diamond Drilling, Downhole Geophysics, Geochemical, Geological Survey / Mapping
52K14NE2008	2001	Goldcorp Inc	Gerry Lake Area	Compilation and Interpretation - Ground Geophysics
52K14NW2005	2001	Goldcorp Inc	South Of Otter Lake Area	Geochemical, Linecutting
52K13NE2008	2003	Fronteer Dev Group Inc	South Of Byshe Area	Airborne Magnetometer
20000000691	2003 - 2004	Tribute Minerals Corp, Tribute Minerals Inc	Bruce Lake Area	Assaying and Analyses, Diamond Drilling, Downhole Geophysics
20000000845	2003 - 2004	Tribute Menerals Corp	Belanger	Assaying and Analyses, Diamond Drilling, Electromagnetic Very Low Frequency
20000013663	2003 - 2004	Tri Origin Exploration Ltd	Willans	Assaying and Analyses, Diamond Drilling, Induced Polarization, Linecutting, Magnetic / Magnetometer Survey, Overburden Drilling, Soil/Till Sampling
20000000543	2004	Grandcru Resc Corp	Faulkenham Lake Area	Electromagnetic, Linecutting, Magnetic / Magnetometer Survey
20000001225	2004	Tribute Minerals Corp	South Of Otter Lake Area	Assaying and Analyses, Diamond Drilling
20000001515	2004 - 2005	Tribute Minerals Corp	Belanger	Assaying and Analyses, Diamond Drilling, Downhole Geophysics
20000001128	2004 - 2006	Tri Origin Expl Ltd	Otter Lake Area	Assaying and Analyses, Boring Other Than Core Drilling, Geochemical, Prospecting By Licence Holder
20000000488	2005	Gary Schellenberg	South Of Otter Lake Area	Linecutting, Magnetic / Magnetometer Survey
20000000587	2005	Tri Origin Expl Ltd	Willans	Geochemical
20000001048	2005 - 2006	Tri Origin Expl Ltd	Ranger	Induced Polarization, Linecutting
20000013597	2005 - 2017	Tri Origin Exploration Ltd	Willans	Assaying and Analyses, Rock Sampling
20000001506	2006	Gary Cavid Schellenberg	South Of Otter Lake Area	Geochemical, Magnetic / Magnetometer Survey
20000001974	2006	Tri Origin Expl Ltd	Otter Lake Area	Assaying and Analyses, Diamond Drilling
20000001879	2006	Tri Origin Expl Ltd	Otter Lake Area	Electromagnetic, Induced Polarization, Linecutting, Magnetic / Magnetometer Survey
20000002134	2007	Gary Schellenberg	Bruce Lake Area	Magnetic / Magnetometer Survey
20000003086	2007	Tri Origin Expl Ltd	Otter Lake Area	Assaying and Analyses, Overburden Drilling
20000007053	2007 - 2011	Aurcrest Gold Inc	Gerry Lake Area	
20000003997	2008	Tri Origin Expl Ltd	South Of Otter Lake Area	Airborne Electromagnetic, Airborne Electromagnetic Very Low Frequency, Assaying and Analyses, Geochemical, Induced Polarization, Linecutting

20000003068	2008	Trueclaim Resc Inc	Dixie Lake Area	Electromagnetic Very Low Frequency, Linecutting, Magnetic / Magnetometer Survey
20000000165	2008 - 2009	Gregory J Campbell, Precambrian Ventures Ltd	Faulkenham Lake Area	Assaying and Analyses, Geochemical
20000004476	2008 - 2009	Trueclaim Resc Inc	South Of Byshe Area	Diamond Drilling
20000005528	2009 - 2010	Precambrian Ventures Ltd	South Of Otter Lake Area	Assaying and Analyses, Geochemical
20000005977	2010	Precambrian Ventures Ltd	Faulkenham Lake Area	Assaying and Analyses
20000006811	2010	Laurentian Goldfields Ltd	Bruce Lake Area	Airborne Magnetometer, Assaying and Analyses, Geochemical, Manual Labour, Overburden Stripping
20000007991	2011 - 2013	Laurentian Goldfields Ltd	Bruce Lake Area	Assaying and Analyses, Geochemical, Prospecting By Licence Holder
20000008689	2012	Tri Origin Exploration Ltd	South Of Otter Lake Area	Geochemical
20000009085	2012	Tri Origin Exploration Ltd	Otter Lake Area	Assaying and Analyses, Geological Survey / Mapping
20000014754	2012	Tri Origin Exploration Ltd	South Of Otter Lake Area	Geochemical
20000008062	2012 - 2013	Laurentian Goldfields Ltd	Bruce Lake Area	Assaying and Analyses, Geochemical
TBD	2021-2022	Dixie Gold Inc.	Byshe, Willans, Faulkenham Lake Area, South of Byshe Township Area, South of Otter Lake Area, Dixie Lake Area, Bruce Lake Area, and Karas Lake Area	Airborne LiDAR surveying and interpretation of surficial geology based on LiDAR results (Assessment Work Report Number 4730).
TBD	2022	Barrick Gold Corporation	Bruce Lake Area	Assaying and Analyses, Geochemical, Geological Survey / Mapping

6.0 Regional Geology

The Neoarchean Uchi Subprovince of the Archean Superior Province is comprised mostly of intermediate to felsic intrusive rocks surrounding discrete greenstone belts. The central part of the Subprovince contains two jointed greenstone belts: the Red Lake and the Birch-Uchi belts (Figure 6), which are bounded to the west, north and east by batholiths and gneisses. These belts are in contact to the south with the English River Subprovince, dominated by sedimentary rocks metamorphosed at high grade and intruded by several plutons.

The Red Lake greenstone belt (2.99-2.9 Ma) is dominated by mafic and ultramafic volcanic flows and minor components of felsic volcanic rocks, clastic sedimentary rocks, and stromatolites units (Sandborn-Barrie et al. 2001). This belt is renowned for hosting the Red Lake gold mining camp. The Birch-Uchi belt is comprised of mostly intermediate to felsic volcanoclastic rocks and mafic to intermediate volcanic flows (Confederation Assemblage 2.75-2.73 Ma) with minor components of clastic sedimentary rocks (Sandborn-Barrie et al. 2001). In comparison to the Red Lake belt, the Birch-Uchi has been the focus of VMS exploration. At a regional scale, both belts are intruded by numerous syn-volcanic to post-tectonic stocks.

Both belts are overprinted by an E-striking penetrative regional foliation resulting from N-S shortening. However, at a local scale the structural style is largely conditioned by the presence of intrusions.

7.0 Property Geology

The project, located within the southeastern portion of the Red Lake greenstone belt, has seen limited mapping during the second half of the 20th century. Only a few historic maps cover the property, with the most detail being the work completed by the Ontario Geological Survey in the late 1970's (Pirie 1980, Pirie 1980, and Kita 1979) and Sanborn-Barrie et al in 2001.

In general, the Chukuni property has an elongated shaped of 20 by 70 km trending east-west. To the west, the Whirlwind Jack Project consists of locally easterly striking metamorphosed mafic and felsic volcanic rocks bounded to the north, south and west by foliated tonalite suites. Dykes and sills are said to intrude the volcanic units and range from diabase, gabbro to lamprophyre.

To the east the Red Lake Gold Project consists dominantly of a variably foliated quartz monzonite to granodiorite buttressed to the south by a felsic and mafic volcanic package which has not yet been subdivided into a particular assemblage (Figure 7). The LP Gold Project is situated on the east-west trending contact zone between the English River Sub province to the south and undifferentiated felsic volcanic units to the north.

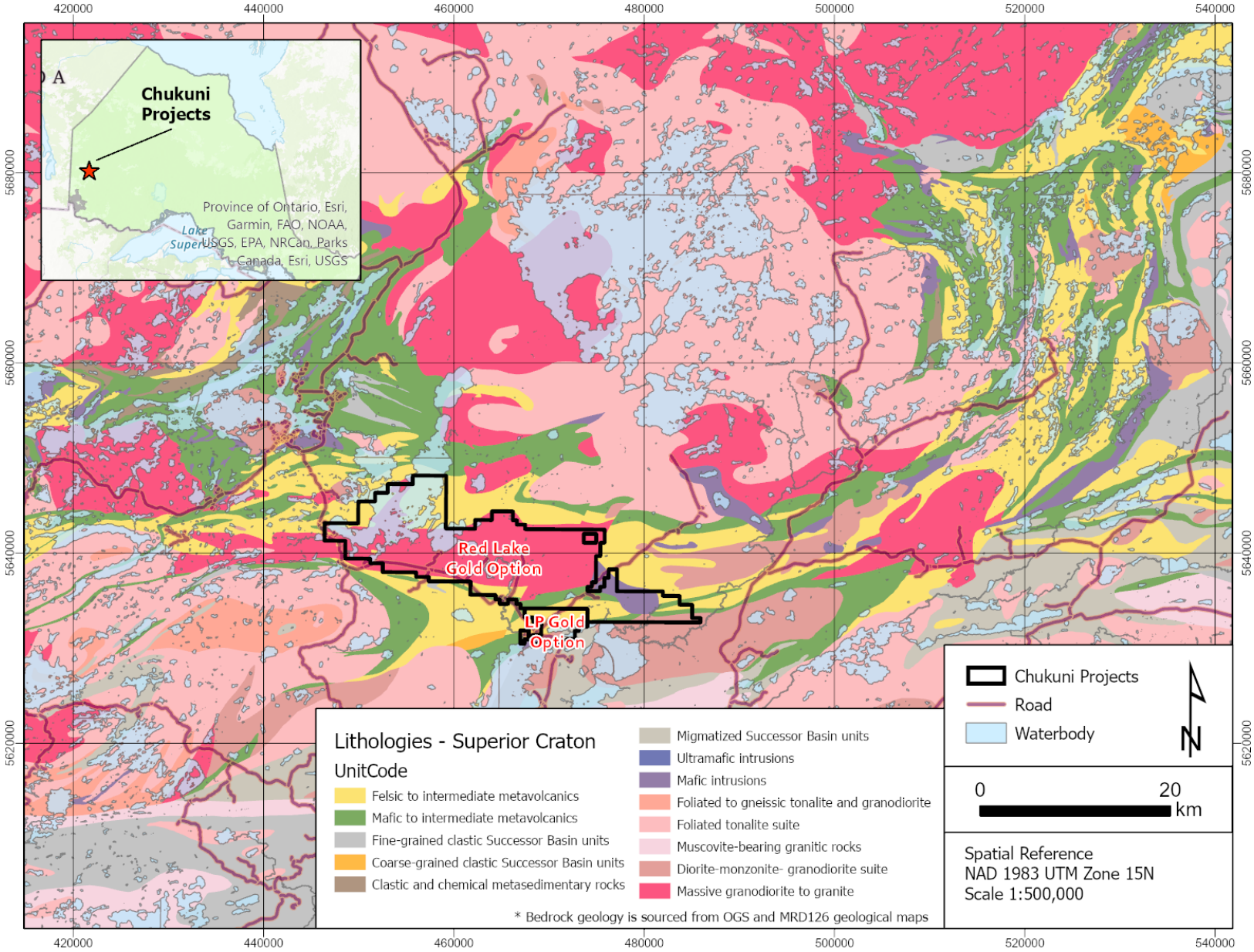


Figure 6. Birch Uchi greenstone belt regional-scale geology map.

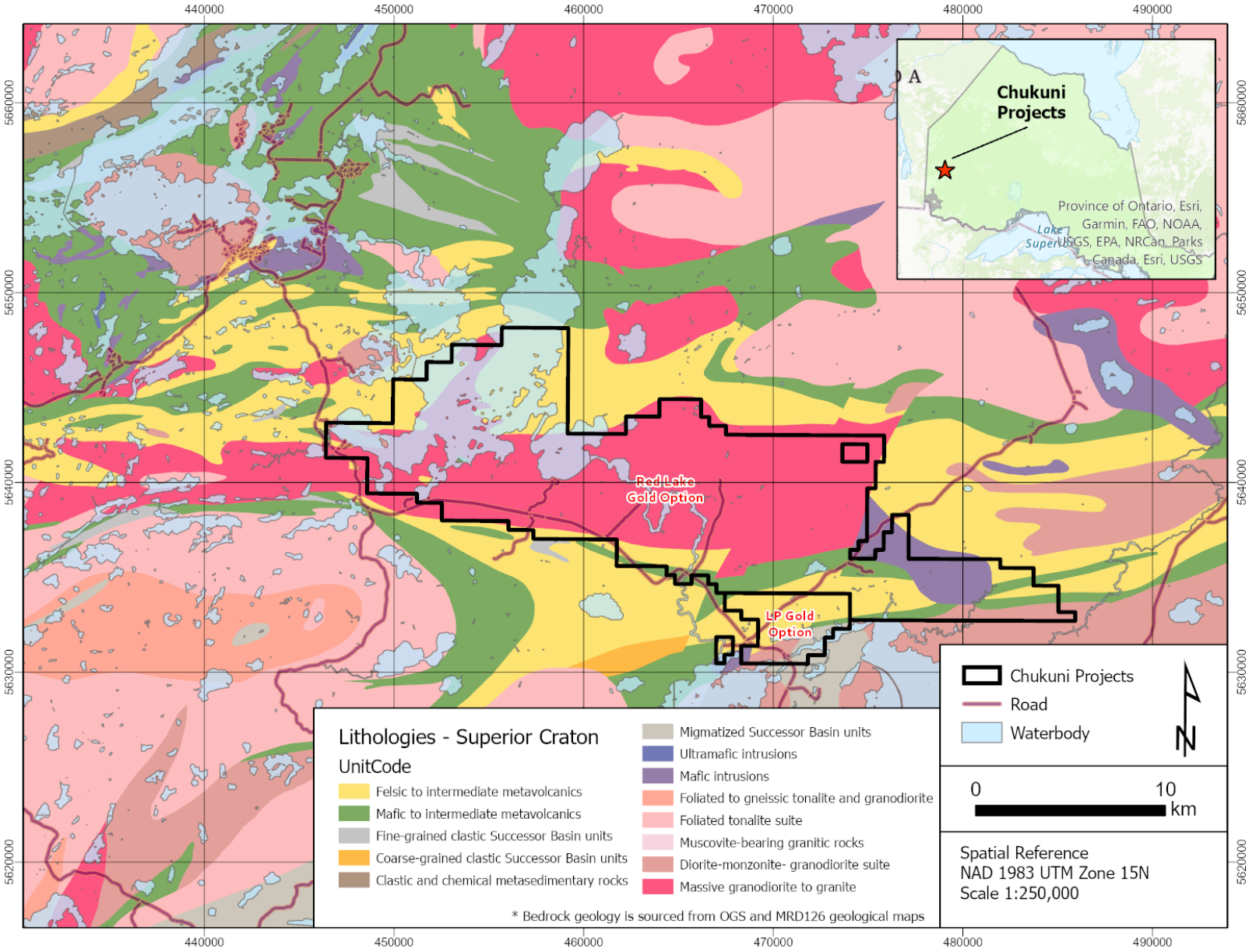


Figure 7. Birch Uchi greenstone belt property-scale geology map.

8.0 Deposit Model

Exploration at the Chukuni properties e.g., LP Gold property is focused on discovering gold mineralization of any style and age. The screening and targeting program conducted by Barrick was developed independent of deposit models. However, it is impossible to ignore the abundance of orogenic gold deposits in the Red Lake district, thus, during fieldwork, there was a focus on features endemic to Archean "orogenic" gold deposits (Figure 8), which are associated with regionally metamorphosed terranes formed during compression/transpression during orogenesis. Subduction of hydrated oceanic crust causes episodic increases in geothermal gradients initiating and driving migration of metamorphic-derived fluids (Groves 1998). Fluids scavenge Au from the crust while developing gold-bearing quartz-carbonate veins at depths of around 15-20 km (Figure 9) to the near surface environment (Groves 1998). Veins are typically associated with extensive ankerite alteration in mafic volcanic host rocks (e.g., Southern Abitibi; Dube et al 2017).

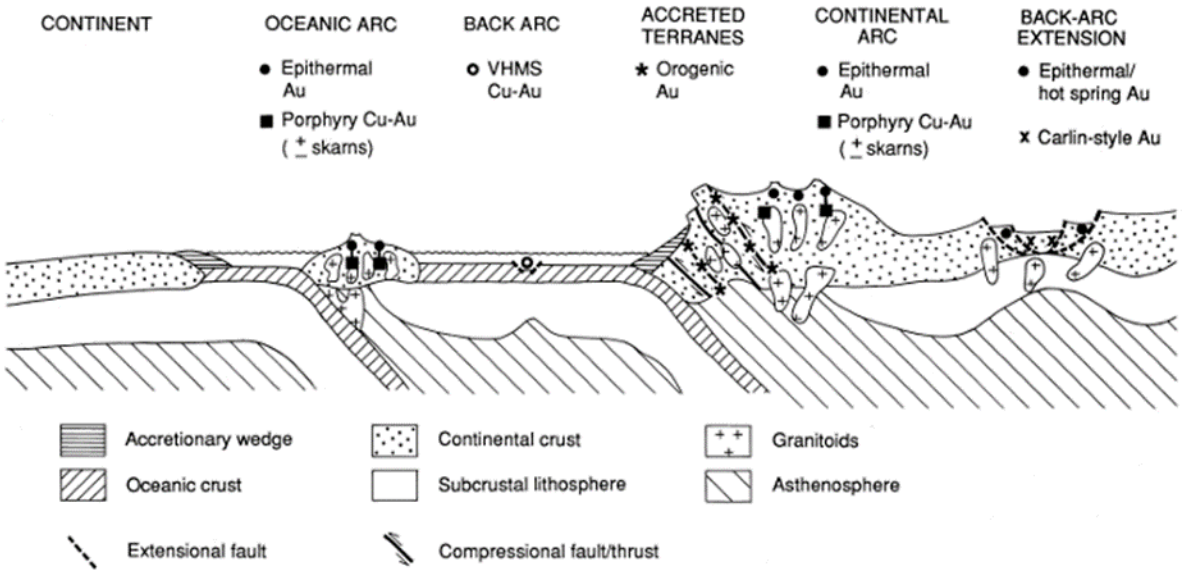


Figure 8. Tectonic settings of gold-rich epigenetic mineral deposits.

Tectonic settings of gold-rich epigenetic mineral deposits. Epithermal veins and gold-rich porphyry and skarn deposits, form in the shallow 15 km parts of both island and continental arcs in compressional through extensional regimes. The epithermal veins, as well as the sedimentary rock-hosted type Carlin ores, also are emplaced in shallow regions of back-arc crustal thinning and extension. In contrast, the so-called 'mesothermal' gold ores termed orogenic gold on this diagram are emplaced during compressional to transpressional regimes and throughout much of the upper crust, in deformed accretionary belts adjacent to continental magmatic arcs. Note that both the lateral and vertical scale of the arcs and accreted terranes have been exaggerated to allow the gold deposits to be shown in terms of both spatial position and relative depth of formation. (Groves et al 1998)

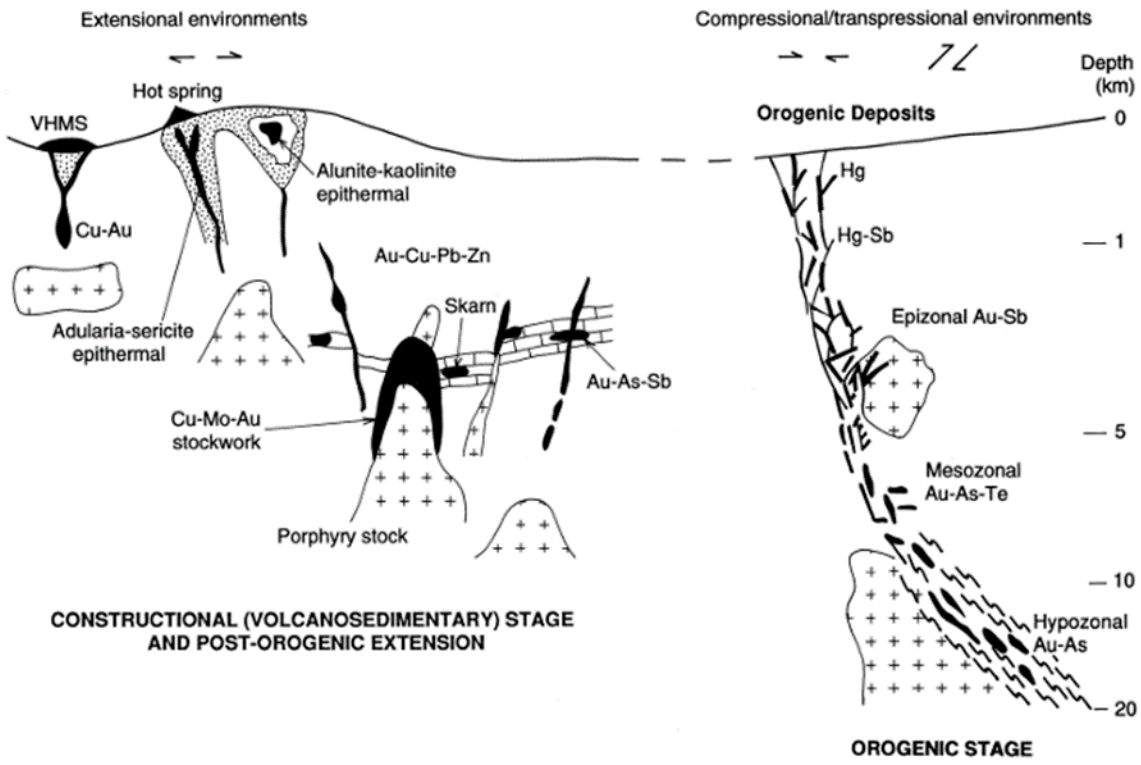


Figure 9. Schematic representation of crustal environments of hydrothermal gold deposits.

Figure presented in terms of depth of formation and structural setting within a convergent plate margin. This figure is by necessity stylized to show the deposit styles within a depth framework. There is no implication that all deposit types or depths of formation will be represented in a single ore system. (Groves et al 1998).

9.0 Data Acquisition and Methodology

9.1 Data Acquisition

Barrick crews mobilized to the Super 8 hotel, Red Lake (home-base for duration of project) beginning on August 11th. Follow-up mapping and sampling on the project began August 12th and were performed until August 30th, with demobilization from the project occurring on September 1st. Table 2 summarizes cumulative time in the field by both Barrick and its contract geologists on the LP property, while Appendix B provides a daily accounting of headcount.

Table 2. Summary of headcount on the LP Gold property during active fieldwork.

Period	August 2022
Barrick Salary	62
Barrick Contract Geo	36
Grand Total	98

During prospecting and bedrock mapping, a total of 229 observations of lithology, 123 observations of alteration, 57 mineralization and 124 structural measurements (110 planar structures and 14 linear

structures) were collected. From these stations, a total of 310 samples were collected, including field duplicates. Table 3 summarizes the types and number of samples that were collected and Figure 10 highlights the sample locations (large-format map is available in Appendix D where sample numbers are labeled for reference). Sample descriptions are noted in Appendix C.

Table 3. Summary of sample types taken on the LP Gold property during active fieldwork.

Sample Type	Total
Economic	302
Economic (field dup)	8
Grand Total	**310**

9.2 Sampling Methodology

Prospecting and mapping were conducted throughout the property to collect bedrock information including lithology, alteration, mineralization plus structural measurements. Location of mapping and prospecting was driven in part by where interpreted geology indicated the greatest potential for gold mineralization – for example proximal to east-west structures associated with major lithologic breaks/contacts. Planning of mapping was also driven by availability of outcrop, which can be estimated using LiDAR data previously collected on the Property. Data collection was managed by geologists in the field using iPads running ESRI application "Survey 1-2-3", which allowed for collection of form-driven tabular data.

Key considerations are standardized for prospecting rock sample collection:

- Collect approximately fist-sized samples – approximately 1 kg
- No dirt, vegetation, moss, etc.
- Representative (host-rock, or vein selvage, or vein, mineralization, alteration, etc.)
- Try to collect representative samples. If there is an outcrop with veins and wall rock multiple samples can be taken from the same outcrop, but slightly different locations
- If mineralization is encountered a 'high graded' sample can be collected, but clearly note and capture in the comments and metadata for the sample

Barrick rock sampling procedures include use of field and lab standards and other QAQC sampling using the following procedures and are further summarized in Table 4 below, which documents the various lab standards that are used.

- Two standard every 50 samples (pre-specify in sample tag books)
    - See table below
    - Remove standard ID
- Two coarse blank every 50 samples (pre-specify in sample tag books)
    - Insert 1 kg
    - To prevent contamination, no jewelry, wear gloves (assigned to blank sampling only), keep covered, only use one bag at a time.

    - If significant mineralization is identified insert a high-grade standard and an extra coarse blank after the sample
- One field duplicate every 50 samples
    - Field duplicate = take a second sample from the same outcrop area
    - Where mineralization is encountered, that is the best location to take a field duplicate

Table 4. 4-Acid and Au fire assay standard available for prospecting.

Standard ID	Lithology	Au ppm	Certification
Oreas 250b	weathered greenstone	0.332	Au FA, Aqua Regia and 4-acid
Oreas 234	Greenstone	1.2	Au FA, Aqua Regia and 4-acid
Oreas 255b	weathered greenstone	4.16	Au FA, Aqua Regia and 4-acid
Oreas 240	Greenstone	5.51	Au FA, Aqua Regia and 4-acid
Oreas 241	Greenstone	6.91	Au FA, Aqua Regia and 4-acid
Oreas 242	Greenstone	8.67	Au FA, Aqua Regia and 4-acid
Oreas 243	Greenstone	12.39	Au FA, Aqua Regia and 4-acid

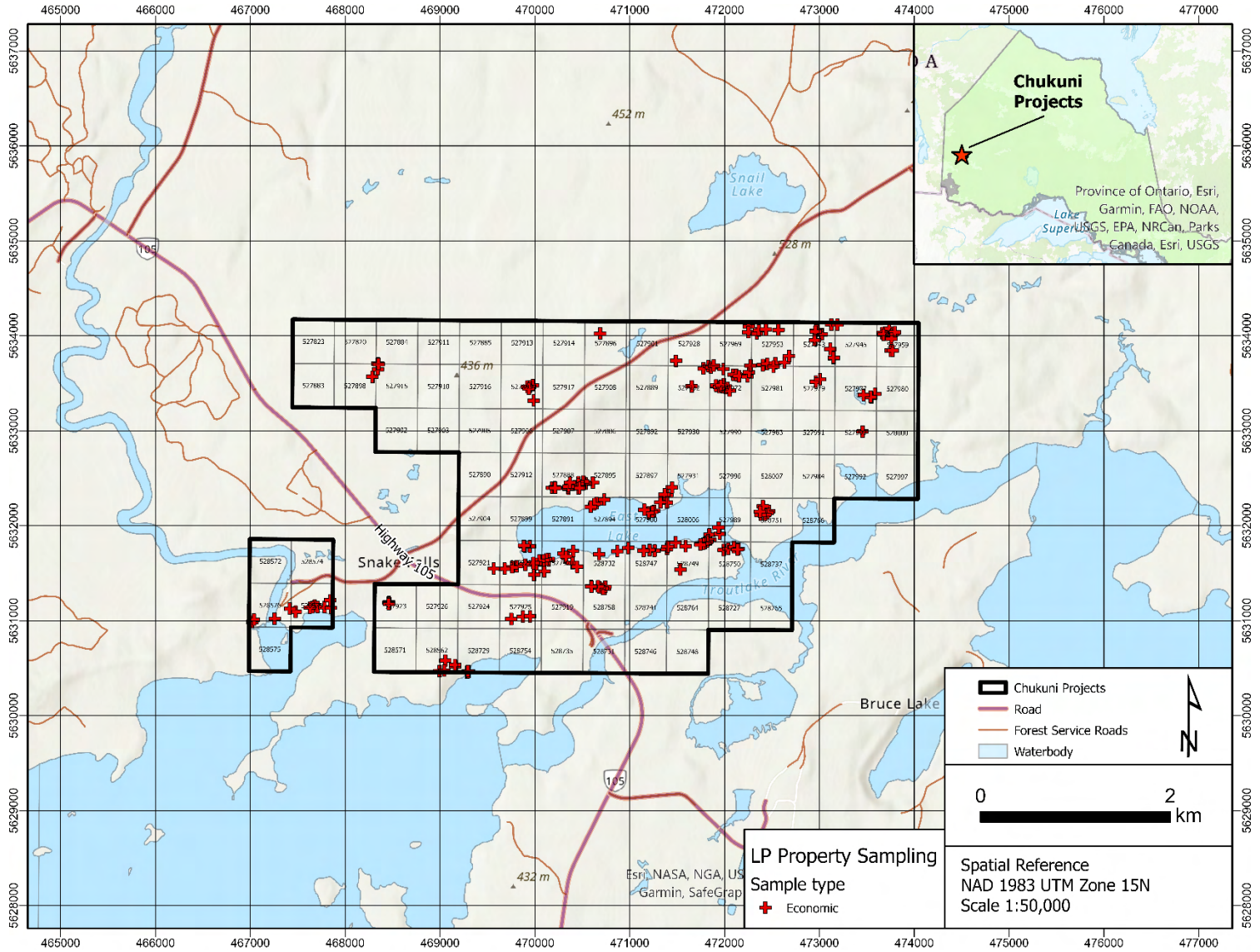


Figure 10. Location of (unlabeled) LP Gold rock sampl

9.3 Analytical Methodology

All samples were prepared for shipping by Barrick geologists at Barrick's base camp at the Super 8 hotel in Red Lake. Samples were weighed, checked to ensure a sample tag was clearly visible in each sample bag and confirmed that the sample existed in Barrick's database prior to shipping. Individual samples were combined in rice bags and separated by project and PO and sample type to ensure separate sample processing streams were respected by the laboratory.

Samples were shipped from Stems' n' Such, Ear Falls which is a shipping hub for Manitoulin Transport. Samples were driven from base camp to Stems' n' Such where they were placed on wooden pallets that were wrapped and secured. These pallets were loaded into Manitoulin trucks, which have a fully enclosed trailer. Samples were shipped to ALS Geochemistry processing facilities for sample preparation.

Rock Prep Facility
ALS Thunder Bay
645 Norah Crescent
Thunder Bay Ontario P7C 5H9

Table 5 summarizes the specific preparation and analytical methods used for each type of sample and provides a brief description of the analytical technique. Barrick completed one type of sample analysis for this project: economic rock.

Table 5. Summary of analytical techniques and laboratory codes.

Method Code	Description
ME-MS61m	Multi-Element Ultra Trace method ideal for exploration in soils or sediments, not appropriate for mineralized samples. A four-acid digest is performed on 0.25g of sample to quantitatively dissolve most geological materials. Analysis via ICP-MS + ICP-AES
TRSPEC-20	Spectral scan using the TerraSpec® 4 HR spectrometer. Crushed reject from primary sample used. This analysis is used to detect spectral shifts in key alteration minerals that may help vector to alteration and mineralization
PREP-31BY	Rock sample preparation done by crusher/rotary splitter combo. Crush to 70% less than 2 mm, rotary split off 1 kg, pulverize split to better than 85% passing 75 microns
Au-ICP21	Gold by fire assay with ICP-AES finish, all performed on 30-50 g sample. Pulverized samples are mixed with a fluxing agent along with lead as a collector. The sample is heated in a furnace, allowing fusion of the pulp, forming a gold-bearing metallic "button". After additional processing this extract is dissolved and analyzed by ICP-AES

10.0 Geochemical and Geological Results

10.1 Rock Sampling Results

A total of 310 bedrock samples were obtained from rock sampling, with spatial distribution controlled by outcrop availability. An effort was made to obtain samples and observations from all areas of the property where bedrock was interpreted from LiDAR data. Figure 11 summarizes gold values and key pathfinder elements (Ag, As, Sb). Lab certificates are in Appendix E.

Correlation between gold and typical orogenic pathfinder elements is summarized in Table 6. A moderate to strong correlation with Au was observed with Ag, Sb, Bi and Te with R^2 >0.4. Weaker correlation with Au was observed with As with R^2 >0.21, no correlation was observed between Au and Hg.

As identified in previous work, visual clustering is strongest in pathfinder elements in As, Sb and Ag, which all cluster along the southern part of the property, proximal to and south of a high-strain zone. Some anomalism is noted in Au and Ag values (low As-Sb) in the northern portion of the property, proximal to the northern high-strain zone. While pathfinder elements do display some anomalism on the property, the highest recorded gold value returned from rock sampling was 0.263 ppm, which is sub-economic.

Table 6. Rock geochemistry summary statistics for key pathfinder elements (in ppm).

Metal	Mean	Median	Min	Max	Au Correlation (R^2)
Au	0.00524	0.000001	0.000001	0.263	-
Ag	0.029	0.04	0.00005	17.45	0.53
As	2.55	2.1	0.00025	2970	0.21
Sb	0.230	0.315	0.00025	18.55	0.4
Hg	0.000040	0	0	0.03	0.004
Bi	0.42	0.11	0.00015	66.5	0.47
Te	0.038	0.00025	0.00025	4.95	0.43

10.2 Geological Mapping and Interpretation

Follow-up work completed on the property has confirmed reinterpretations from previous sampling and mapping. Minute changes have been made to lithological contacts on the property, with the positions of major structural zones (Caribou Creek and Snake Falls shear zones) remaining unchanged.

The geology of the property is summarized as consisting dominantly of the Confederation assemblage, which comprises the northern and middle portions of the Property. This assemblage consists dominantly of andesitic to rhyolitic flows with minor iron formation and mafic sills. The northern and middle portions of the Property are separated by east-trending Caribou Creek shear zone and a granodiorite intrusion. The southern portion of the property consists mainly of felsic volcaniclastic rocks a large diorite intrusion and English River sediments. This portion of the property is separated from the central area by the Snake Falls shear zone, which is situated on the northern margin of the diorite intrusion. The major shear zones that have been identified have been characterized as displaying increased

deformation within zones up to hundreds of meters wide and displaying shear sense indicators that indicate dextral strike-slip. Both the granodiorite and diorite bodies on the property display well developed penetrative, as previously described, suggesting magmatism syn-deformation.

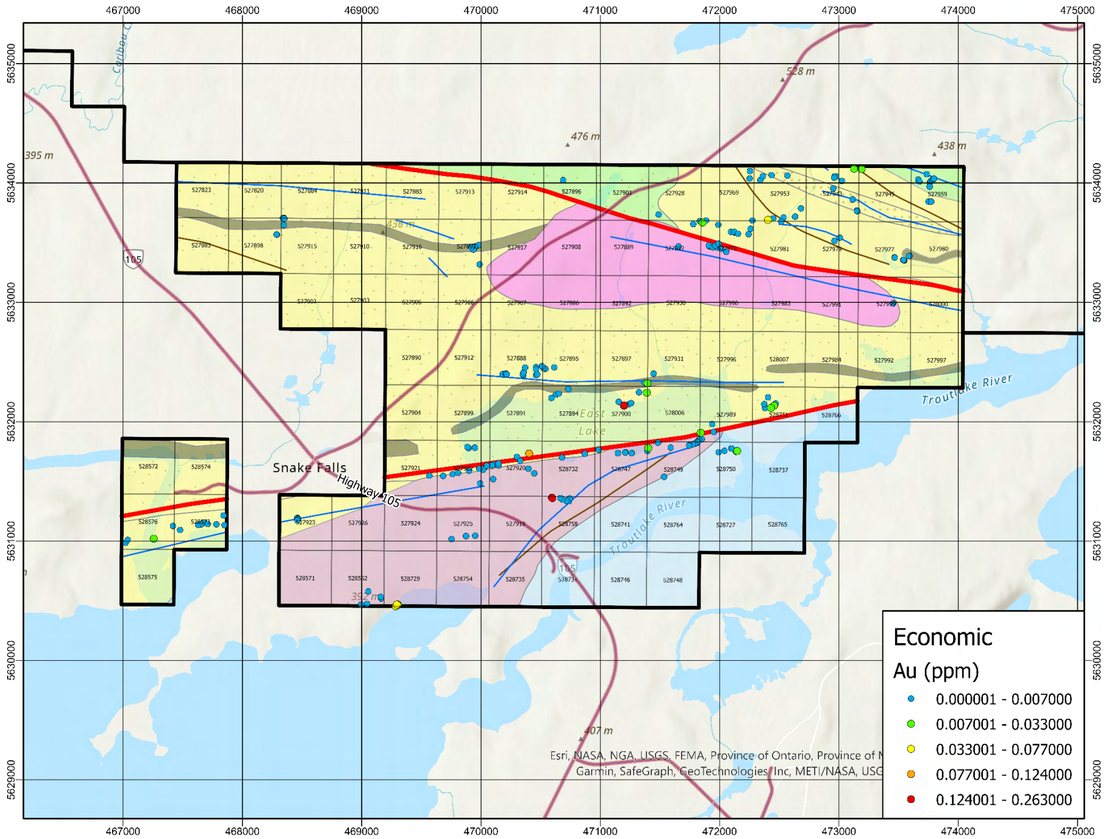
Follow-up work did recognize previously un-reported mineralization within the southern diorite intrusion. Numerous quartz + sulphide (pyrite ± chalcopyrite ± molybdenite) veins were sampled within the diorite. Veining was observed to be related to internal shearing along mafic dykes cutting the diorite body. Chlorite alteration was observed to be present within the diorite intrusion proximal to shears and veining. Spatially, veining identified within the intrusion was however, sporadic, and discontinuous. Pyrite was the most dominant sulphide identified on the property, occurring predominantly in the north-eastern volcanic package and proximal to the Snake Falls shear zone along the contact between the diorite body and felsic volcaniclastic rocks (Figure 12).

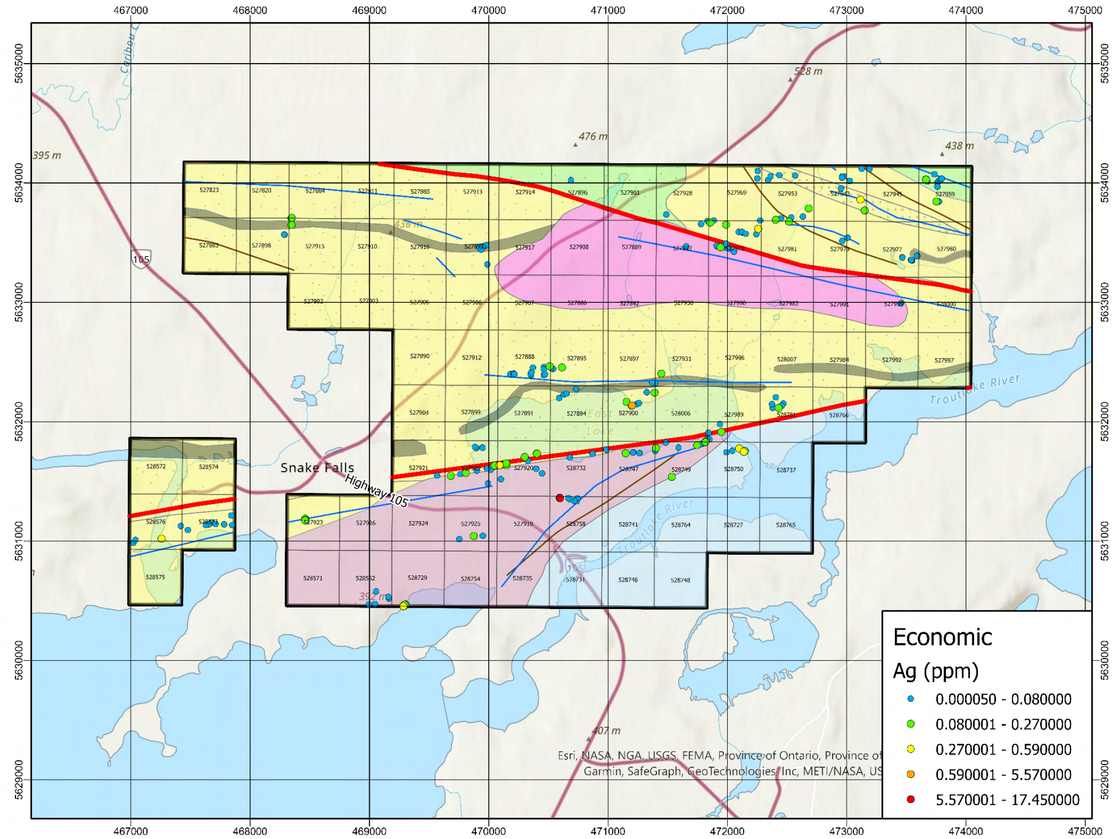
11.0 Significance to Mineral Exploration

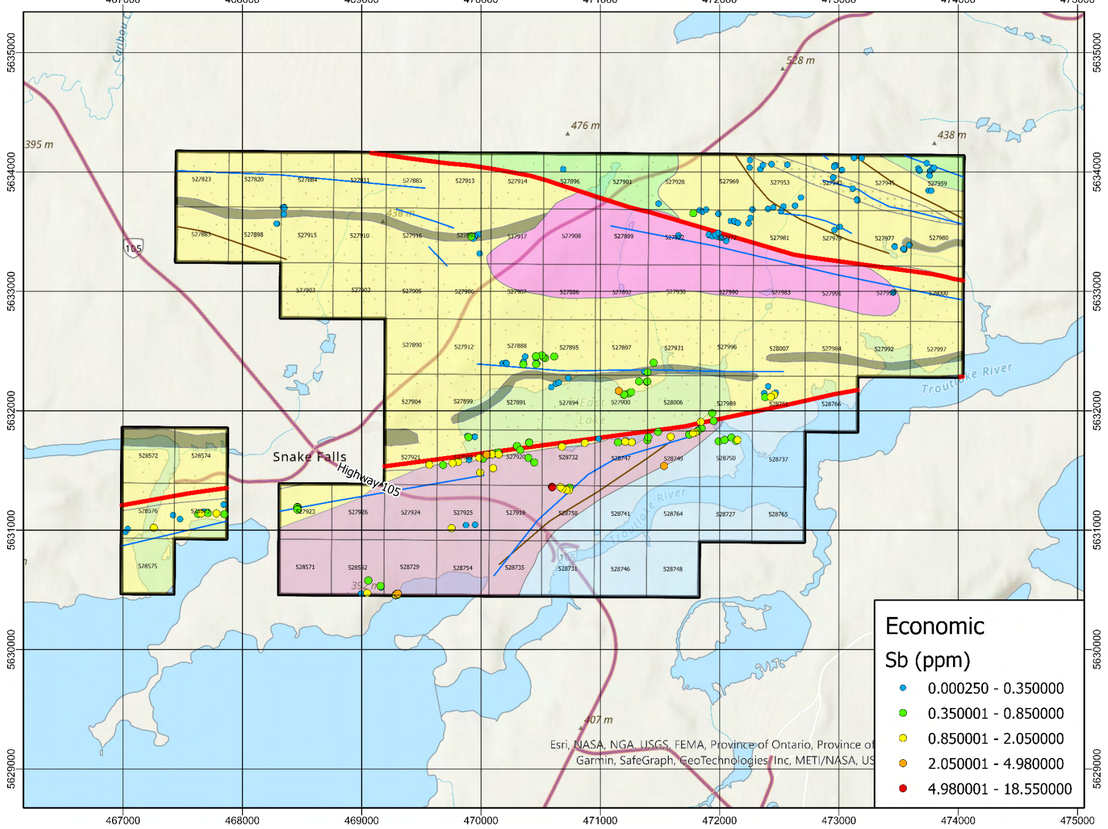
This follow-up rock sampling of bedrock was successful in identifying source of pathfinder element anomalism (As, Sb, Ag) in previous work. This anomalism displays weak clustering proximal to the Snake Fall shear zone. Specifically, within the diorite intrusion and along the contact between the intrusion and felsic volcaniclastic rocks to the north. The source of anomalism proximal to the Snake Falls shear zone - is deemed to be quartz ± carbonate ± sulphide veining and associated chlorite-carbonate alteration of the host rock. While localized anomalism is being observed on the property, the scale and consistency of said anomalies are weak.

To-date (including precursor work) a total of 427 (310 this report, 117 previous work) have been taken from the LP Property and analyzed for gold. The highest gold value returned from sampling was 0.226 ppm, associated with carbonate veining and trace (<1%) disseminated pyrite hosted within a felsic volcaniclastic rock on the north-sore of East Lake. The carbonate veining was observed to be thin (<10 mm) and discontinuous.

Based on the results of detailed sampling of the property while pathfinder anomalism is deemed to present its observed expression is weak and discontinuous. This coupled with lack of economic gold values identified on the property has led to the belief of the absence of an economic gold system on the property.







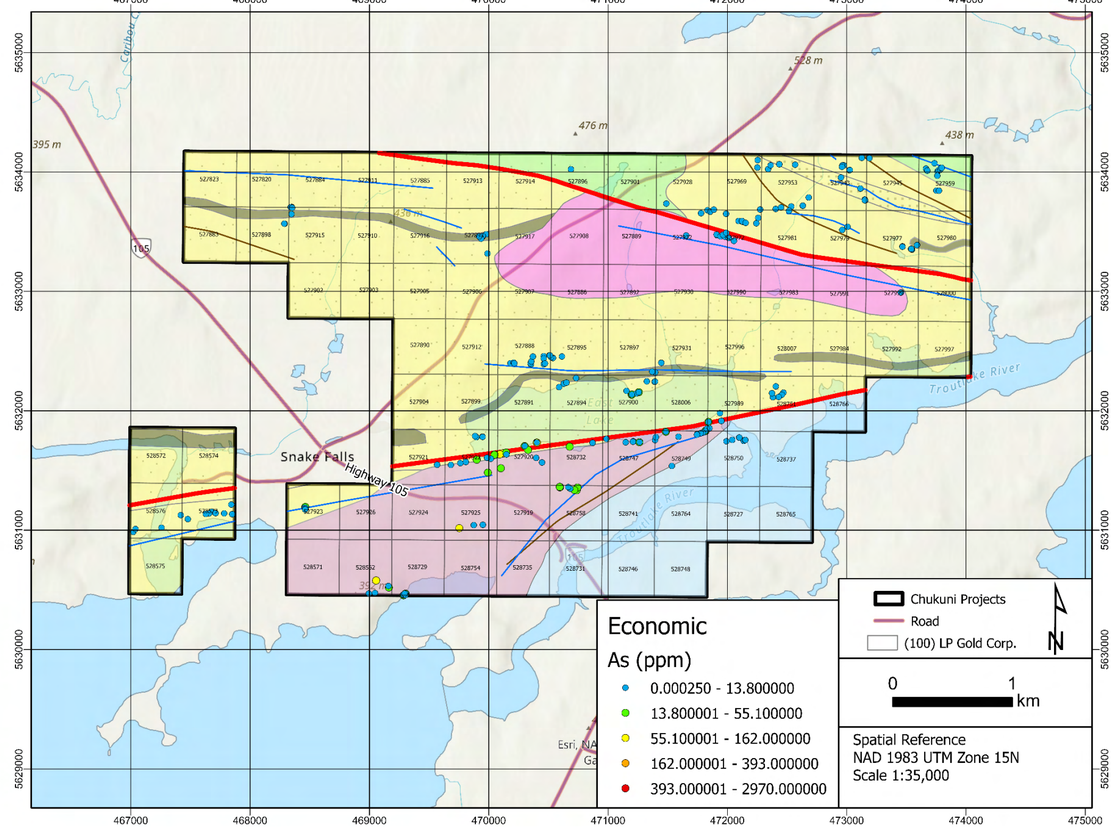


Figure 11. Rock geochemistry of Au, Ag, As, Sb for the LP Gold properties.

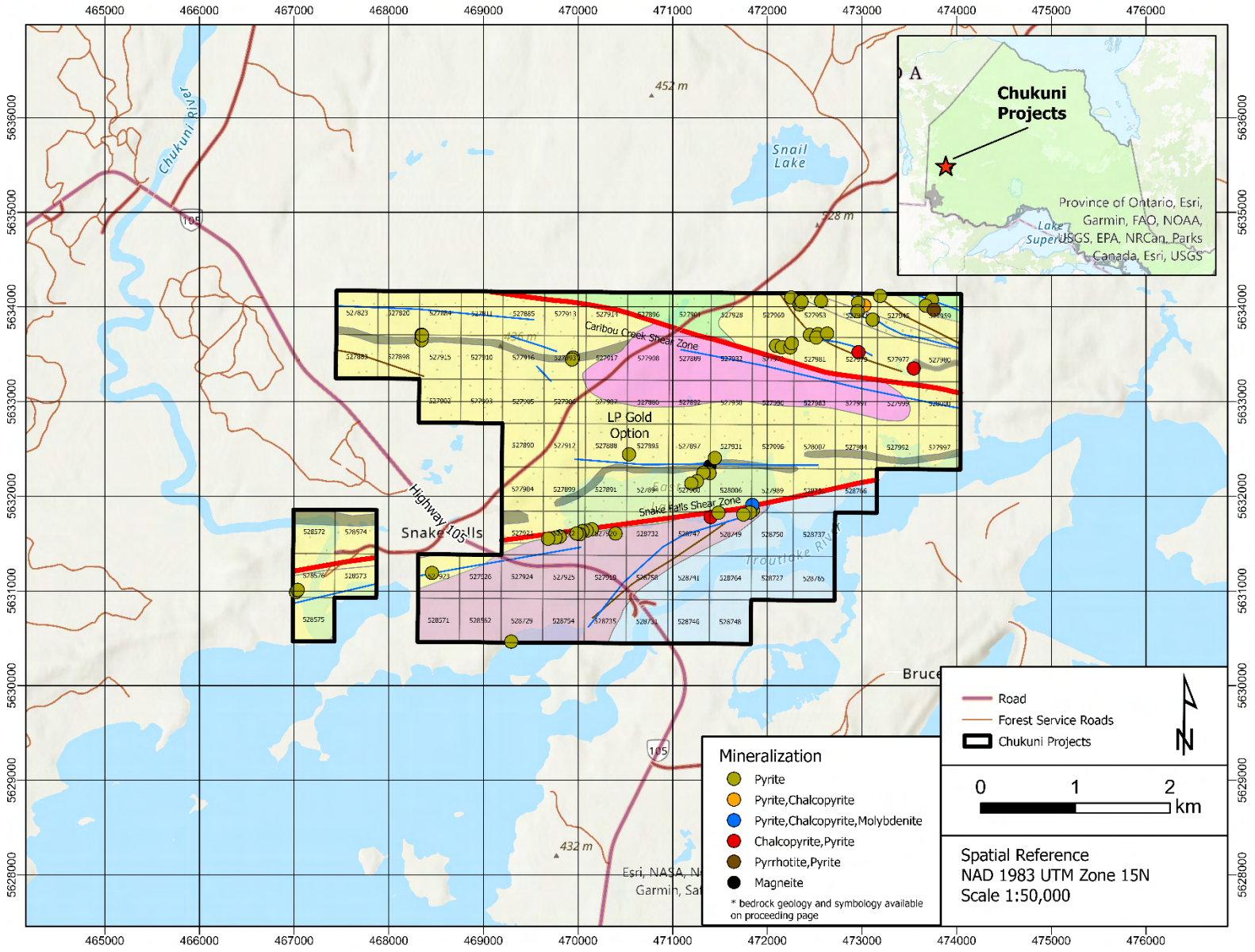


Figure 12. Interpreted bed rock geology including noted occurrences of mineralization on the LP gold property.

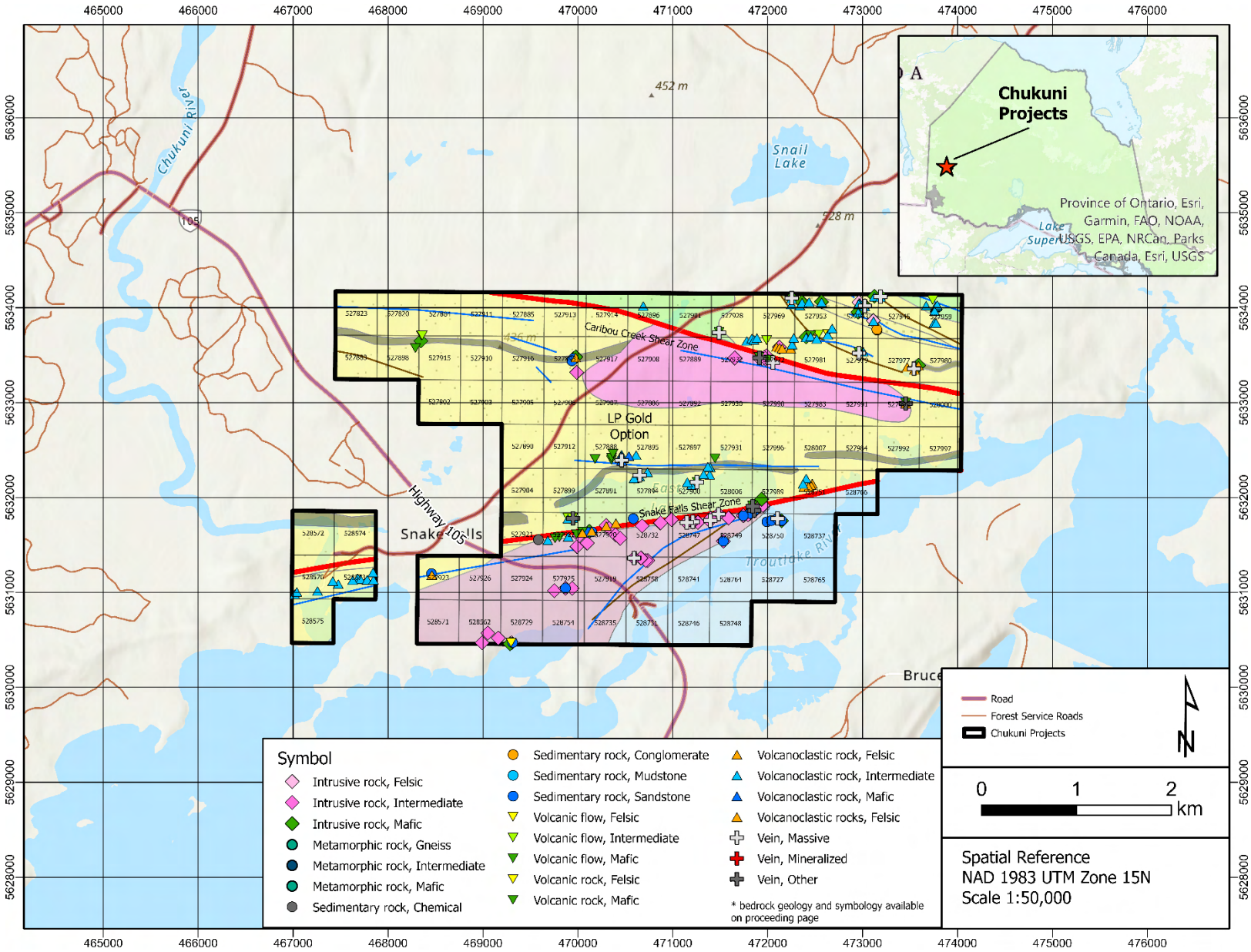


Figure 13. Interpreted bedrock geology including lithology coded rock samples on the LP Gold property.

Geology Legend for Figure 14 (surficial units not presented in Figure 14

12.0 Summary and Recommendations

Between August 11th and September 1st, Barrick and its contractors conducted a property-scale follow-up program designed to test anomalous areas of the property for mineralization, whether gold or otherwise. This was accomplished through high density mapping and sampling of the property resulting in 310 bedrock samples accompanied by 229 geological observation points.

Sampling and mapping of the property resulted in the identification of anomalous veining and alteration within the southern diorite intrusion and associated with the Snake Falls shear zone. This anomalism, however, was deemed to be weakly pronounced, localized spatially and discontinuous in nature.

Based on program results, it is recommended that no further work be completed on the property. This recommendation is due to thoroughness of sampling conducted to-date and lack of economic gold mineralization.

13.0 Statement of Costs

The major categories of costs incurred during this work program are summarized in Table 7. A cost breakdown of per claim expenditure is provided in Appendix A. Personnel costs summarized below are further characterized in Appendix B. Other costs are characterized in Appendix F and G.

Table 7. Summary of incurred expenses from the 2022 LP Gold property field program.

Rock Sample Allocation			
WBS Element	**Cost Type**	**Cost Description**	**Cost Sub Totals**
G0220.0001.1.18.10			
	PERSONNEL		
		Personnel	$ 68,328.93
G0220.0001.1.17.40			
	LOGISTICS		
		Gas	$ 765.75
		Hotel	$ 20,696.13
		Meals	$ 4,203.85
		Travel Meals	$ 705.45
		Sample shipment	$ 275.61
G0220.0001.1.17.60			
	TECHNICAL STUDIES		
		Assay Charges	$ 25,538.77
		LP Gold Property: Grand Total	**$ 120,514.49**

14.0 Qualifications of Author

I, Joseph Vrzovski, do hereby certify that:

1. I hold a Master of Science degree in Geology (2018) from Lakehead University, Ontario.

2. I am a member of the Professional Geologists of Ontario (PGO, P. Geo registration # 3634).

3. Barrick Gold Inc. currently employs me in the role of Exploration Geologist, based in Thunder Bay, Ontario.

4. I have practiced my profession as Geologist continuously since 2018. I have prepared reports, designed, and conducted exploration programs throughout my career.

5. I am responsible for the preparation of this report titled “2022 Work Report on Follow-Up Geological Mapping, Prospecting on the LP Gold Property, Red Lake, Ontario”.

6. I have visited and worked on the Property.

Dated at Thunder Bay, Ontario, this 21st day of September 2022.

Joseph Vrzovski, MSc., P. Geo (#3634)

(Signed and sealed)

15.0 References

Bowen, R.P, 1989. Slate Lake Area, District of Kenora (Patricia Portion); Ontario Geological Survey, Map 2517, Precambrian Geology Series, scale 1:31 680. Geology 1980

Breaks, F.W., Bond, W.D., Stone, Denver, Harris, N., and Desnoyers, D.W. (1976) Operation Kenora-Ear Falls, Papaonga-Wapesi Lakes Sheet, District of Kenora; Ontario Div. Mines, Prelim. Map P.1200, Geol. Ser., scale 1:63 360. Geology 1975

Chapman, R., Curry, G., and Sopuck, V., 1990. The Bakos deposit discovery—a case history; *in* Beck, L.S. and Harper, C.T., (eds.), Modern exploration techniques: Saskatchewan Geological Society, Special Publication v.10, p. 195-212.

Cummings, D, 2021. Surficial geology field check, Uchi. Red Lake Region Ontario. DCGeo Applied Sedimentary Geology.

Dubé, B., Mercier-Langevin, P., Ayer, J., Atkinson, B., and Monecke, T., 2017. Orogenic Greenstone-Hosted Quartz-Carbonate Gold Deposits of the Timmins-Porcupine Camp: Economic Geology, v. 19, p 51-79.

Geoffroy, J.; Wignall, T. K., 1971. A probabilistic appraisal of mineral resources in a portion of the Grenville Province of the Canadian Shield; Economic Geology. 66 (3): 466–479.

Groves, D.I., Goldfarb, R.J., Gebre-Mariam, M., Hagemann, S.G., and Robert, F., 1997. Orogenic gold deposits: A proposed classification in the context of their crustal distribution and relationship to other gold deposit types; Ore Geology Reviews, v. 13, p. 7-27.

Levinson, A. A., 1974. Introduction to Exploration Geochemistry; Applied Publishing Ltd., Wilmette, Illinois, 614p.

Madon, Z., 2012. Report on the 2010 Exploration Activities, Hammond Reef Property, Thunder Bay, Ontario, Ontario MINISTRY OF NORTHERN DEVELOPMENT AND MINES, Assessment Report, 43p.

MacLean, V., 2022. 2022 Chukuni Work Report: Report of Remote Sensing LiDAR Survey and Surficial Geological Interpretation on the Chukuni Property, NAD1983 UTM Zone 15N, Red Lake Mining District, Ontario, Assessment Report, 104 p.

Moon, C. J., Whateley, M. K. G., and Evans, A. M (eds), 2006. Introduction to Mineral Exploration; Blackwell Publishing.

Sandborn-Barrie, M., Rogers, N., Skulski, T., Parker, J., McNicoll, V. and Devaney, J., 2004. Geology and Tectonostratigraphic Assemblages, East Uchi Subprovince, Red Lake and Birch-Uchi belts, Ontario; Geological Survey of Canada, Open File 4256; Ontario Geological Survey, Preliminary Map P.3460, scale 1:250 000.

Sandborn-Barrie, M., Skulski, T., Parker., 2001. Three hundred million years of tectonic history recorded by Red Lake greenstone belt, Ontario; Geological Survey of Canada, Current Research 2001-C19, 19 p

Tsuyoshi Iizuka, et al., 2007. Geology and Zircon Geochronology of the Acasta Gneiss Complex, Precambrian Research, 153 (2007) pp. 179 - 208

Zoltai, S. C., 1960. Surficial Geology of the Kenora-Rainy River area, Western Ontario, Ontario Department of Lands and Forests, Map s165, scale 1 :500,000.

Appendix A: Claims list of the LP Gold property

TENURE_NUM	ISSUE_DATE	ANNIVERSARY	HOLDER	Number of Samples	% Contribution	Cost per Claim	TITLE_TYPE	TITLE_TY_1	TENURE_STA	TENURE_S_1	EXTENSION_	CLAIM_DUE_
527943	8/23/2018	8/23/2022	(100) LP Gold Corp.	18	5.96%	$ 7,182.98	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527945	8/23/2018	8/23/2022	(100) LP Gold Corp.	1	0.33%	$ 399.05	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527953	8/23/2018	8/23/2022	(100) LP Gold Corp.	14	4.64%	$ 5,586.76	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527959	8/23/2018	8/23/2022	(100) LP Gold Corp.	13	4.30%	$ 5,187.71	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527969	8/23/2018	8/23/2022	(100) LP Gold Corp.	8	2.65%	$ 3,192.44	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527972	8/23/2018	8/23/2022	(100) LP Gold Corp.	18	5.96%	$ 7,182.98	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527977	8/23/2018	8/23/2022	(100) LP Gold Corp.	8	2.65%	$ 3,192.44	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527979	8/23/2018	8/23/2022	(100) LP Gold Corp.	3	0.99%	$ 1,197.16	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527980	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527981	8/23/2018	8/23/2022	(100) LP Gold Corp.	1	0.33%	$ 399.05	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527883	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527884	8/23/2018	8/23/2022	(100) LP Gold Corp.	3	0.99%	$ 1,197.16	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527885	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527886	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527888	8/23/2018	8/23/2022	(100) LP Gold Corp.	16	5.30%	$ 6,384.87	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527889	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527890	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527891	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527892	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527893	8/23/2018	8/23/2022	(100) LP Gold Corp.	9	2.98%	$ 3,591.49	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527894	8/23/2018	8/23/2022	(100) LP Gold Corp.	4	1.32%	$ 1,596.22	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527895	8/23/2018	8/23/2022	(100) LP Gold Corp.	5	1.66%	$ 1,995.27	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527896	8/23/2018	8/23/2022	(100) LP Gold Corp.	1	0.33%	$ 399.05	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527897	8/23/2018	8/23/2022	(100) LP Gold Corp.	4	1.32%	$ 1,596.22	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527898	8/23/2018	8/23/2022	(100) LP Gold Corp.	2	0.66%	$ 798.11	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527899	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527900	8/23/2018	8/23/2022	(100) LP Gold Corp.	14	4.64%	$ 5,586.76	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527901	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527902	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527903	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527904	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527905	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527906	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527907	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527908	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527910	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527911	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527912	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527913	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527914	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527915	8/23/2018	8/23/2022	(100) LP Gold Corp.	3	0.99%	$ 1,197.16	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527916	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527917	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527919	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527920	8/23/2018	8/23/2022	(100) LP Gold Corp.	15	4.97%	$ 5,985.82	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527921	8/23/2018	8/23/2022	(100) LP Gold Corp.	1	0.33%	$ 399.05	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527922	8/23/2018	8/23/2022	(100) LP Gold Corp.	18	5.96%	$ 7,182.98	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527923	8/23/2018	8/23/2022	(100) LP Gold Corp.	8	2.65%	$ 3,192.44	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527924	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527925	8/23/2018	8/23/2022	(100) LP Gold Corp.	4	1.32%	$ 1,596.22	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527926	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527928	8/23/2018	8/23/2022	(100) LP Gold Corp.	2	0.66%	$ 798.11	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527930	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527931	8/23/2018	8/23/2022	(100) LP Gold Corp.	2	0.66%	$ 798.11	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527932	8/23/2018	8/23/2022	(100) LP Gold Corp.	3	0.99%	$ 1,197.16	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527983	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527984	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527989	8/23/2018	8/23/2022	(100) LP Gold Corp.	15	4.97%	$ 5,985.82	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022

TENURE_NUM	ISSUE_DATE	ANNIVERSARY	HOLDER	Number of Samples	% Contribution	Cost per Claim	TITLE_TYPE	TITLE_TY_1	TENURE_STA	TENURE_S_1	EXTENSION_	CLAIM_DUE_
527990	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527991	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527992	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527996	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527997	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527999	8/23/2018	8/23/2022	(100) LP Gold Corp.	3	0.99%	$ 1,197.16	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
528000	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
528006	8/23/2018	8/23/2022	(100) LP Gold Corp.	7	2.32%	$ 2,793.38	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
528007	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527820	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
527823	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
528562	8/23/2018	8/23/2022	(100) LP Gold Corp.	5	1.66%	$ 1,995.27	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
528571	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
528727	8/24/2018	8/24/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528729	8/24/2018	8/24/2022	(100) LP Gold Corp.	12	3.97%	$ 4,788.66	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528731	8/24/2018	8/24/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528732	8/24/2018	8/24/2022	(100) LP Gold Corp.	3	0.99%	$ 1,197.16	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528735	8/24/2018	8/24/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528737	8/24/2018	8/24/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528741	8/24/2018	8/24/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528746	8/24/2018	8/24/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528747	8/24/2018	8/24/2022	(100) LP Gold Corp.	9	2.98%	$ 3,591.49	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528748	8/24/2018	8/24/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528749	8/24/2018	8/24/2022	(100) LP Gold Corp.	10	3.31%	$ 3,990.55	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528750	8/24/2018	8/24/2022	(100) LP Gold Corp.	9	2.98%	$ 3,591.49	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528751	8/24/2018	8/24/2022	(100) LP Gold Corp.	8	2.65%	$ 3,192.44	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528754	8/24/2018	8/24/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528758	8/24/2018	8/24/2022	(100) LP Gold Corp.	11	3.64%	$ 4,389.60	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528764	8/24/2018	8/24/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528765	8/24/2018	8/24/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528766	8/24/2018	8/24/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/24/2022
528572	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
528573	8/23/2018	8/23/2022	(100) LP Gold Corp.	8	2.65%	$ 3,192.44	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
528574	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
528575	8/23/2018	8/23/2022	(100) LP Gold Corp.	0	0.00%	$ -	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
528576	8/23/2018	8/23/2022	(100) LP Gold Corp.	4	1.32%	$ 1,596.22	SCMC	Single Cell Mining Claim	A	Active	<Null>	8/23/2022
Totals				**302**	**100%**	**$120,514.49**						

Appendix B: Barrick headcount summary

BARRICK GOLD CORPORATION
161 Bay Street, Suite 3700
Toronto, ON M5J 2S1

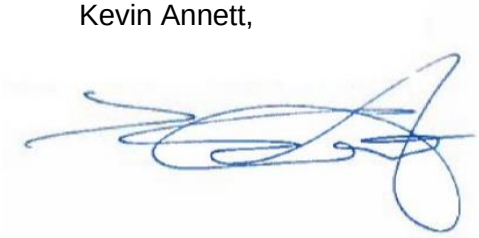
Tel +1 416 861 9911
Fax +1 416 861 2482

www.barrick.com

To whom it may concern,

I, Kevin Annett, Vice President, Chief Financial Officer, North America of Barrick Gold Corp., have reviewed the head count summary data and the salary input data that is used to calculate the overall salary expenses submitted in the assessment report (*" 2022 Work Report on Phase 2 Geological Mapping and Surficial Sampling on the LP Gold Property, Red Lake, Ontario"*) on LP Gold Inc.'s LP Gold property and declare that, to the best of my knowledge, the information therein is true, and complete representation of salaries for those contributing to the LP Gold property evaluation.

Kevin Annett,



October 19, 2022

	8/11/2022	8/12/2022	8/13/2022	8/14/2022	8/15/2022	8/16/2022	8/17/2022	8/18/2022	8/19/2022	8/20/2022	8/21/2022	8/22/2022	8/23/2022	8/24/2022	8/25/2022	8/26/2022	8/27/2022	8/28/2022	8/29/2022	8/30/2022	8/31/2022	Total ($CAD)
GELINAS, Brigitte		1	1	1	1	1				1	1	1	1			1	1	1	1	1	1	$ 12,133.35
VRZOVSKI, Joey		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	$ 16,177.80
GRIESEL, Gerry	1	1	1															1	1	1	1	$ 5,164.46
MOSCHETTI, Dustin															1	1	1					$ 2,213.34
LUECK,Lilly	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	$ 12,542.26
RADOUANT, Lea												1	1	1	1	1	1	1	1	1	1	$ 5,582.70
HUNT, Leslie													1	1	1	1	1	1	1	1	1	$ 5,024.43
HENDERSON, Paul					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	$ 9,490.59
																						$ 68,328.93
Total Barrick Salary - Canadian	0	2	2	2	2	2	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	35
Total Barrick Salary - American	2	2	1	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	27
Total Barrick Contract Geo	0	0	0	0	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	36
Total Headcount	2	4	3	2	3	3	3	3	3	4	4	5	6	5	6	7	7	7	7	7	7	98

Rates ($CAD)	
Company Code	Daily Rate
Barrick Salary - Canadian	$ 808.89
Barrick Salary - American	$ 737.78
Barrick Contract Geo	$ 558.27

Appendix C: Rock sample descriptions

Sample ID	Date Taken	Easting	Northing	Cordinate System	Sample Type	Sample Notes	Lithology Type	Broad Classification	Type Classification	Minor Name
F638793	8/12/2022	471778.4951	5633656.42	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	
F638794	8/12/2022	471832.4795	5633681.333	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	Tuff
F638795	8/12/2022	471855.5194	5633668.049	UTM Zn 15N	Economic	Mixed sample with Qz vein and host.	Volcaniclastic rock	Intermediate		
F638797	8/12/2022	471988.1152	5633651.024	UTM Zn 15N	Economic		Subvolcanic rock	Intermediate		
F638798	8/12/2022	471886.0022	5633686.048	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		
F638799	8/12/2022	471653.5865	5633469.35	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Quartz diorite	
F638800	8/12/2022	471912.5254	5633470.54	UTM Zn 15N	Economic	Tonalite with Qz and epidote veining	Plutonic rock	Felsic	Tonalite	
F638807	8/12/2022	471909.5141	5633477.785	UTM Zn 15N	Economic	Mafic w epidote	Volcanic flow	Mafic	Basalt	
F638808	8/12/2022	471909.3958	5633477.6	UTM Zn 15N	Economic	Qz vein w some host rock.	Vein	Other		
F638809	8/12/2022	471941.9297	5633462.412	UTM Zn 15N	Economic		Plutonic rock	Felsic	Tonalite	
F638810	8/12/2022	471981.0946	5633458.494	UTM Zn 15N	Economic	Kspar dike with some Qz vein	Plutonic rock	Intermediate	Quartz diorite	
F638811	8/12/2022	472011.4305	5633449.063	UTM Zn 15N	Economic		Volcanic flow	Mafic		
F638812	8/12/2022	472054.0037	5633424.37	UTM Zn 15N	Economic		Vein	Massive		
F638813	8/12/2022	471487.6325	5633736.776	UTM Zn 15N	Economic		Volcanic flow	Mafic	Basalt	
F638814	8/12/2022	471487.5162	5633736.962	UTM Zn 15N	Economic		Vein	Massive		
F032674	8/13/2022	470688.4441	5634024.233	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	Lapilli tuff
F032675	8/13/2022	469978.2677	5633480.049	UTM Zn 15N	Economic		Volcaniclastic rock	Felsic	Dacite	Crystal tuff
F032676	8/13/2022	469978.3861	5633480.234	UTM Zn 15N	Economic		Plutonic rock	Mafic	Gabbro	
F032677	8/13/2022	469950.0103	5633462.791	UTM Zn 15N	Economic		Sedimentary rock	Chemical	Banded iron formation	
F032678	8/13/2022	469946.8598	5633465.774	UTM Zn 15N	Economic	Trace py	Sedimentary rock	Sandstone	Wacke	
F032679	8/13/2022	469947.0923	5633465.402	UTM Zn 15N	Economic	Wk ep	Sedimentary rock	Sandstone	Wacke	
F032680	8/13/2022	469946.7425	5633465.775	UTM Zn 15N	Economic Duplicate		Sedimentary rock	Sandstone	Wacke	
F032681	8/13/2022	469947.2118	5633465.772	UTM Zn 15N	Economic		Plutonic rock	Intermediate		
F032683	8/13/2022	469917.6289	5633462.792	UTM Zn 15N	Economic	More of the same magnetic seds along strike + epidote	Sedimentary rock	Chemical	Banded iron formation	
F032682	8/13/2022	469935.5837	5633443.228	UTM Zn 15N	Economic		Sedimentary rock	Sandstone	Wacke	
F032684	8/13/2022	469988.1296	5633318.561	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F032685	8/14/2022	467678.1237	5631155.766	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F032691	8/14/2022	467653.6158	5631140.721	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F032686	8/14/2022	467709.2712	5631143.711	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F032687	8/14/2022	467781.094	5631141.783	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F032688	8/14/2022	467849.2509	5631135.431	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F032689	8/14/2022	467840.9415	5631215.364	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F032692	8/14/2022	467627.7719	5631137.36	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F032693	8/14/2022	467477.3741	5631093.816	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F032694	8/14/2022	467417.8386	5631127.364	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F032695	8/14/2022	468459.8168	5631188.594	UTM Zn 15N	Economic	Host intermediate to dacite tuff	Volcaniclastic rock	Felsic	Dacite	Tuff
F032696	8/14/2022	468461.2669	5631195.443	UTM Zn 15N	Economic	Host intermediate to dacite tuff with xcutting milky white qtz vein	Volcaniclastic rock	Felsic	Dacite	Tuff
F032697	8/14/2022	468457.0179	5631191.577	UTM Zn 15N	Economic	Rusty seds with trace diss py	Sedimentary rock	Sandstone	Wacke	
F032698	8/14/2022	468458.66	5631191.381	UTM Zn 15N	Economic	Seds with subparallel to fol qtz vein	Sedimentary rock	Sandstone	Wacke	
F032699	8/14/2022	468465.5479	5631185.223	UTM Zn 15N	Economic	Host intermediate to dacite tuff next to carbonate altered rusty zone parallel to fol	Volcaniclastic rock	Felsic	Dacite	Tuff
F638822	8/14/2022	468465.3119	5631185.039	UTM Zn 15N	Economic	Carb alt rusty zone trace py	Volcaniclastic rock	Felsic	Dacite	Tuff
F638823	8/14/2022	468463.7401	5631177.45	UTM Zn 15N	Economic	Bx??? With epi amd wk carb matrix	Volcaniclastic rock	Felsic	Dacite	Tuff
F638824	8/14/2022	468460.6704	5631174.503	UTM Zn 15N	Economic	Rusty carb alt in host int to dacite tuff	Volcaniclastic rock	Felsic	Dacite	Tuff
F638825	8/15/2022	469055.4011	5630579.885	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F638826	8/15/2022	468993.7062	5630470.346	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F638827	8/15/2022	469045.2657	5630474.487	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F638828	8/15/2022	469162.1072	5630520.314	UTM Zn 15N	Economic	Diorite with late qtz vein	Plutonic rock	Intermediate	Diorite	
F638829	8/15/2022	469158.5451	5630533.309	UTM Zn 15N	Economic	Diorite	Plutonic rock	Intermediate	Diorite	
F638830	8/15/2022	469158.5451	5630533.309	UTM Zn 15N	Economic Duplicate	Dup of diorite	Plutonic rock	Intermediate	Diorite	
F638832	8/15/2022	469302.2054	5630469.259	UTM Zn 15N	Economic	Felsic dyke and seds xeno	Plutonic rock	Felsic	Tonalite	
F638831	8/15/2022	469302.6738	5630469.07	UTM Zn 15N	Economic	Seds	Sedimentary rock	Sandstone	Arenite	
F638833	8/15/2022	469285.5859	5630457.866	UTM Zn 15N	Economic	Mod foliated xenolithic diorite	Plutonic rock	Intermediate	Diorite	
F638834	8/15/2022	469284.8674	5630455.46	UTM Zn 15N	Economic	Strongly foliated diorite with trace py and few qtz stringers parallel to fol	Plutonic rock	Intermediate	Diorite	
F638835	8/15/2022	469284.6132	5630457.023	UTM Zn 15N	Economic	Strongly foliated diorite with 30% qtz veining parallel to fol, wk py n sample.	Plutonic rock	Intermediate	Diorite	
F638836	8/15/2022	469284.7499	5630455.461	UTM Zn 15N	Economic	In guts of shear veins and fg chl-bio host, veins are more translucent. 5% fg diss py in vein and host rock.	Vein	Shear		
F638837	8/15/2022	469284.9836	5630455.274	UTM Zn 15N	Economic	Sample is 60% shear vein (thin veins with 1% py) and host fg bio-chl seds?	Vein	Shear		
F638838	8/15/2022	469285.7065	5630458.421	UTM Zn 15N	Economic	99% core of shear vein, no pyrite	Vein	Shear		
F638839	8/15/2022	469288.0434	5630456.554	UTM Zn 15N	Economic	75% shear vein and bio-chl host rock. Trace py.	Vein	Shear		
F638841	8/15/2022	469284.073	5630460.099	UTM Zn 15N	Economic	70% mafic dyke, 30% qtz veins	Plutonic rock	Mafic	Gabbro	
F638842	8/15/2022	469299.6724	5630457.782	UTM Zn 15N	Economic	Sheared diorite near waters edge	Plutonic rock	Intermediate	Diorite	
F638843	8/15/2022	469293.8653	5630468.381	UTM Zn 15N	Economic	Feld porphyry	Subvolcanic rock	Felsic	Feldspar-phyric porphyry	
F638707	8/16/2022	471847.4617	5631853.808	UTM Zn 15N	Economic	Weakly foliated diorite outside shearing	Plutonic rock	Intermediate	Diorite	
F638708	8/16/2022	471847.578	5631853.622	UTM Zn 15N	Economic	Discrete shear in diorite with white qtz veining and trace py	Plutonic rock	Intermediate	Diorite	
F638709	8/16/2022	471847.6953	5631853.621	UTM Zn 15N	Economic	Fg int dyke or seds?	Sedimentary rock	Sandstone	Wacke	
F638711	8/16/2022	471847.579	5631853.807	UTM Zn 15N	Economic	Flat tension vein	Vein	Other		
F638712	8/16/2022	471847.6973	5631853.992	UTM Zn 15N	Economic	Shear vein and host rock fg int dyke/seds	Vein	Shear		
F638713	8/16/2022	471847.8127	5631853.62	UTM Zn 15N	Economic	Shear vein and 15% host diorite, poss some flat vein	Vein	Shear		
F638714	8/16/2022	471848.5219	5631854.543	UTM Zn 15N	Economic	Shear vein	Vein	Shear		
F638715	8/16/2022	471848.5229	5631854.728	UTM Zn 15N	Economic	Alt veins or Felsic dykes in int dyke/seds?	Sedimentary rock	Sandstone	Wacke	
F638716	8/16/2022	471840.4794	5631908.15	UTM Zn 15N	Economic	50/50 vein/diorite. 5% py along vein margins	Plutonic rock	Intermediate	Diorite	
F638717	8/16/2022	471840.2437	5631907.966	UTM Zn 15N	Economic	Chaotic veiningnin amph rich pod	Vein	Other		
F638718	8/16/2022	471840.1264	5631907.966	UTM Zn 15N	Economic	Mafic enclave with trace py	Volcanic flow	Mafic	Basalt	
F638719	8/16/2022	471826.7889	5631850.583	UTM Zn 15N	Economic	Mod fol diorite with 10% thin qtz veining parallel to fol	Plutonic rock	Intermediate	Diorite	
F638721	8/16/2022	471815.1916	5631832.854	UTM Zn 15N	Economic	Sheared diorite	Plutonic rock	Intermediate	Diorite	
F638722	8/16/2022	471815.4283	5631833.223	UTM Zn 15N	Economic	Diorite sliver with some seds attached	Plutonic rock	Intermediate	Diorite	
F638723	8/16/2022	471815.658	5631832.295	UTM Zn 15N	Economic	Sheared seds	Sedimentary rock	Sandstone	Wacke	
F638724	8/16/2022	471815.656	5631831.924	UTM Zn 15N	Economic	Rusty sheared seds	Sedimentary rock	Sandstone	Wacke	
F638725	8/16/2022	471815.8877	5631831.367	UTM Zn 15N	Economic	Rusty sheared seds with minor qtz veining and 1% diss py	Sedimentary rock	Sandstone	Wacke	
F638726	8/16/2022	471815.8867	5631831.182	UTM Zn 15N	Economic	Rusty sheared seds with qtz veining parallel to shear, trace py	Sedimentary rock	Sandstone	Wacke	
F638727	8/17/2022	471991.1108	5631744.98	UTM Zn 15N	Economic	Seds	Sedimentary rock	Sandstone	Arenite	
F638728	8/17/2022	472039.9987	5631757.135	UTM Zn 15N	Economic	Seds	Sedimentary rock	Sandstone	Arenite	
F638729	8/17/2022	472098.0782	5631776.283	UTM Zn 15N	Economic	Seds	Sedimentary rock	Sandstone	Arenite	
F638730	8/17/2022	472097.9608	5631776.284	UTM Zn 15N	Economic Duplicate	Seds Dup	Sedimentary rock	Sandstone	Arenite	
F638731	8/17/2022	472099.9569	5631776.459	UTM Zn 15N	Economic	Qtz vein	Vein	Massive		
F638732	8/17/2022	472146.2052	5631756.009	UTM Zn 15N	Economic	Wacke no veining	Sedimentary rock	Sandstone	Wacke	
F638733	8/17/2022	472147.0266	5631756.004	UTM Zn 15N	Economic	Wacke with bleached alt and red staining	Sedimentary rock	Sandstone	Wacke	
F638735	8/17/2022	472147.144	5631756.004	UTM Zn 15N	Economic	Arenite	Sedimentary rock	Sandstone	Arenite	
F638736	8/17/2022	472149.6105	5631756.361	UTM Zn 15N	Economic	Gabbro	Plutonic rock	Mafic	Gabbro	
F638734	8/17/2022	472136.1919	5631749.02	UTM Zn 15N	Economic	Wacke with veining	Sedimentary rock	Sandstone	Wacke	
F638737	8/17/2022	471949.6635	5631915.715	UTM Zn 15N	Economic	Diorite with qtz veining	Plutonic rock	Intermediate	Diorite	
F638738	8/17/2022	471948.6083	5631915.906	UTM Zn 15N	Economic	Diorite and mafic dyke sheared contact	Plutonic rock	Intermediate	Diorite	
F638739	8/17/2022	471937.1104	5631981.763	UTM Zn 15N	Economic	Mafic dyke with boudinaged qtz veining, weak tour in vein?	Plutonic rock	Mafic	Gabbro	
F638741	8/17/2022	471937.1104	5631981.763	UTM Zn 15N	Economic	More qtz veining in mafic dyke	Plutonic rock	Mafic	Gabbro	
F638742	8/17/2022	471793.6359	5631818.329	UTM Zn 15N	Economic	Diorite	Plutonic rock	Intermediate	Diorite	
F638743	8/17/2022	471775.8868	5631813.235	UTM Zn 15N	Economic	Diorite	Plutonic rock	Intermediate	Diorite	
F638744	8/17/2022	471744.8603	5631805.249	UTM Zn 15N	Economic	Diorite with local mafic dyke. Trace diss py	Plutonic rock	Intermediate	Diorite	
F638745	8/17/2022	471744.0197	5631801.732	UTM Zn 15N	Economic	Seds	Sedimentary rock	Sandstone	Wacke	
F638746	8/18/2022	473454.8791	5632992.975	UTM Zn 15N	Economic	Volcaniclastic	Volcaniclastic rock	Felsic	Dacite	
F638747	8/18/2022	473454.1685	5632991.681	UTM Zn 15N	Economic	Mafic	Volcanic flow	Mafic		
F638748	8/18/2022	473453.5808	5632991.499	UTM Zn 15N	Economic	Vein	Vein	Other		
F638749	8/18/2022	472962.0994	5633516.131	UTM Zn 15N	Economic		Volcanic flow	Mafic		
F638551	8/18/2022	472962.0985	5633515.945	UTM Zn 15N	Economic	Qz carb vein	Vein	Massive		

Sample ID	Lithology Form	Additional Minerals (not in name)	Rock Colour	Grain Size	Texture	Deformation	Magnetism
F638793						Moderate	Not Magnetic
F638794			Pink green gray	fine		Moderate	Not Magnetic
F638795			Green gray	very fine		Strong	Not Magnetic
F638797		Chl,Bt	Green gray		Fine_grained	Strong	Weak
F638798				very fine		Strong	Not Magnetic
F638799			Gray	medium		Strong	Not Magnetic
F638800			Pink gray	medium		Strong	
F638807		Ep		very fine		Very Strong	Not Magnetic
F638808		Qz					
F638809		Kfs		very fine			
F638810		Kfs,Chl	Pink gray	medium		Strong	Not Magnetic
F638811				very fine		Strong	Not Magnetic
F638812			White				Not Magnetic
F638813			Brown green gray	very fine			Not Magnetic
F638814	Vein	Qz	White				Not Magnetic
F032674		Qz,Bt	Light gray on weathered and med gray brown on fresh	fine	Foliated	Strong	Not Magnetic
F032675		Ep	Pink on weathered, light gray pink on fresh	fine	Foliated	Strong	Not Magnetic
F032676		Ep	Dark green gray	fine	Foliated	Strong	Not Magnetic
F032677	Bed	Hbl	Light brown and dark gray alternating	fine	Thin_bed,Foliated	Strong	Strong
F032678		Hbl,Bt	Med gray	fine	Foliated	Strong	Not Magnetic
F032679		Hbl,Bt	Med gray	fine	Foliated	Strong	Not Magnetic
F032680		Hbl,Bt	Med gray	fine	Foliated	Strong	Not Magnetic
F032681	Dyke		Med gray	very fine	Foliated	Strong	Not Magnetic
F032683	Bed	Hbl	Light brown and dark gray alternating	fine	Thin_bed,Foliated	Strong	Strong
F032682		Bt	Med gray	fine	Foliated	Strong	Not Magnetic
F032684		Bt	Light gray pink and dark brown	coarse	Foliated	Moderate	Not Magnetic
F032685	Bed		Dark gray blue	fine	Foliated,Medium_bed	Strong	Not Magnetic
F032691	Bed		Dark gray blue	fine	Foliated,Medium_bed	Strong	Not Magnetic
F032686	Bed			fine	Foliated,Medium_bed	Moderate	Not Magnetic
F032687			Med gray blue	fine	Foliated,Thin_bed	Moderate	Not Magnetic
F032688				fine		Moderate	Not Magnetic
F032689		Bt,Cb	Dark blue gray	fine	Foliated	Moderate	Not Magnetic
F032692			Dark blue gray	fine	Foliated,Thin_bed	Moderate	Not Magnetic
F032693			Dark blue gray	fine	Foliated,Thin_bed	Moderate	Not Magnetic
F032694	Bed		Med gray blue	fine	Foliated,Thin_bed	Strong	Not Magnetic
F032695			Light gray beige	fine	Foliated,Medium_bed,Thin_bed	Moderate	Not Magnetic
F032696			Light gray beige	fine	Foliated,Medium_bed,Thin_bed	Moderate	Not Magnetic
F032697			Dark gray on fresh and weathered	very fine	Foliated	Moderate	Not Magnetic
F032698			Dark gray on fresh and weathered	very fine	Foliated	Moderate	Not Magnetic
F032699			Light gray beige	fine	Foliated,Medium_bed,Thin_bed	Moderate	Not Magnetic
F638822			Light gray beige	fine	Foliated,Medium_bed,Thin_bed	Moderate	Not Magnetic
F638823			Light gray beige	fine	Foliated,Medium_bed,Thin_bed	Moderate	Not Magnetic
F638824			Light gray beige	fine	Foliated,Medium_bed,Thin_bed	Moderate	Not Magnetic
F638825		Bt	Salt and pepper	coarse	Foliated	Moderate	Not Magnetic
F638826		Bt	Salt and pepper	coarse	Foliated	Moderate	Not Magnetic
F638827		Bt	Salt and pepper	coarse	Foliated	Moderate	Not Magnetic
F638828		Bt	Salt pepper	coarse	Foliated	Moderate	Not Magnetic
F638829		Bt	Salt pepper	coarse	Foliated	Moderate	Not Magnetic
F638830		Bt	Salt pepper	coarse	Foliated	Moderate	Not Magnetic
F638832	Dyke	Bt	Pink	coarse	Foliated	Moderate	Not Magnetic
F638831		Bt,Ms	Med to light gray	fine	Foliated	Strong	Not Magnetic
F638833	Intrusion	Bt	Salt and pepper	medium	Foliated,Schist	Very Strong	Not Magnetic
F638834	Intrusion	Bt	Salt and pepper	medium	Foliated,Schist	Very Strong	Not Magnetic
F638835	Intrusion	Bt	Salt and pepper	medium	Foliated,Schist	Very Strong	Not Magnetic
F638836	Vein	Cb,Py	White translucent	fine	Laminated	Very Strong	Not Magnetic
F638837	Vein	Cb,Py	White translucent	fine	Laminated	Very Strong	Not Magnetic
F638838	Vein	Cb,Py	White translucent	fine	Laminated	Very Strong	Not Magnetic
F638839	Vein	Cb,Py	White translucent	fine	Laminated	Very Strong	Not Magnetic
F638841	Dyke	Bt,Chl	Dark black green	fine	Foliated,Schist	Very Strong	Not Magnetic
F638842	Intrusion	Bt	Salt and pepper	medium	Foliated,Schist	Very Strong	Not Magnetic
F638843	Dyke	Bt	Dark gray and pink	medium	Porphyritic	Very Strong	Not Magnetic
F638707	Intrusion	Bt	Salt and pepper	medium	Foliated,Equigranular	Moderate	Not Magnetic
F638708	Intrusion	Bt	Salt and pepper	medium	Foliated,Equigranular	Moderate	Not Magnetic
F638709			Med gray	very fine	Foliated	Strong	Not Magnetic
F638711	Vein		White			Moderate	Not Magnetic
F638712	Vein	Tur	White			Strong	Not Magnetic
F638713	Vein	Tur	White			Strong	Not Magnetic
F638714	Vein	Tur	White			Strong	Not Magnetic
F638715			Med gray	very fine	Foliated	Strong	Not Magnetic
F638716		Bt,Amp	Salt pepper	coarse	Foliated	Moderate	Not Magnetic
F638717	Vein		White translucent	fine		Strong	Not Magnetic
F638718	Enclave		Dark green gray	fine	Fine_grained,Foliated	Strong	Not Magnetic
F638719		Bt	Pepper little salt	medium	Foliated	Strong	Not Magnetic
F638721	Intrusion	Bt	Salt pepper	medium	Foliated	Strong	Not Magnetic
F638722	Intrusion	Bt	Salt pepper	medium	Foliated	Strong	Not Magnetic
F638723			Med gray	very fine	Fine_grained	Very Strong	Not Magnetic
F638724			Med gray	very fine	Fine_grained	Very Strong	Not Magnetic
F638725			Med gray	very fine	Fine_grained	Very Strong	Not Magnetic
F638726			Med gray	very fine	Fine_grained	Very Strong	Not Magnetic
F638727			Med gray	fine	Medium_bed	Moderate	Not Magnetic
F638728	Bed		Med gray	fine	Medium_bed	Moderate	Not Magnetic
F638729	Bed		Med gray	fine	Thin_bed	Strong	Not Magnetic
F638730	Bed		Med gray	fine	Thin_bed	Strong	Not Magnetic
F638731	Vein		White to smokey gray	fine		Strong	Not Magnetic
F638732		Mic	Dark gray	fine	Foliated,Laminated	Very Strong	Not Magnetic
F638733		Mic	Dark gray	fine	Foliated,Laminated	Very Strong	Not Magnetic
F638735			Light gray on weathered surface, med gray on fresh	fine	Medium_bed	Moderate	Not Magnetic
F638736		Pl	Dark gray blue	medium	Foliated	Strong	Not Magnetic
F638734		Mic	Dark gray	fine	Foliated,Laminated	Very Strong	Not Magnetic
F638737		Bt	Salt pepper	coarse	Foliated	Strong	Not Magnetic
F638738		Bt	Salt pepper	coarse	Foliated	Strong	Not Magnetic
F638739			Dark blue gray	fine	Foliated	Strong	Not Magnetic
F638741			Dark blue gray	fine	Foliated	Strong	Not Magnetic
F638742		Bt	Salt pepper	coarse	Foliated	Moderate	Not Magnetic
F638743		Bt	Salt pepper	coarse	Foliated	Moderate	Not Magnetic
F638744		Bt	Salt pepper	coarse	Foliated	Strong	Not Magnetic
F638745			Med gray	fine	Medium_bed	Strong	
F638746		Kfs,Amp,Ep	Light pink gray	medium		Moderate	Not Magnetic
F638747		Ep,Chl,Bt		very fine		Moderate	Not Magnetic
F638748							Not Magnetic
F638749			Green gray	very fine		Strong	Strong
F638551			Green gray Qz vein				Not Magnetic

Sample ID	Date Taken	Easting	Northing	Cordinate System	Sample Type	Sample Notes	Lithology Type	Broad Classification	Type Classification	Minor Name
F638552	8/18/2022	473006.5844	5633542.588	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		
F638553	8/18/2022	473153.2051	5633763.866	UTM Zn 15N	Economic	Conglomerate host	Sedimentary rock	Conglomerate	Clast-supported	
F638554	8/18/2022	473153.2061	5633764.051	UTM Zn 15N	Economic	Qz tourmaline vein	Sedimentary rock	Conglomerate	Clast-supported	
F638556	8/18/2022	473150.7483	5633765.176	UTM Zn 15N	Economic	Another vein	Sedimentary rock	Conglomerate	Clast-supported	
F638555	8/18/2022	473150.5424	5633770.737	UTM Zn 15N	Economic	Mix of clasts and matrix	Sedimentary rock	Conglomerate	Clast-supported	
F638557	8/19/2022	473735.2533	5634074.301	UTM Zn 15N	Economic	Host plus thin veining	Volcanic flow	Intermediate		Massive
F638558	8/19/2022	473663.8194	5634029.44	UTM Zn 15N	Economic	host with sulphides some carb	Volcaniclastic rock	Intermediate		Lapilli tuff
F638559	8/19/2022	473663.4656	5634029.071	UTM Zn 15N	Economic	Host plus Qz epidote sulphide veins	Volcaniclastic rock	Intermediate		Lapilli tuff
F638561	8/19/2022	473674.5281	5634012.891	UTM Zn 15N	Economic	Strong epidote Qv veining in host	Volcaniclastic rock	Intermediate		Lapilli tuff
F638562	8/19/2022	473760.7089	5634004.485	UTM Zn 15N	Economic	Crystal tuffpl	Volcaniclastic rock	Intermediate		Crystal tuff
F638563	8/19/2022	473768.5073	5634015.566	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F638564	8/19/2022	473782.3738	5634020.315	UTM Zn 15N	Economic	Lipitor tuff	Volcaniclastic rock	Intermediate		Lapilli tuff
F638565	8/19/2022	473788.1939	5634034.557	UTM Zn 15N	Economic	Tuff Bx with epidote replacement	Volcaniclastic rock	Intermediate		Tuff breccia
F638566	8/19/2022	473787.9592	5634034.558	UTM Zn 15N	Economic	Crystal tuff in other location	Volcaniclastic rock	Intermediate		Crystal tuff
F638567	8/19/2022	473796.4184	5634037.11	UTM Zn 15N	Economic	Clean lipili tuff in other area	Volcaniclastic rock	Intermediate		Lapilli tuff
F638568	8/19/2022	473759.1281	5633970.206	UTM Zn 15N	Economic	Composite sample	Volcaniclastic rock	Intermediate		Tuff
F638569	8/19/2022	473750.4023	5633845.146	UTM Zn 15N	Economic	Epidote Qz with trace py veins and host	Volcaniclastic rock	Intermediate		Tuff
F638571	8/19/2022	473772.8069	5633844.662	UTM Zn 15N	Economic	Mod sized Qz vein with so,emhost rock	Volcaniclastic rock	Intermediate		Lapilli tuff
F638572	8/19/2022	473589.9515	5633390.025	UTM Zn 15N	Economic		Plutonic rock	Mafic	Gabbro	
F638573	8/19/2022	473588.5361	5633388.549	UTM Zn 15N	Economic		Volcaniclastic rock	Felsic		Crystal tuff
F638574	8/19/2022	473547.0495	5633351.507	UTM Zn 15N	Economic		Volcaniclastic rock	Felsic		Crystal tuff
F638575	8/19/2022	473544.3614	5633353.559	UTM Zn 15N	Economic		Volcaniclastic rock	Felsic		Tuff
F638576	8/19/2022	473537.691	5633356.929	UTM Zn 15N	Economic		Volcaniclastic rock	Felsic		Crystal tuff
F638577	8/19/2022	473540.5068	5633356.915	UTM Zn 15N	Economic	Qz vein o	Vein	Massive		
F638578	8/19/2022	473465.9977	5633378.423	UTM Zn 15N	Economic	Host	Volcaniclastic rock	Felsic		Crystal tuff
F638579	8/19/2022	473466.2172	5633375.457	UTM Zn 15N	Economic	50 pct Qz vein 50pct host	Volcaniclastic rock	Felsic		Crystal tuff
F638580	8/19/2022	473466.6874	5633375.64	UTM Zn 15N	Economic Duplicate	50 pct Qz vein 50pct host	Volcaniclastic rock	Felsic		Crystal tuff
F638581	8/20/2022	470736.3164	5631335.243	UTM Zn 15N	Economic	Intrusion plun vein comp sample	Plutonic rock	Intermediate	Diorite	
F638582	8/20/2022	470742.6661	5631358.189	UTM Zn 15N	Economic	Fresh diorite sample 20m away	Plutonic rock	Intermediate	Diorite	
F638583	8/20/2022	470716.7295	5631337.763	UTM Zn 15N	Economic	Composite	Plutonic rock	Intermediate	Diorite	
F638584	8/20/2022	470682.5165	5631348.334	UTM Zn 15N	Economic	Host plus alt	Plutonic rock	Intermediate	Diorite	
F638585	8/20/2022	470665.6929	5631362.144	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F638586	8/20/2022	470593.3988	5631363.293	UTM Zn 15N	Economic	Host diorite	Plutonic rock	Intermediate	Diorite	
F638587	8/20/2022	470593.3988	5631363.293	UTM Zn 15N	Economic	Host plus veining	Plutonic rock	Intermediate	Diorite	
F638588	8/20/2022	470594.1082	5631364.216	UTM Zn 15N	Economic	Vein	Vein	Massive		
F638589	8/20/2022	470597.0256	5631361.234	UTM Zn 15N	Economic	Veining more proximal to vein wallpaper	Vein	Massive		
F638591	8/20/2022	470595.6088	5631359.76	UTM Zn 15N	Economic	Vein	Vein	Massive		
F638592	8/20/2022	470595.7251	5631359.574	UTM Zn 15N	Economic	Vein	Vein	Massive		
F638593	8/20/2022	470677.222	5631700.138	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F638594	8/20/2022	470402.2052	5631735.427	UTM Zn 15N	Economic	Main host	Volcaniclastic rock	Felsic		Crystal tuff
F638595	8/20/2022	470402.202	5631734.871	UTM Zn 15N	Economic	Host plus veins	Volcaniclastic rock	Felsic		Crystal tuff
F638596	8/20/2022	470402.7835	5631733.941	UTM Zn 15N	Economic	Much more deformed host	Volcaniclastic rock	Felsic		Crystal tuff
F638597	8/20/2022	470299.813	5631705.8	UTM Zn 15N	Economic	Tuff with Qz carb veins	Volcaniclastic rock	Felsic		Crystal tuff
F638598	8/20/2022	470300.6356	5631705.98	UTM Zn 15N	Economic	Sheared diorite with Qz carb sulfide veins	Plutonic rock	Intermediate	Diorite	
F638599	8/20/2022	470328.5017	5631673.758	UTM Zn 15N	Economic	Vein plus host	Plutonic rock	Intermediate	Diorite	
F638601	8/20/2022	470396.3096	5631606.835	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F638602	8/20/2022	470445.8553	5631568.559	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F638603	8/21/2022	471533.444	5631538.772	UTM Zn 15N	Economic	Diorite	Plutonic rock	Intermediate	Diorite	
F638604	8/21/2022	471533.5613	5631538.771	UTM Zn 15N	Economic	Sed unit	Sedimentary rock	Sandstone		Quartzic
F638605	8/21/2022	471589.2414	5631784.041	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F638606	8/21/2022	471483.0213	5631825.397	UTM Zn 15N	Economic	Qz vein	Vein	Massive		
F638607	8/21/2022	471482.9009	5631824.841	UTM Zn 15N	Economic	Sheared diorite with disseminated py	Plutonic rock	Intermediate	Diorite	
F638608	8/21/2022	471393.3225	5631754.904	UTM Zn 15N	Economic	Diorite and Qz vein along cliff	Vein	Massive		
F638609	8/21/2022	471400.8556	5631780.254	UTM Zn 15N	Economic	Vein and sheared dike	Plutonic rock	Intermediate		
F638611	8/21/2022	471263.6615	5631738.011	UTM Zn 15N	Economic	Diorite intrusion	Plutonic rock	Intermediate	Diorite	
F638612	8/21/2022	471262.1327	5631737.464	UTM Zn 15N	Economic	Dike	Plutonic rock	Intermediate		
F638613	8/21/2022	471210.1858	5631745.535	UTM Zn 15N	Economic	Vein	Vein	Massive		
F638614	8/21/2022	471208.1753	5631742.766	UTM Zn 15N	Economic	Diorite host	Plutonic rock	Intermediate	Diorite	
F638615	8/21/2022	471147.3526	5631737.543	UTM Zn 15N	Economic	Qz vein	Vein	Massive		
F638616	8/21/2022	471146.7628	5631736.99	UTM Zn 15N	Economic	Black mineralized halo of vein in host diorite	Plutonic rock	Intermediate	Diorite	
F638617	8/21/2022	471146.8791	5631736.804	UTM Zn 15N	Economic	Vien plus vein halo in host with pockets of strong ground up pyritization	Plutonic rock	Intermediate	Diorite	
F638618	8/21/2022	470985.3176	5631766.245	UTM Zn 15N	Economic	Vein	Vein	Shear		
F638619	8/21/2022	470869.29	5631732.049	UTM Zn 15N	Economic	Fresh host rock	Plutonic rock	Intermediate	Diorite	
F638621	8/21/2022	470869.4084	5631732.234	UTM Zn 15N	Economic	Qz vein plus dike	Vein	Shear		
F638844	8/21/2022	469991.7415	5631483.307	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F638845	8/21/2022	469991.9774	5631483.491	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F638846	8/21/2022	470100.6354	5631519.933	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F638848	8/21/2022	470148.0139	5631636.054	UTM Zn 15N	Economic		Sedimentary rock	Sandstone	Wacke	
F638849	8/21/2022	470147.4261	5631635.872	UTM Zn 15N	Economic	Mix of carb alt wacke with folded Qz carb vein.	Sedimentary rock	Sandstone	Wacke	
F638850	8/21/2022	470145.4008	5631651.082	UTM Zn 15N	Economic		Volcaniclastic rock	Felsic		
F032851	8/21/2022	470120.0178	5631645.482	UTM Zn 15N	Economic	Mafic dike with boudinaged Qz vein	Plutonic rock	Mafic	Gabbro	
F032852	8/21/2022	470090.6264	5631636.754	UTM Zn 15N	Economic	Mostly vein material	Sedimentary rock	Sandstone	Wacke	
F032853	8/21/2022	470091.9173	5631636.747	UTM Zn 15N	Economic	Mostly host rock, wacke	Sedimentary rock	Sandstone	Wacke	
F032854	8/21/2022	470047.064	5631633.298	UTM Zn 15N	Economic	Mafic	Volcanic flow	Mafic		
F032855	8/21/2022	470047.2913	5631632	UTM Zn 15N	Economic	Felsic	Volcaniclastic rock	Felsic		
F032856	8/21/2022	470015.7657	5631599.191	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Diorite	
F032857	8/21/2022	469984.7117	5631607.525	UTM Zn 15N	Economic	Basalt	Volcanic flow	Mafic	Basalt	
F032858	8/21/2022	469898.94	5631591.154	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		
F032859	8/21/2022	469807.2877	5631572.781	UTM Zn 15N	Economic		Volcanic flow	Mafic		
F032861	8/21/2022	469760.9854	5631562.485	UTM Zn 15N	Economic	Mafic with Qz carb vein	Volcanic flow	Mafic		
F032862	8/21/2022	469681.9126	5631547.933	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		
F032863	8/21/2022	469566.3141	5631549.349	UTM Zn 15N	Economic		Sedimentary rock	Chemical		
F638622	8/23/2022	472468.7052	5632153.327	UTM Zn 15N	Economic		Volcaniclastic rock	Felsic		Crystal tuff
F638623	8/23/2022	472455.6995	5632135.047	UTM Zn 15N	Economic	Sample in oxidized zone of tuff	Volcaniclastic rock	Felsic		Tuff
F638624	8/23/2022	472455.4658	5632135.234	UTM Zn 15N	Economic	Sample is chlorite alteration	Volcaniclastic rock	Felsic		Tuff
F638625	8/23/2022	472429.315	5632116.653	UTM Zn 15N	Economic		Volcaniclastic rock	Felsic		Tuff
F638626	8/23/2022	472379.7883	5632115.989	UTM Zn 15N	Economic	Qz veins and shear	Volcaniclastic rock	Felsic		Tuff
F638627	8/23/2022	472380.1364	5632115.246	UTM Zn 15N	Economic	Fresh	Volcaniclastic rock	Felsic		Tuff
F638628	8/23/2022	472404.6739	5632205.746	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F638629	8/23/2022	472373.1532	5632148.273	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate		Tuff
F638630	8/24/2022	469752.0687	5631017.824	UTM Zn 15N	Economic Duplicate	Dupe	Plutonic rock	Intermediate	Quartz diorite	
F638631	8/24/2022	469752.0666	5631017.453	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Quartz diorite	
F638632	8/24/2022	469873.235	5631043.44	UTM Zn 15N	Economic	Diorite	Plutonic rock	Intermediate	Quartz diorite	
F638633	8/24/2022	469873.5871	5631043.438	UTM Zn 15N	Economic	Sandstone	Sedimentary rock	Sandstone	Arenite	Quartzic
F638634	8/24/2022	469949.7815	5631046.148	UTM Zn 15N	Economic	Qtz diorite with small Qz and biotite stringers	Plutonic rock	Intermediate	Quartz diorite	
F638502	8/24/2022	473114.1833	5633863.224	UTM Zn 15N	Economic	Volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	
F638501	8/24/2022	473114.8785	5633861.552	UTM Zn 15N	Economic	Dyke	Plutonic rock	Felsic	Tonalite	
F638503	8/24/2022	473021.7145	5634016.608	UTM Zn 15N	Economic	Volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	
F638504	8/24/2022	473021.5973	5634016.608	UTM Zn 15N	Economic	Mafic dyke	Plutonic rock	Mafic		
F638505	8/24/2022	473021.7145	5634016.608	UTM Zn 15N	Economic	Vein in volcanic prox to mafic dyke	Vein	Massive		
F638506	8/24/2022	473025.7098	5634017.884	UTM Zn 15N	Economic	Qtz vn in dragged into shear	Vein	Massive		
F638507	8/24/2022	472976.4064	5634056.691	UTM Zn 15N	Economic	Volcanoclastic with vein/dyke	Volcaniclastic rock	Intermediate	Andesite	Tuff breccia

Sample ID	Lithology Form	Additional Minerals (not in name)	Rock Colour	Grain Size	Texture	Deformation	Magnetism
F638552		Chl	Green gray	very fine		Moderate	Not Magnetic
F638553			Gray	fine		Strong	Moderate
F638554			Gray	fine		Strong	Moderate
F638556			Gray	fine		Strong	Moderate
F638555		Cb,Bt	Green gray,	medium		Strong	Moderate
F638557		Chl	Black gray	fine		Moderate	Not Magnetic
F638558	Bed		Gray	fine		Moderate	Not Magnetic
F638559	Bed		Gray	fine		Moderate	Not Magnetic
F638561	Bed		Gray	fine		Moderate	Not Magnetic
F638562	Bed	Fsp	Gray pink	fine		Moderate	Weak
F638563	Bed	Su		medium		Moderate	Not Magnetic
F638564	Bed		White gray	fine		Moderate	Not Magnetic
F638565	Bed		Gray white			Moderate	Not Magnetic
F638566	Bed	Fsp	Gray pink	fine		Moderate	Weak
F638567	Bed		White gray	fine		Moderate	Not Magnetic
F638568	Bed		Gray variable	fine		Strong	Weak
F638569	Bed		Green gray	fine		Strong	Not Magnetic
F638571	Bed		Green grey			Moderate	Not Magnetic
F638572	Dyke		Black	fine		Moderate	Not Magnetic
F638573	Bed					Moderate	Not Magnetic
F638574			Pink	medium		Moderate	Moderate
F638575	Bed	Mic	Steel gray	medium	Schist	Strong	Not Magnetic
F638576			Pink	medium		Moderate	Moderate
F638577	Vein	Qz,Py,Hem	White orange	coarse		Weak	Not Magnetic
F638578	Bed		Grey	medium		Moderate	Not Magnetic
F638579	Bed		Grey	medium		Moderate	Not Magnetic
F638580	Bed		Grey	medium		Moderate	Not Magnetic
F638581	Intrusion		Gray	medium			Not Magnetic
F638582	Intrusion		Gray	medium			Not Magnetic
F638583	Intrusion		Gray	medium		Moderate	Not Magnetic
F638584	Intrusion		Gray	medium		Moderate	Not Magnetic
F638585	Intrusion					Moderate	Not Magnetic
F638586	Intrusion		Gray	medium		Strong	Not Magnetic
F638587	Intrusion		Gray	medium		Strong	Not Magnetic
F638588	Vein	Qz	White	coarse			Not Magnetic
F638589	Vein	Qz	White	coarse			Not Magnetic
F638591	Vein	Qz	White	coarse			Not Magnetic
F638592	Vein	Qz	White	coarse			Not Magnetic
F638593	Intrusion		Gray green	medium		Moderate	Not Magnetic
F638594	Bed		Grey	very fine	Fine_grained,Foliated	Strong	Not Magnetic
F638595	Bed		Grey	very fine	Fine_grained,Foliated	Strong	Not Magnetic
F638596	Bed		Grey	very fine	Fine_grained,Foliated	Strong	Not Magnetic
F638597	Bed					Strong	Not Magnetic
F638598	Intrusion		Grey	medium		Moderate	Not Magnetic
F638599	Intrusion		Gray	medium		Moderate	Not Magnetic
F638601	Intrusion		Gray	medium		Strong	Not Magnetic
F638602	Intrusion		Gray	medium		Moderate	Not Magnetic
F638603	Intrusion		Black	fine	Porphyritic	Moderate	Not Magnetic
F638604	Bed		Gray white black	very fine	Thin_bed	Moderate	Not Magnetic
F638605	Intrusion		Gray	medium		Moderate	Not Magnetic
F638606	Vein	Qz	White	coarse		Weak	Not Magnetic
F638607	Intrusion					Moderate	Not Magnetic
F638608	Vein	Qz,Cb	White	coarse		Moderate	Not Magnetic
F638609	Dyke	Bt	Black	medium		Very Strong	Not Magnetic
F638611	Intrusion		Gray	medium	Medium_grained	Moderate	Not Magnetic
F638612	Dyke	Chl,Py	Black green	very fine	Schist	Strong	Not Magnetic
F638613	Vein	Cb,Chl,Su,Qz	White to smoky	coarse			Not Magnetic
F638614	Intrusion		Gray	medium		Moderate	Not Magnetic
F638615	Vein	Py,Chl,Tur,Ox,Su,Qz,Cb,Mic	White and black	medium		Strong	Not Magnetic
F638616	Intrusion					Strong	Not Magnetic
F638617	Intrusion					Strong	Not Magnetic
F638618	Vein	Cb,Tur,Qz	Black white	medium		Very Strong	Not Magnetic
F638619	Intrusion					Moderate	Not Magnetic
F638621	Vein	Qz	White	coarse		Strong	Not Magnetic
F638844		Bt	Gray	medium		Moderate	Not Magnetic
F638845		Bt	Gray	medium		Moderate	Not Magnetic
F638846		Fsp,Ep,Bt	Pink gray	medium		Moderate	Not Magnetic
F638848		Bt	Dark gray	very fine		Strong	Not Magnetic
F638849		Bt	Dark gray	very fine		Strong	Not Magnetic
F638850			Gray	very fine		Strong	Not Magnetic
F032851		Bt,Cb		fine		Strong	Not Magnetic
F032852		Py,Bt	Dark gray	very fine		Moderate	Not Magnetic
F032853		Py,Bt	Dark gray	very fine		Moderate	Not Magnetic
F032854			Gray	very fine		Strong	Not Magnetic
F032855				very fine		Strong	Not Magnetic
F032856			Gray	medium		Strong	Not Magnetic
F032857			Dark gray	very fine		Moderate	
F032858			Gray	very fine		Moderate	Not Magnetic
F032859		Chl,Py	Green gray	very fine			Weak
F032861			Gray			Strong	Weak
F032862		Py		very fine		Moderate	Not Magnetic
F032863		Hem	Gray	very fine		Moderate	Weak
F638622	Bed		Gray	very fine			Moderate
F638623		Py		fine		Strong	Weak
F638624		Py		fine		Strong	Weak
F638625	Bed		Gray	fine		Moderate	Weak
F638626	Bed		Gray	fine		Strong	Weak
F638627	Bed		Gray	fine		Strong	Weak
F638628	Bed		Gray	fine		Moderate	Not Magnetic
F638629	Bed			fine		Moderate	Not Magnetic
F638630	Intrusion	Chl	Gray pink	medium	Medium_grained	Moderate	Weak
F638631	Intrusion	Chl	Gray pink	medium	Medium_grained	Moderate	Weak
F638632	Intrusion	Bt	Gray	medium		Moderate	Weak
F638633	Bed	Bt		fine			Weak
F638634	Intrusion	Bt	Gray	medium	Medium_grained,Foliated,Equigranular	Moderate	Weak
F638502			Light grey	fine		Strong	Not Magnetic
F638501	Dyke	Bt	Pink	medium		Weak	Not Magnetic
F638503			Light grey	fine		Strong	Not Magnetic
F638504			Dark grey	fine		Weak	Not Magnetic
F638505		Qz		fine		Moderate	Not Magnetic
F638506		Qz		fine		Moderate	Not Magnetic
F638507			Light grey	fine		Moderate	Not Magnetic

Sample ID	Date Taken	Easting	Northing	Cordinate System	Sample Type	Sample Notes	Lithology Type	Broad Classification	Type Classification	Minor Name
F638508	8/24/2022	472976.4064	5634056.691	UTM Zn 15N	Economic	Ep alt volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	Tuff breccia
F638509	8/24/2022	472962.6816	5634056.762	UTM Zn 15N	Economic		Plutonic rock	Felsic	Tonalite	
F638511	8/24/2022	472959.4497	5634044.361	UTM Zn 15N	Economic	Sample from within shear zone	Volcaniclastic rock	Intermediate	Andesite	
F638512	8/24/2022	472951.4783	5633955.254	UTM Zn 15N	Economic	Volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	
F638513	8/24/2022	472951.361	5633955.255	UTM Zn 15N	Economic	Mafic dyke	Plutonic rock	Mafic		
F638635	8/25/2022	473125.5998	5634120.045	UTM Zn 15N	Economic	Volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	
F638636	8/25/2022	473125.5998	5634120.045	UTM Zn 15N	Economic	Mafic dyke	Plutonic rock	Mafic		
F638637	8/25/2022	473189.7512	5634116.934	UTM Zn 15N	Economic		Vein	Massive		
F638638	8/26/2022	471445.3539	5632403.676	UTM Zn 15N	Economic	Rock + veins	Volcanic flow	Mafic	Basalt	
F638639	8/26/2022	471445.2356	5632403.491	UTM Zn 15N	Economic	Rock	Volcanic flow	Mafic	Basalt	
F638641	8/26/2022	471394.215	5632322.778	UTM Zn 15N	Economic	Rock + carb veinlet	Volcaniclastic rock	Intermediate	Andesite	Crystal tuff
F638642	8/26/2022	471394.215	5632322.778	UTM Zn 15N	Economic	Rock + ep veinlet	Volcaniclastic rock	Intermediate	Andesite	Crystal tuff
F638643	8/26/2022	471394.3324	5632322.778	UTM Zn 15N	Economic	Rock + qtz mag vein	Volcaniclastic rock	Intermediate	Andesite	Crystal tuff
F638644	8/26/2022	471369.0194	5632329.033	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	
F638645	8/26/2022	471389.6737	5632243.849	UTM Zn 15N	Economic	Rock + vein	Volcaniclastic rock	Intermediate	Basaltic andesite	
F638646	8/26/2022	471392.6176	5632245.686	UTM Zn 15N	Economic	Rock	Volcaniclastic rock	Intermediate	Basaltic andesite	
F638647	8/26/2022	471324.2122	5632247.545	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Basaltic andesite	
F638648	8/26/2022	471256.8235	5632157.286	UTM Zn 15N	Economic	Volcanic rock with 10% qtz vns	Volcanic flow	Mafic	Basalt	
F638649	8/26/2022	471256.7062	5632157.287	UTM Zn 15N	Economic	Qtz tourmaline vn	Vein	Massive		
F638514	8/26/2022	471238.6923	5632146.637	UTM Zn 15N	Economic		Volcanic flow	Mafic	Basalt	
F638515	8/26/2022	471197.0899	5632135.932	UTM Zn 15N	Economic	Rock with 10% vn	Volcaniclastic rock	Intermediate	Andesite	
F638516	8/26/2022	471199.2084	5632137.032	UTM Zn 15N	Economic	Qtz tourmaline vns	Volcaniclastic rock	Intermediate	Andesite	
F638517	8/26/2022	471199.2084	5632137.032	UTM Zn 15N	Economic	Red oxidized rock	Volcaniclastic rock	Intermediate	Andesite	
F638518	8/26/2022	471199.0921	5632137.218	UTM Zn 15N	Economic	Carb + wall rock	Volcaniclastic rock	Intermediate	Andesite	
F638519	8/26/2022	471198.9747	5632137.219	UTM Zn 15N	Economic	Carb vn - little to no wall rock	Volcaniclastic rock	Intermediate	Andesite	
F638521	8/26/2022	471153.9646	5632168.049	UTM Zn 15N	Economic	Rock	Volcaniclastic rock	Intermediate	Andesite	
F638522	8/26/2022	471153.8473	5632168.05	UTM Zn 15N	Economic	Rock + qtz vn	Volcaniclastic rock	Intermediate	Andesite	
F638523	8/26/2022	471154.0819	5632168.049	UTM Zn 15N	Economic	Rock + strong ep alt	Volcaniclastic rock	Intermediate	Andesite	
F638524	8/26/2022	470730.6874	5632274.945	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	
F638526	8/26/2022	470650.5567	5632236.846	UTM Zn 15N	Economic	Qtz vn	Vein	Massive		
F638525	8/26/2022	470626.8023	5632228.083	UTM Zn 15N	Economic	Qtz vn +volcanic	Volcaniclastic rock	Intermediate	Andesite	
F638527	8/26/2022	470589.559	5632199.752	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	
F638528	8/26/2022	470612.7153	5632455.76	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	Lapilli tuff
F032901	8/27/2022	470536.6038	5632443.217	UTM Zn 15N	Economic	Mafic tuff	Volcaniclastic rock	Mafic		Tuff
F032902	8/27/2022	470538.1313	5632443.579	UTM Zn 15N	Economic	Intermediate tuff	Volcaniclastic rock	Intermediate		Tuff
F032903	8/27/2022	470522.2105	5632450.341	UTM Zn 15N	Economic	Mafic host rock	Volcaniclastic rock	Mafic		Tuff
F032904	8/27/2022	470522.2105	5632450.341	UTM Zn 15N	Economic	Qz veins with mafic host rock	Volcaniclastic rock	Mafic		Tuff
F032905	8/27/2022	470508.9195	5632465.614	UTM Zn 15N	Economic	Mafic host with Qz carb veining in very sheared zone	Volcaniclastic rock	Mafic		Tuff
F032906	8/27/2022	470511.0317	5632465.602	UTM Zn 15N	Economic	Sheared and folded zone with Qz carb veins epidote chlorite and pyrite disseminated throughout	Volcaniclastic rock	Mafic		Tuff
F032907	8/27/2022	470459.8262	5632458.109	UTM Zn 15N	Economic	Mafic tuff with carbonate stringer veins	Volcaniclastic rock	Felsic		Tuff
F032908	8/27/2022	470459.9435	5632458.108	UTM Zn 15N	Economic	Intermediate tuff with feldspar carb alteration	Volcaniclastic rock	Intermediate		Tuff
F032909	8/27/2022	470459.721	5632439.575	UTM Zn 15N	Economic		Volcaniclastic rock	Mafic		Tuff
F032911	8/27/2022	470460.7402	5632391.752	UTM Zn 15N	Economic	Vein plus mafic tuff host	Volcaniclastic rock	Mafic		Tuff
F032912	8/27/2022	470460.9749	5632391.75	UTM Zn 15N	Economic	Qz vein	Vein	Massive		
F032913	8/27/2022	470470.2798	5632397.814	UTM Zn 15N	Economic	Mafic tuff host	Volcaniclastic rock	Mafic		Tuff
F032914	8/27/2022	470470.3951	5632397.443	UTM Zn 15N	Economic	Qz vein plus host	Vein	Massive		
F638529	8/27/2022	472253.5471	5634101.273	UTM Zn 15N	Economic	Volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	Tuff breccia
F638530	8/27/2022	472253.5471	5634101.273	UTM Zn 15N	Economic Duplicate	Volcanoclastic dup	Volcaniclastic rock	Intermediate	Andesite	Tuff breccia
F638531	8/27/2022	472253.5461	5634101.087	UTM Zn 15N	Economic	Shear in Volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	Tuff breccia
F638532	8/27/2022	472253.4279	5634100.903	UTM Zn 15N	Economic	Qtz vn	Vein	Massive		
F638533	8/27/2022	472253.4279	5634100.903	UTM Zn 15N	Economic	Mafic dyke	Plutonic rock	Mafic		
F638534	8/27/2022	472250.2802	5634038.645	UTM Zn 15N	Economic	Volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	Crystal tuff
F638535	8/27/2022	472250.3965	5634038.459	UTM Zn 15N	Economic	Volcanoclastic + vein	Volcaniclastic rock	Intermediate	Andesite	Crystal tuff
F638536	8/27/2022	472340.3019	5634025.007	UTM Zn 15N	Economic	Volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	
F638537	8/27/2022	472340.1846	5634025.007	UTM Zn 15N	Economic	Volcanoclastic + vein	Volcaniclastic rock	Intermediate	Andesite	
F638538	8/27/2022	472361.8232	5634057.141	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	Lapilli tuff
F638539	8/27/2022	472435.0706	5634065.834	UTM Zn 15N	Economic	Volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	Lapilli tuff
F638541	8/27/2022	472566.9082	5634062.357	UTM Zn 15N	Economic	Host rock	Volcaniclastic rock	Intermediate	Andesite	
F638542	8/27/2022	472567.1419	5634062.17	UTM Zn 15N	Economic		Plutonic rock	Mafic		
F032915	8/28/2022	470353.8249	5632389.765	UTM Zn 15N	Economic	Mafic volcanic	Volcanic flow	Mafic	Basalt	Massive
F032916	8/28/2022	470349.6491	5632398.315	UTM Zn 15N	Economic	Stronger epidote and oxide veining in host rock	Volcanic flow	Mafic	Basalt	Massive
F032917	8/28/2022	470355.7255	5632414.405	UTM Zn 15N	Economic	Host rock	Volcanic flow	Mafic	Basalt	Massive
F032918	8/28/2022	470369.6848	5632454.729	UTM Zn 15N	Economic		Volcanic flow	Mafic	Basalt	Massive
F032919	8/28/2022	470181.3798	5632399.647	UTM Zn 15N	Economic	Heavily altered Intermediate volcanic	Volcanic flow	Intermediate		Massive
F032921	8/28/2022	470208.165	5632404.868	UTM Zn 15N	Economic	Less altered intermediate volcanic host	Volcanic flow	Intermediate		Massive
F032922	8/28/2022	470213.6462	5632398.906	UTM Zn 15N	Economic	Mafic volcanic host	Volcanic flow	Mafic	Basalt	Massive
F032923	8/28/2022	469947.0024	5631784.371	UTM Zn 15N	Economic	Intermediate lapilli tuff	Volcaniclastic rock	Intermediate		Lapilli tuff
F032924	8/28/2022	469947.2275	5631782.702	UTM Zn 15N	Economic	Intermediate volcaniclastic host and Qz vein	Volcaniclastic rock	Intermediate		Lapilli tuff
F032926	8/28/2022	469947.5785	5631782.514	UTM Zn 15N	Economic	Porphyry	Subvolcanic rock	Intermediate	Biotite-phyric porphyry	
F032925	8/28/2022	469947.5775	5631782.329	UTM Zn 15N	Economic	Qz vein	Vein	Other		
F032927	8/28/2022	469895.5739	5631780.22	UTM Zn 15N	Economic	Intermediate volcaniclastic host	Volcaniclastic rock	Intermediate		Lapilli tuff
F032928	8/28/2022	469895.3381	5631780.036	UTM Zn 15N	Economic	Porphyry dike	Subvolcanic rock	Intermediate	Biotite-phyric porphyry	
F032929	8/28/2022	469894.6351	5631780.225	UTM Zn 15N	Economic	Host plus Qz tourmaline vein	Volcaniclastic rock	Intermediate		Lapilli tuff
F032930	8/28/2022	469894.2851	5631780.598	UTM Zn 15N	Economic Duplicate	Duplicate of Host plus Qz tourmaline vein	Volcaniclastic rock	Intermediate		Lapilli tuff
F032931	8/28/2022	469884.5948	5631789.365	UTM Zn 15N	Economic	Less altered intermediate volcaniclastic host	Volcaniclastic rock	Intermediate		Lapilli tuff
F638543	8/28/2022	471989.4886	5633492.18	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Quartz diorite	
F638544	8/28/2022	472093.0261	5633590.595	UTM Zn 15N	Economic	Rock + vn	Volcaniclastic rock	Felsic	Dacite	
F638545	8/28/2022	472124.5555	5633585.051	UTM Zn 15N	Economic	Volcanoclastic	Volcaniclastic rock	Felsic	Dacite	
F638546	8/28/2022	472122.241	5633590.994	UTM Zn 15N	Economic	Diorite	Plutonic rock	Intermediate	Diorite	
F638547	8/28/2022	472152.4264	5633575.449	UTM Zn 15N	Economic		Volcaniclastic rock	Felsic	Dacite	
F638548	8/28/2022	472242.041	5633572.005	UTM Zn 15N	Economic	Rock + qtz vn	Volcaniclastic rock	Felsic	Dacite	
F638549	8/28/2022	472257.8865	5633617.328	UTM Zn 15N	Economic	Less altred	Volcaniclastic rock	Intermediate	Andesite	
F032951	8/28/2022	472257.8865	5633617.328	UTM Zn 15N	Economic	Intense alt	Volcaniclastic rock	Intermediate	Andesite	
F032952	8/28/2022	472404.463	5633691.981	UTM Zn 15N	Economic	Volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	
F032953	8/28/2022	472404.5814	5633692.166	UTM Zn 15N	Economic	Dyke?	Plutonic rock	Mafic		
F032954	8/28/2022	472449.1104	5633704.533	UTM Zn 15N	Economic	Volcanoclastic + qtz vn	Volcaniclastic rock	Intermediate	Andesite	
F032955	8/28/2022	472449.2277	5633704.533	UTM Zn 15N	Economic	Mafic	Volcanic flow	Mafic		
F032956	8/28/2022	472535.3806	5633712.417	UTM Zn 15N	Economic		Volcanic flow	Intermediate	Andesite	
F032957	8/28/2022	472516.0703	5633676.934	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	Lapilli tuff
F032958	8/28/2022	472631.1471	5633719.14	UTM Zn 15N	Economic	Volcanoclastic	Volcaniclastic rock	Intermediate	Andesite	
F032959	8/28/2022	472631.6182	5633719.509	UTM Zn 15N	Economic	Dyke	Subvolcanic rock	Felsic	Feldspar-phyric porphyry	
F032960	8/28/2022	472680.7812	5633787.826	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	
F032961	8/28/2022	472678.6881	5633791.358	UTM Zn 15N	Economic Duplicate	Dup of F032960	Volcaniclastic rock	Intermediate	Andesite	
F032962	8/28/2022	472273.9794	5633687.115	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	
F032963	8/28/2022	471962.4143	5633475.46	UTM Zn 15N	Economic		Plutonic rock	Intermediate	Quartz diorite	
F032964	8/29/2022	468288.1683	5633568.295	UTM Zn 15N	Economic	Mafic	Volcanic flow	Mafic	Basalt	
F032965	8/29/2022	468285.5895	5633568.681	UTM Zn 15N	Economic	Mafic with epidote veinlets	Volcanic flow	Mafic	Basalt	
F032966	8/29/2022	468345.7928	5633648.567	UTM Zn 15N	Economic	Rock	Plutonic rock	Mafic	Gabbro	
F032967	8/29/2022	468345.2051	5633648.385	UTM Zn 15N	Economic	Rock + vn	Plutonic rock	Mafic	Gabbro	
F032968	8/29/2022	468348.2666	5633708.046	UTM Zn 15N	Economic	1-2% py	Volcanic flow	Intermediate	Basaltic andesite	
F032969	8/29/2022	468347.2017	5633706.57	UTM Zn 15N	Economic	Trace py (0-0.1%)	Volcanic flow	Intermediate	Basaltic andesite	
F032971	8/29/2022	468338.7573	5633706.992	UTM Zn 15N	Economic	1% disc py + oxidation	Volcanic flow	Intermediate	Basaltic andesite	

Sample ID	Lithology Form	Additional Minerals (not in name)	Rock Colour	Grain Size	Texture	Deformation	Magnetism
F638508			Light grey	fine		Moderate	Not Magnetic
F638509			Pink	medium		Moderate	Not Magnetic
F638511			Grey	fine		Strong	Not Magnetic
F638512			Grey green	fine		Very Strong	
F638513			Grey	very fine		Moderate	Not Magnetic
F638635			Grey	fine		Moderate	Not Magnetic
F638636				medium		Moderate	Not Magnetic
F638637		Qz				Strong	
F638638			Dark grey	very fine		Moderate	Strong
F638639			Dark grey	very fine		Moderate	Strong
F638641			Light grey	fine		Moderate	Weak
F638642			Light grey	fine		Moderate	Weak
F638643			Light grey	fine		Moderate	Weak
F638644			Med grey	medium		Moderate	Not Magnetic
F638645			Dark grey	fine		Moderate	Weak
F638646			Dark grey	fine		Moderate	Weak
F638647			Dark grey	fine		Moderate	Weak
F638648			Dark grey	fine		Moderate	Not Magnetic
F638649		Qz,Tur					
F638514			Dark grey	fine		Moderate	Not Magnetic
F638515			Med grey	fine		Moderate	Weak
F638516			Med grey	fine		Moderate	Weak
F638517			Med grey	fine		Moderate	Weak
F638518			Med grey	fine		Moderate	Weak
F638519			Med grey	fine		Moderate	Weak
F638521			Med grey	fine		Moderate	Not Magnetic
F638522			Med grey	fine		Moderate	Not Magnetic
F638523			Med grey	fine		Moderate	Not Magnetic
F638524			Grey	fine		Moderate	Weak
F638526		Qz					
F638525			Grey	fine		Moderate	Not Magnetic
F638527			Light grey	fine		Moderate	Not Magnetic
F638528			Grey	fine		Moderate	Not Magnetic
F032901	Bed	Chl,Ep	Green grey	medium			Not Magnetic
F032902	Bed	Py	Gray	fine		Moderate	Not Magnetic
F032903	Bed	Chl,Ep	Green grey	medium			Not Magnetic
F032904	Bed	Chl,Ep	Green grey	medium			Not Magnetic
F032905	Bed	Chl,Ep	Green grey	medium			Not Magnetic
F032906	Bed	Chl,Ep	Green grey	medium			Not Magnetic
F032907	Bed			fine		Strong	Not Magnetic
F032908	Bed			fine		Moderate	Not Magnetic
F032909	Bed	Chl	Green	fine		Moderate	Not Magnetic
F032911	Bed	Ep	Black	fine		Moderate	Not Magnetic
F032912	Vein	Py,Su	White	coarse			Not Magnetic
F032913	Bed	Ep	Black	fine		Moderate	Not Magnetic
F032914	Vein	Py,Su	White	coarse			Not Magnetic
F638529			Grey	fine		Moderate	Weak
F638530			Grey	fine		Moderate	Weak
F638531			Grey	fine		Moderate	Weak
F638532		Qz				Moderate	Not Magnetic
F638533			Green grey	medium	Porphyritic	Weak	Weak
F638534			Med grey	medium		Moderate	Weak
F638535			Med grey	medium		Moderate	Weak
F638536			Med grey	fine		Strong	Weak
F638537			Med grey	fine		Strong	Weak
F638538			Med grey	fine		Strong	Weak
F638539			Grey	fine		Moderate	Weak
F638541			Dark grey	fine		Very Strong	Weak
F638542				very fine		Moderate	Not Magnetic
F032915	Bed		Black	fine		Moderate	Not Magnetic
F032916	Bed		Black	fine		Moderate	Not Magnetic
F032917	Bed			fine		Moderate	Not Magnetic
F032918	Bed			fine		Moderate	Not Magnetic
F032919	Bed	Cb,Chl,Pl,Qz	Pink gray	fine		Strong	
F032921	Bed	Cb,Chl,Pl,Qz	Pink gray	fine		Strong	
F032922	Bed					Moderate	Not Magnetic
F032923	Bed		Gray black	fine		Moderate	Not Magnetic
F032924	Bed		Gray black	fine		Moderate	Not Magnetic
F032926	Dyke	Bt,Fsp,Py	Gray	medium	Porphyritic	Moderate	Not Magnetic
F032925		Hem				Strong	Not Magnetic
F032927	Bed	Cb,Amp	Gray	fine		Moderate	Not Magnetic
F032928	Dyke	Bt,Py,Pl,Amp	Gray	medium	Porphyritic		Weak
F032929	Bed	Cb,Amp	Gray	fine		Moderate	Not Magnetic
F032930	Bed	Cb,Amp	Gray	fine		Moderate	Not Magnetic
F032931	Bed	Cb,Amp	Gray	fine		Moderate	Not Magnetic
F638543				coarse		Moderate	Weak
F638544			Blue grey	very fine		Moderate	Weak
F638545			Blue grey	very fine		Moderate	Not Magnetic
F638546			Green	medium		Moderate	Not Magnetic
F638547			Green grey	very fine		Strong	Not Magnetic
F638548			Grey green	very fine		Moderate	Not Magnetic
F638549			Med grey	fine		Strong	Weak
F032951			Med grey	fine		Strong	Weak
F032952			Med grey	fine		Moderate	Not Magnetic
F032953			Grey	very fine		Weak	Weak
F032954			Med grey	fine		Moderate	Not Magnetic
F032955	Dyke			very fine		Weak	Not Magnetic
F032956			Med grey	medium		Moderate	Weak
F032957			Med grey	fine		Moderate	Not Magnetic
F032958			Grey	fine		Strong	Not Magnetic
F032959	Dyke			coarse	Porphyritic		
F032960			Dark grey	fine		Moderate	Moderate
F032961			Dark grey	fine		Moderate	Moderate
F032962			Grey	fine		Moderate	Not Magnetic
F032963			Grey white	medium	Xenolith	Moderate	Weak
F032964			Dark grey	fine		Moderate	Weak
F032965			Dark grey	fine		Moderate	Weak
F032966			Dark grey	coarse		Moderate	Weak
F032967			Dark grey	coarse		Moderate	Weak
F032968			Mid grey	fine		Moderate	Weak
F032969			Mid grey	fine		Moderate	Weak
F032971			Mid grey	fine		Moderate	Weak

Sample ID	Date Taken	Easting	Northing	Cordinate System	Sample Type	Sample Notes	Lithology Type	Broad Classification	Type Classification	Minor Name
F032972	8/29/2022	468351.8673	5633702.093	UTM Zn 15N	Economic		Volcanic flow	Intermediate	Basaltic andesite	
F032864	8/30/2022	467019.507	5630986.79	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	
F032865	8/30/2022	467038.3224	5631010.765	UTM Zn 15N	Economic	Rock+ vein	Volcaniclastic rock	Intermediate	Andesite	
F032866	8/30/2022	467256.3637	5631021.251	UTM Zn 15N	Economic		Volcaniclastic rock	Intermediate	Andesite	

Sample ID	Lithology Form	Additional Minerals (not in name)	Rock Colour	Grain Size	Texture	Deformation	Magnetism
F032972			Med grey	fine		Moderate	Not Magnetic
F032864			Mid grey	fine		Moderate	Weak
F032865			Blue grey	very fine		Moderate	Moderate
F032866			Grey beige	very fine		Moderate	Not Magnetic

Appendix D: Large-format map

466000 467000 468000 469000 470000 471000 472000 473000 474000 475000

5636000 5635000 5634000 5633000 5632000 5631000 5630000 5629000

452 m
476 m
395 m
436 m
523 m
438 m
407 m

Caribou Creek
Snail Lake
Snake Falls
East Lake
Trout Lake River
Bruce Lake
Highway 105
105

Type
- Bedding
- Foliation

Type
- Shear zone
- Unconformity
- Syncline
- Anticline
- Bedding

Facies
- Breccia
- Lapilli
- Monomictic
- Polymictic
- Porphyry
- <all other values>

Sedimentary rock
- Conglomerate
- Sandstone
- Mudstone
- Chert
- Carbonate
- Iron formation

Intrusion
- Felsic intrusion
- Intermediate intrusion
- Ultramafic intrusion
- Granite
- Granodiorite
- Tonalite
- Syenite
- Quartz monzonite
- Monzonite
- Quartz monzodiorite
- Monzodiorite
- Quartz diorite
- Diorite
- Gabbro
- Felsic porphyry

Volcanic rocks
- Felsic volcanic flow
- Felsic volcaniclastic rock
- Intermediate volcanic flow
- Intermediate volcaniclastic rock
- Mafic volcanic flow
- Komatiitic basalt
- Komatiite

LP Property Sampling
Sample type
- Economic

- Chukuni Projects
- Forest Service Roads
- Road

LP Property Sampling
Sample type
- Economic

0 1 km

Spatial Reference
NAD 1983 UTM Zone 15N
Scale 1:20,000

N

Appendix E: Lab certificates

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

CERTIFICATE TB22239484

Project: LPR22.00005

P.O. No.: 4500381950

This report is for 105 samples of 1/2 Core submitted to our lab in Thunder Bay, ON, Canada on 25-AUG-2022.

The following have access to data associated with this certificate:

PATRICK COLLINS	BRIGITTE GELINAS	DAVID HOLDER
SIMON HOULE	BRIAN HUA	LEE SCHOLL
BRANDON SMITH	LIZ STOCK	JACOB VANDERWAL
JOSEPH VRZOVSKI		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SND-ALS	Send samples to internal laboratory
TRSPEC-20	Spectral Scan VNIR and SWIR - Coarse
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-32	Pulverize 1000g to 85% < 75 um
SPL-33	Split Sample - scoop split

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number.Results apply to samples as submitted.All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, Director, North Vancouver Operations

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	WEI-21	Au-ICP21	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
F638793		0.68	0.005		0.05	6.72	3.1	560	1.64	0.25	1.89	0.15	59.0	4.8	16	1.73
F638794		1.24	<0.001		0.02	8.28	0.8	500	1.04	0.05	3.20	0.06	48.1	16.5	95	2.90
F638795		1.49	0.018		0.11	5.75	3.3	410	1.86	0.22	1.50	0.10	16.55	10.5	53	1.56
F638796		0.61	<0.001		0.01	0.08	<0.2	10	0.06	0.01	21.1	0.03	1.04	0.6	2	0.08
F638797		0.52	<0.001		0.10	8.13	0.8	250	0.63	0.03	2.04	0.02	29.4	16.8	146	1.15
F638798		0.86	<0.001		0.05	7.73	0.2	490	0.86	0.02	1.40	0.02	30.9	6.0	99	2.70
F638799		1.88	<0.001		0.02	6.67	0.5	580	0.91	0.05	1.58	0.04	33.7	6.0	31	2.11
F638800		0.19	<0.001		0.01	6.16	0.9	90	0.55	0.32	5.33	0.13	16.25	3.5	25	1.79
F638807		1.65	<0.001		0.04	7.54	0.4	870	1.24	0.21	5.70	0.12	49.6	27.8	71	5.49
F638808		0.64	<0.001		0.03	1.80	0.7	90	0.25	0.38	0.55	0.02	7.25	1.7	29	0.59
F638809		0.83	<0.001		0.16	6.73	0.7	300	2.50	0.13	0.82	0.03	35.3	3.3	19	1.85
F638810		0.87	<0.001		0.02	7.49	1.2	660	8.33	0.69	1.61	0.14	29.8	6.2	32	1.96
F638811		1.07	0.007		0.06	7.87	0.9	610	1.18	1.55	4.99	0.10	39.3	28.8	39	12.95
F638812		0.35	<0.001		0.01	1.58	0.6	280	0.20	0.11	0.30	<0.02	3.41	1.7	24	0.86
F638813		0.68	0.001		0.03	7.92	0.4	680	0.96	0.02	2.76	0.04	30.3	11.8	88	3.54
F638814		0.42	<0.001		0.02	3.79	0.9	280	0.35	0.03	1.28	0.02	8.61	6.4	59	1.23
F032674		1.98	<0.001		0.04	7.38	0.8	470	1.05	0.03	2.09	0.03	36.7	6.6	34	3.12
F032675		1.42	<0.001		0.01	7.39	0.4	710	1.42	0.06	1.22	0.02	9.09	2.0	12	0.56
F032676		0.76	<0.001		0.03	7.28	0.7	700	1.59	0.87	6.11	0.11	19.40	30.0	426	1.19
F032677		1.03	<0.001		0.03	7.09	0.4	240	0.65	0.07	4.27	0.08	9.32	15.1	83	1.73
F032678		0.99	<0.001		0.05	7.58	0.6	330	0.84	0.16	4.31	0.07	13.50	16.8	147	0.86
F032679		0.79	<0.001		0.04	7.95	0.7	410	0.86	0.17	4.82	0.07	19.40	18.8	163	0.97
F032680		0.79	<0.001		0.06	7.89	0.7	390	1.03	0.21	5.39	0.08	28.2	25.5	207	0.89
F032681		0.80	<0.001		0.02	8.07	0.2	820	1.42	0.02	2.51	0.02	32.6	3.2	6	2.12
F032682		1.57	<0.001		0.04	7.95	0.4	420	0.77	0.05	6.40	0.11	24.1	41.2	66	2.06
F032683		0.95	<0.001		0.01	7.02	0.5	240	0.65	0.07	4.52	0.08	13.00	17.2	140	0.89
F032684		1.00	<0.001		0.01	7.45	1.0	760	1.01	0.07	1.82	0.04	35.1	8.6	28	1.04
F032685		1.39	0.003		0.03	6.89	1.1	190	0.55	0.04	8.41	0.06	43.9	27.5	141	1.29
F032686		1.64	0.003		0.01	7.00	1.8	350	0.56	0.03	5.60	0.04	41.2	37.9	520	2.09
F032687		1.12	0.001		0.03	7.85	2.1	300	0.94	0.07	3.73	0.03	52.8	21.7	46	1.21
F032688		1.23	0.001		0.01	7.44	2.3	190	1.00	0.05	2.84	0.05	64.7	25.9	43	1.93
F032689		1.70	0.006		0.03	6.73	1.4	260	0.33	0.06	11.45	0.09	60.1	37.3	238	1.87
F032690		0.07	5.49	5.46	1.35	6.81	70.7	130	0.41	0.05	7.04	0.64	13.70	40.9	101	0.97
F032691		1.03	0.005		0.01	5.79	3.6	220	0.41	0.05	10.15	0.06	49.0	35.1	208	0.92
F032692		1.12	0.004		0.01	6.50	2.4	290	0.47	0.02	8.76	0.05	36.8	25.6	139	1.56
F032693		1.20	<0.001		0.02	7.66	2.1	280	0.43	0.01	4.54	0.04	31.1	31.3	176	0.94
F032694		1.19	0.001		0.06	6.45	2.2	410	0.53	0.04	6.84	0.09	34.5	34.6	350	1.27
F032695		1.49	<0.001		0.09	7.46	6.2	220	0.80	0.07	2.77	0.05	44.7	23.2	92	2.37
F032696		1.45	<0.001		0.08	6.64	20.2	610	1.28	0.07	1.10	0.13	107.0	10.5	42	1.31
F032697		1.59	<0.001		0.04	7.70	4.8	930	1.52	0.05	0.51	0.03	104.5	8.5	14	3.74

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F638793		20.2	6.77	29.4	0.22	9.1	<0.005	0.223	2.33	23.4	17.7	0.96	984	1.98	0.99	16.7
F638794		7.1	3.40	20.7	0.19	2.8	<0.005	0.028	1.33	21.6	16.6	1.89	523	0.54	3.65	6.2
F638795		23.0	3.46	12.60	0.16	1.5	<0.005	0.175	1.61	7.6	12.2	0.61	339	3.02	1.27	3.4
F638796		1.1	0.13	0.33	0.19	<0.1	<0.005	<0.005	0.02	0.6	1.3	13.00	119	0.09	0.01	0.1
F638797		24.9	3.61	19.65	0.20	2.8	<0.005	0.036	0.67	13.5	13.4	1.05	455	0.88	4.35	4.4
F638798		11.3	2.05	20.0	0.17	2.8	<0.005	0.023	1.28	13.0	15.0	0.95	185	0.49	4.42	2.4
F638799		17.5	1.81	18.25	0.21	1.7	<0.005	0.014	1.51	17.1	16.6	0.57	279	1.32	3.36	3.0
F638800		9.0	4.11	33.4	0.14	0.8	<0.005	0.051	0.47	8.0	6.9	0.25	482	2.44	2.48	1.8
F638807		28.5	7.19	21.0	0.18	2.0	<0.005	0.078	2.63	21.5	39.2	3.19	1225	0.42	1.87	6.8
F638808		4.7	1.19	4.80	0.10	0.3	<0.005	0.006	0.29	3.7	2.8	0.15	141	2.40	0.84	1.2
F638809		40.7	1.26	21.6	0.16	5.4	<0.005	0.009	3.42	16.5	7.7	0.28	165	1.43	3.10	9.9
F638810		6.4	2.12	21.3	0.16	1.6	<0.005	0.016	1.78	13.6	11.7	0.64	366	1.87	3.82	9.4
F638811		74.0	7.01	21.3	0.21	1.8	<0.005	0.074	3.29	17.1	71.8	2.94	1165	1.37	1.77	7.1
F638812		7.2	1.34	3.76	0.10	0.3	<0.005	<0.005	0.53	1.3	4.2	0.13	143	2.45	0.68	1.3
F638813		16.6	3.43	20.3	0.18	2.8	<0.005	0.027	1.79	12.9	19.8	1.06	576	0.49	2.83	3.4
F638814		9.9	2.58	9.63	0.13	1.2	<0.005	0.016	1.16	3.2	8.3	0.46	387	1.76	0.69	1.9
F032674		5.6	1.80	21.2	0.19	2.1	<0.005	0.019	1.93	18.0	15.1	0.63	288	0.84	3.39	2.8
F032675		2.9	0.95	25.5	0.14	2.1	<0.005	0.011	1.16	4.5	7.0	0.19	113	0.96	4.86	1.4
F032676		21.0	6.74	18.50	0.17	2.4	<0.005	0.065	1.62	7.2	16.4	4.58	1150	2.26	1.90	8.3
F032677		17.6	7.52	18.60	0.13	1.6	<0.005	0.028	1.41	3.8	13.4	1.76	705	1.24	1.89	2.8
F032678		29.7	5.09	19.70	0.15	1.4	<0.005	0.034	1.04	6.1	17.9	2.40	595	3.22	2.67	2.2
F032679		14.4	5.01	20.8	0.15	1.6	<0.005	0.037	1.38	8.0	11.6	3.04	733	3.05	3.50	4.2
F032680		16.4	5.78	21.3	0.19	1.7	<0.005	0.044	1.27	11.7	13.6	3.87	915	7.19	3.26	4.6
F032681		10.4	2.11	22.6	0.16	4.2	<0.005	0.019	1.38	10.8	13.5	0.35	446	1.03	3.59	6.8
F032682		55.9	8.54	19.75	0.16	1.5	<0.005	0.066	1.09	9.6	25.0	3.78	1380	1.77	2.16	4.1
F032683		40.2	9.57	15.45	0.12	0.8	<0.005	0.030	1.00	6.5	13.0	2.32	738	0.39	2.35	2.1
F032684		2.2	2.15	21.5	0.16	1.4	<0.005	0.018	1.63	16.5	14.4	0.75	327	0.69	3.82	2.9
F032685		72.6	6.04	16.05	0.16	0.6	<0.005	0.038	0.60	19.0	9.8	2.50	1775	0.48	1.85	3.2
F032686		55.6	5.80	16.50	0.16	0.5	<0.005	0.049	1.04	18.6	19.6	3.58	1405	0.40	1.65	3.1
F032687		78.9	4.09	20.6	0.18	4.5	<0.005	0.036	1.40	23.3	17.4	1.29	614	1.04	1.97	8.0
F032688		59.3	5.02	20.1	0.20	4.4	<0.005	0.040	1.46	27.9	16.3	1.88	753	0.30	1.59	8.9
F032689		80.9	7.06	16.25	0.18	0.3	<0.005	0.052	0.79	25.6	17.6	2.44	2020	0.60	0.93	3.7
F032690		167.5	7.35	15.55	0.14	1.6	0.049	0.071	0.45	5.9	10.4	3.46	1225	1.64	1.63	3.3
F032691		56.8	7.20	14.10	0.14	0.5	<0.005	0.047	0.59	20.2	16.5	2.77	2080	0.51	0.64	4.2
F032692		17.0	5.56	15.95	0.13	0.3	<0.005	0.037	0.89	15.5	15.1	2.42	1715	0.46	1.63	2.8
F032693		123.0	6.63	19.60	0.13	0.4	<0.005	0.025	1.00	12.7	31.8	2.48	960	0.16	1.84	3.0
F032694		68.9	5.78	15.30	0.12	0.3	<0.005	0.043	1.06	14.9	13.8	2.48	1170	0.47	1.62	2.8
F032695		45.0	2.44	19.15	0.15	2.9	<0.005	0.044	0.72	18.2	15.4	0.73	442	0.57	2.97	7.1
F032696		6.3	1.06	16.85	0.19	5.8	<0.005	0.037	2.12	46.5	21.7	0.35	127	1.66	1.94	11.6
F032697		8.3	4.75	19.10	0.22	8.3	<0.005	0.034	2.92	34.5	24.8	0.45	778	2.27	1.63	20.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F638793		8.4	560	5.9	83.9	<0.002	0.34	0.57	11.5	1	3.8	349	1.02	0.11	3.52	0.313
F638794		56.1	1180	7.6	34.6	<0.002	<0.01	0.08	9.5	<1	0.6	678	0.35	<0.05	3.63	0.376
F638795		49.0	670	14.0	47.1	<0.002	0.01	0.10	10.4	<1	5.8	353	0.23	0.23	2.22	0.149
F638796		0.5	20	1.4	1.0	<0.002	<0.01	0.07	0.1	<1	<0.2	49.1	<0.05	<0.05	0.12	<0.005
F638797		38.9	660	3.1	21.0	<0.002	0.01	0.09	13.7	<1	0.7	362	0.26	<0.05	2.56	0.466
F638798		14.2	950	3.7	40.6	<0.002	<0.01	0.05	4.2	<1	0.5	339	0.15	<0.05	2.54	0.277
F638799		18.0	330	7.2	46.5	<0.002	<0.01	0.08	3.6	<1	0.4	440	0.27	<0.05	6.46	0.171
F638800		7.8	190	14.6	16.0	<0.002	0.01	0.11	5.5	<1	0.9	1030	0.09	<0.05	1.42	0.104
F638807		20.2	1160	10.0	61.9	<0.002	0.06	0.17	24.4	<1	1.4	674	0.41	<0.05	3.40	0.550
F638808		4.5	150	2.4	13.4	<0.002	<0.01	0.08	1.4	<1	0.3	120.5	0.05	<0.05	0.98	0.047
F638809		6.8	170	19.2	92.4	<0.002	<0.01	0.08	2.1	<1	0.7	249	1.21	<0.05	28.2	0.108
F638810		15.5	450	6.9	67.5	<0.002	0.01	0.16	4.7	<1	2.1	443	1.76	<0.05	5.47	0.214
F638811		14.4	1170	9.4	170.5	<0.002	0.01	0.21	23.8	<1	1.4	648	0.42	0.05	3.57	0.562
F638812		5.0	80	1.9	15.0	<0.002	<0.01	0.09	0.7	<1	0.2	91.2	0.05	<0.05	0.77	0.037
F638813		25.7	790	5.4	48.9	<0.002	<0.01	0.10	8.9	<1	0.6	690	0.20	<0.05	2.14	0.366
F638814		16.6	440	2.5	36.0	<0.002	0.01	0.14	4.9	<1	0.4	214	0.09	<0.05	0.96	0.160
F032674		18.7	450	11.3	65.1	<0.002	0.02	0.10	4.7	<1	0.5	562	0.19	<0.05	5.21	0.190
F032675		3.2	240	9.4	26.7	<0.002	<0.01	0.06	1.2	<1	0.5	868	0.07	<0.05	1.29	0.080
F032676		64.9	980	5.9	51.7	<0.002	<0.01	0.12	22.6	<1	1.1	761	0.46	<0.05	2.02	0.492
F032677		49.4	510	4.0	52.2	0.002	0.01	0.11	10.2	<1	0.5	595	0.16	<0.05	1.35	0.265
F032678		84.7	540	4.0	32.4	<0.002	0.05	0.08	13.8	<1	0.5	668	0.12	<0.05	1.20	0.276
F032679		97.5	920	3.1	40.0	<0.002	0.04	0.10	15.7	<1	0.7	578	0.21	<0.05	2.19	0.375
F032680		130.5	1150	2.8	46.8	0.002	0.06	0.11	19.5	<1	0.8	519	0.22	0.05	2.82	0.413
F032681		2.0	600	10.4	39.8	<0.002	0.01	0.07	1.8	<1	0.8	963	0.42	<0.05	3.97	0.180
F032682		51.2	1090	2.9	14.7	0.002	0.05	0.07	28.3	1	0.7	532	0.24	<0.05	0.86	0.628
F032683		68.2	630	2.8	41.0	<0.002	<0.01	0.41	13.0	<1	0.4	590	0.12	<0.05	1.22	0.247
F032684		17.7	480	6.5	51.4	<0.002	<0.01	0.18	4.8	<1	0.5	530	0.17	<0.05	4.98	0.213
F032685		68.2	1030	3.3	15.2	<0.002	0.02	0.24	19.8	<1	0.5	730	0.18	<0.05	2.20	0.388
F032686		110.5	930	2.6	26.2	<0.002	0.01	0.44	31.3	<1	0.6	699	0.17	<0.05	2.17	0.447
F032687		51.6	850	3.6	37.5	<0.002	0.01	1.05	15.3	<1	1.0	262	0.53	<0.05	5.71	0.446
F032688		61.6	1100	3.7	39.4	<0.002	0.01	0.84	15.4	<1	1.0	201	0.54	<0.05	6.15	0.470
F032689		70.4	1360	4.8	23.7	<0.002	0.06	0.22	28.1	<1	0.7	767	0.21	<0.05	2.68	0.425
F032690		78.7	410	28.6	14.1	0.002	0.40	1.49	36.8	1	1.0	226	0.23	0.11	1.09	0.561
F032691		88.3	1220	2.1	17.2	<0.002	<0.01	0.97	25.5	<1	0.6	590	0.22	<0.05	2.19	0.460
F032692		69.2	910	1.6	22.6	<0.002	<0.01	0.39	19.1	<1	0.5	576	0.17	<0.05	1.78	0.379
F032693		69.4	1080	1.0	23.1	<0.002	0.02	0.26	23.3	<1	0.6	550	0.18	<0.05	1.70	0.445
F032694		155.5	900	2.7	25.9	<0.002	0.01	0.31	22.6	<1	0.6	536	0.17	<0.05	1.68	0.356
F032695		37.8	900	8.0	21.7	<0.002	0.04	0.34	25.6	<1	0.6	409	0.34	<0.05	3.97	0.394
F032696		23.7	520	14.9	70.3	<0.002	0.01	0.48	9.5	<1	1.1	385	0.66	<0.05	10.45	0.313
F032697		23.3	710	8.9	120.0	<0.002	0.25	0.73	8.7	1	1.3	361	1.26	<0.05	15.60	0.531

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.1	1	0.1	0.1	2	0.5
F638793		0.45	0.8	13	1.4	79.0	184	365
F638794		0.23	0.8	82	0.3	9.4	74	116.5
F638795		0.37	0.6	52	1.2	5.5	106	59.4
F638796		<0.02	<0.1	1	0.1	0.3	6	0.8
F638797		0.08	0.5	113	0.6	10.3	65	115.5
F638798		0.21	0.6	59	0.1	7.0	43	113.5
F638799		0.25	1.3	35	0.9	5.3	57	54.4
F638800		0.13	3.3	112	0.3	4.9	27	24.7
F638807		0.49	0.9	222	0.6	29.3	107	75.1
F638808		0.06	0.6	13	0.3	1.2	17	9.6
F638809		0.35	6.4	19	0.8	10.0	33	105.5
F638810		0.26	1.5	40	4.8	6.6	45	54.2
F638811		1.12	1.0	219	1.1	29.8	127	69.8
F638812		0.08	0.3	9	0.6	0.9	16	9.7
F638813		0.27	0.4	98	1.5	9.2	54	114.5
F638814		0.12	0.2	48	0.5	4.0	31	46.7
F032674		0.37	1.1	42	0.3	4.7	45	76.1
F032675		0.14	0.8	14	0.6	2.1	24	69.1
F032676		0.30	0.6	166	0.7	28.8	104	96.6
F032677		0.23	0.3	82	0.6	8.5	66	64.8
F032678		0.17	0.3	102	0.6	7.6	92	53.6
F032679		0.25	0.6	123	0.7	10.6	88	63.8
F032680		0.23	0.7	139	0.7	13.2	110	70.0
F032681		0.21	0.9	20	0.2	7.0	55	176.5
F032682		0.17	0.3	273	0.3	20.2	109	57.1
F032683		0.19	0.3	91	0.4	9.7	73	30.5
F032684		0.22	0.5	44	1.0	5.7	55	51.2
F032685		0.08	0.5	143	0.3	12.1	79	24.8
F032686		0.18	0.5	202	0.3	12.4	114	38.0
F032687		0.18	1.1	116	0.4	15.0	60	182.5
F032688		0.23	1.3	120	0.4	15.3	77	189.0
F032689		0.14	0.6	187	0.7	16.2	98	10.5
F032690		0.23	0.3	251	37.7	19.1	149	54.6
F032691		0.09	0.5	189	0.4	12.6	136	12.7
F032692		0.13	0.4	139	0.2	10.9	95	12.7
F032693		0.17	0.4	191	0.5	6.3	96	15.1
F032694		0.12	0.4	161	0.1	10.7	94	7.2
F032695		0.22	0.9	166	0.4	10.7	49	134.0
F032696		0.23	2.2	70	0.9	13.4	53	254
F032697		0.46	3.8	36	1.4	18.4	46	376

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	WEI-21	Au-ICP21	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
F032698		2.06	<0.001		0.06	6.56	2.9	720	1.44	0.13	0.71	0.08	130.0	8.6	22	2.93
F032699		1.00	<0.001		0.06	8.07	1.4	550	1.44	0.09	1.89	0.02	62.6	6.8	32	1.49
F032700		0.83	<0.001		0.01	0.06	0.3	10	0.07	0.01	20.3	0.02	1.36	0.8	1	0.09
F638822		1.41	<0.001		0.05	6.53	<0.2	660	1.01	0.09	4.45	0.10	64.5	15.0	24	6.12
F638823		1.23	<0.001		0.11	7.77	1.0	360	1.28	0.08	1.52	0.04	100.5	10.8	32	1.22
F638824		0.48	<0.001		0.10	7.94	2.0	430	1.18	0.05	0.70	0.06	114.5	16.5	23	1.43
F638825		1.16	<0.001		0.03	7.55	89.0	870	1.90	0.14	3.23	0.07	58.1	14.7	82	2.88
F638826		1.17	0.001		0.04	7.49	3.0	960	2.03	0.14	3.04	0.06	74.7	15.5	92	3.16
F638827		1.35	0.001		0.05	7.74	8.8	960	2.04	0.21	3.23	0.10	67.4	15.5	85	3.66
F638828		1.28	<0.001		0.04	7.05	17.5	980	1.81	0.21	2.88	0.09	58.4	14.2	77	3.74
F638829		1.10	<0.001		0.03	7.80	11.4	860	2.02	0.18	3.19	0.08	63.7	15.3	85	4.00
F638830		0.91	0.003		0.06	7.82	9.8	860	1.75	0.16	3.24	0.06	59.8	12.8	84	3.18
F638832		1.01	0.003		0.12	5.73	22.3	710	2.33	0.53	1.04	0.17	53.1	4.6	57	8.60
F638831		0.91	0.009		0.15	6.47	3.6	470	1.03	0.07	1.25	0.03	20.6	8.1	83	3.93
F638833		1.54	0.002		0.02	7.74	8.0	850	1.92	0.16	3.86	0.08	75.3	20.8	112	5.05
F638834		1.48	<0.001		0.05	7.34	7.4	790	1.95	0.20	2.71	0.14	56.6	12.3	80	2.71
F638835		1.38	<0.001		0.10	5.72	7.3	590	1.48	0.11	2.38	0.15	53.3	8.5	69	1.94
F638836		1.28	0.077		0.59	7.58	22.0	1320	1.81	0.43	3.34	0.11	32.2	39.1	202	6.89
F638837		1.97	0.007		0.21	5.12	8.6	690	1.31	0.13	1.78	0.20	21.1	18.9	122	2.81
F638838		1.60	0.004		0.07	0.59	5.8	70	0.14	0.05	0.23	0.07	5.28	3.0	51	0.21
F638839		1.31	0.001		0.17	3.45	12.7	430	0.97	0.11	1.43	0.06	19.35	12.1	70	1.75
F638840		0.07	4.28		0.92	7.16	430	550	2.73	8.11	1.07	0.08	80.8	19.4	192	5.65
F638841		1.85	0.003		0.04	6.90	11.5	810	1.68	0.12	2.89	0.07	37.3	22.8	143	3.65
F638842		1.51	0.001		0.07	7.07	5.3	580	2.00	0.19	2.75	0.04	60.1	10.6	79	2.85
F638843		0.88	0.042		0.20	7.69	11.5	670	1.62	0.23	2.18	0.12	23.7	12.6	92	3.63
F638707		1.15	<0.001		0.05	7.68	3.3	670	1.66	0.03	3.47	0.14	46.7	14.5	64	2.69
F638708		1.09	<0.001		0.02	6.66	0.8	710	1.57	0.03	3.23	0.05	55.6	13.2	60	2.88
F638709		1.02	0.001		0.01	7.33	1.4	550	1.69	0.02	1.77	0.04	39.1	17.5	120	4.29
F638710		0.07	5.66	NSS	1.44	6.85	72.7	140	0.48	0.05	7.08	0.67	14.00	41.6	104	1.02
F638711		0.87	0.001		<0.01	0.05	0.8	10	<0.05	<0.01	0.02	<0.02	0.54	0.3	29	0.06
F638712		0.71	<0.001		0.02	5.81	5.2	410	0.99	0.02	0.98	0.02	36.4	12.8	123	2.22
F638713		0.89	<0.001		<0.01	1.82	1.0	170	0.27	<0.01	0.38	<0.02	4.15	3.4	52	0.90
F638714		0.81	<0.001		<0.01	0.11	0.8	10	<0.05	<0.01	0.02	<0.02	0.58	0.4	47	0.06
F638715		0.95	<0.001		0.01	6.54	3.0	360	1.46	0.01	1.36	0.02	17.60	5.8	50	2.10
F638716		1.76	0.009		0.07	4.24	15.2	460	0.57	0.22	1.90	0.03	42.1	33.2	74	0.32
F638717		1.38	<0.001		0.04	2.30	12.5	10	0.09	0.08	0.88	0.02	15.20	8.8	40	<0.05
F638718		1.25	0.001		0.04	7.49	5.8	500	1.76	0.50	5.15	0.12	49.4	30.4	124	0.61
F638719		1.56	<0.001		0.01	8.16	2.2	1090	2.06	0.03	3.70	0.10	56.0	15.2	69	3.36
F638720		0.91	<0.001		<0.01	0.07	<0.2	10	0.07	0.01	20.4	<0.02	0.90	0.4	1	0.06
F638721		1.02	0.002		0.04	7.44	8.8	760	1.67	0.06	2.61	0.41	52.4	13.9	64	3.53

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F032698		26.9	2.54	16.95	0.19	7.5	0.022	0.046	2.41	56.8	22.3	0.53	304	1.85	1.19	15.6
F032699		19.9	1.89	24.6	0.18	3.7	0.009	0.028	1.74	27.2	21.6	0.55	266	0.75	3.02	9.1
F032700		1.4	0.12	0.32	0.24	<0.1	0.013	<0.005	0.02	0.7	1.5	12.80	119	0.07	0.01	0.1
F638822		24.3	6.32	17.80	0.09	2.7	0.006	0.024	2.89	31.8	57.6	2.26	1400	0.71	1.34	6.9
F638823		21.3	2.69	19.50	0.19	3.5	<0.005	0.021	1.97	51.1	16.4	0.34	1125	1.21	2.87	9.9
F638824		22.7	3.07	21.1	0.20	4.4	<0.005	0.028	2.23	46.8	26.1	0.36	1200	1.22	2.37	10.6
F638825		4.6	3.41	22.7	0.20	2.0	0.007	0.035	2.06	24.7	26.5	1.61	616	1.07	3.39	7.1
F638826		5.6	3.25	21.3	0.21	1.9	<0.005	0.036	2.15	33.1	37.2	1.71	614	0.82	3.29	7.7
F638827		3.7	3.50	23.0	0.21	2.0	<0.005	0.034	2.10	29.0	26.3	1.67	635	1.01	3.33	7.4
F638828		5.4	3.11	20.2	0.21	1.6	<0.005	0.032	1.79	26.5	21.8	1.50	580	0.87	3.02	6.7
F638829		4.3	3.37	21.9	0.20	2.0	<0.005	0.034	2.12	27.7	27.3	1.63	607	1.01	3.44	7.4
F638830		12.7	3.40	18.65	0.16	1.8	<0.005	0.030	2.10	26.5	23.4	1.61	611	0.80	3.34	6.1
F638832		11.2	2.19	15.45	0.19	2.8	<0.005	0.021	1.41	28.6	28.6	0.82	372	2.09	2.59	8.5
F638831		19.0	3.47	15.80	0.17	3.1	<0.005	0.041	2.04	10.1	37.3	0.86	438	2.39	2.58	6.2
F638833		7.0	4.41	24.4	0.25	2.0	<0.005	0.044	2.44	32.2	49.8	2.27	734	1.12	3.04	7.8
F638834		56.9	3.13	21.0	0.21	2.2	<0.005	0.034	1.72	25.0	30.3	1.57	550	1.02	3.01	7.2
F638835		42.2	2.56	16.50	0.24	1.6	<0.005	0.031	1.41	24.7	26.0	1.27	417	1.50	1.90	5.2
F638836		612	7.75	26.0	0.19	1.4	0.005	0.119	4.26	13.3	72.2	4.22	947	1.23	0.96	5.5
F638837		167.0	4.18	18.45	0.14	1.5	<0.005	0.047	1.71	8.9	29.4	2.03	530	1.74	0.74	5.0
F638838		42.7	0.93	2.46	0.07	0.2	<0.005	0.012	0.23	2.3	6.4	0.24	213	3.32	0.03	0.7
F638839		88.8	2.72	12.55	0.12	0.9	<0.005	0.030	1.17	8.9	24.0	1.24	379	1.64	0.69	3.4
F638840		68.2	4.55	19.50	0.20	4.7	0.112	0.068	1.80	43.1	26.7	1.31	334	4.53	0.70	25.2
F638841		38.7	4.33	18.70	0.18	2.0	<0.005	0.036	2.71	16.3	44.0	2.45	630	0.81	1.85	5.2
F638842		55.8	2.67	18.80	0.22	2.2	<0.005	0.027	1.56	27.5	28.0	1.38	468	0.88	3.24	6.6
F638843		222	3.11	24.3	0.20	2.4	<0.005	0.098	2.29	10.4	44.1	1.60	828	1.13	2.88	4.5
F638707		8.2	3.41	24.0	0.22	2.1	<0.005	0.043	1.38	20.1	26.4	1.59	605	1.06	3.27	5.5
F638708		6.5	3.17	20.1	0.24	2.0	<0.005	0.035	1.49	25.0	23.3	1.46	612	1.20	2.45	4.6
F638709		8.0	3.49	19.85	0.20	3.5	<0.005	0.022	1.66	17.0	31.5	1.37	418	1.06	2.97	6.5
F638710		167.5	7.37	15.95	0.18	1.7	0.042	0.080	0.46	6.2	11.8	3.54	1265	1.79	1.64	3.6
F638711		1.2	0.53	0.22	0.05	<0.1	<0.005	<0.005	0.02	<0.5	0.5	0.01	57	2.22	0.02	0.2
F638712		10.2	3.63	15.30	0.13	2.9	<0.005	0.026	1.19	18.2	27.2	1.41	436	3.72	1.51	5.5
F638713		1.1	1.33	4.78	0.07	0.7	<0.005	0.006	0.53	1.9	7.7	0.38	171	3.13	0.64	1.5
F638714		3.0	0.89	0.44	<0.05	<0.1	<0.005	<0.005	0.04	<0.5	0.6	0.02	84	3.56	0.02	0.7
F638715		2.6	1.52	15.10	0.09	2.8	<0.005	0.008	1.00	8.7	15.6	0.53	184	1.45	3.35	2.7
F638716		216	3.35	10.45	0.14	1.4	0.021	0.022	1.60	18.2	8.7	0.86	410	52.4	0.85	5.2
F638717		74.1	2.12	7.12	0.09	0.6	<0.005	0.016	0.04	6.8	2.6	0.69	233	13.95	0.22	1.2
F638718		143.5	6.98	19.05	0.19	2.0	0.006	0.074	1.08	21.4	18.2	3.63	1420	74.0	2.14	5.3
F638719		10.1	3.60	25.6	0.20	2.7	<0.005	0.048	1.98	23.0	34.8	1.64	708	8.69	3.58	6.8
F638720		0.9	0.13	0.23	0.11	<0.1	<0.005	<0.005	0.02	0.5	1.5	12.75	123	0.13	0.01	0.1
F638721		17.4	3.44	21.9	0.19	2.3	<0.005	0.037	1.56	21.0	24.8	1.65	719	0.70	3.30	6.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F032698		18.6	520	19.4	88.1	<0.002	0.07	0.48	8.9	<1	1.4	280	0.98	<0.05	13.90	0.377
F032699		15.7	820	12.4	51.9	<0.002	0.03	0.35	6.7	<1	0.9	437	0.59	<0.05	9.80	0.321
F032700		0.4	20	0.6	1.0	<0.002	<0.01	0.11	0.1	1	<0.2	46.6	<0.05	<0.05	0.13	<0.005
F638822		24.7	680	6.8	112.0	<0.002	0.08	0.29	5.7	<1	0.8	448	0.46	<0.05	7.23	0.264
F638823		20.3	1010	6.8	75.0	<0.002	0.04	0.40	6.7	<1	0.7	370	0.60	<0.05	9.62	0.321
F638824		36.7	820	5.6	88.4	<0.002	0.03	0.43	8.2	<1	0.9	280	0.64	<0.05	10.25	0.383
F638825		34.3	900	16.7	69.6	<0.002	<0.01	0.74	9.1	<1	0.9	994	0.35	<0.05	6.01	0.275
F638826		38.6	900	16.2	72.2	<0.002	<0.01	0.26	9.2	<1	0.9	984	0.41	<0.05	6.89	0.270
F638827		35.8	940	18.2	64.6	<0.002	<0.01	0.98	9.4	<1	0.9	1050	0.39	<0.05	5.54	0.288
F638828		31.4	820	14.5	64.6	<0.002	<0.01	0.35	8.5	1	0.8	793	0.41	<0.05	5.68	0.243
F638829		34.0	930	17.6	79.5	<0.002	<0.01	0.48	9.3	<1	0.9	990	0.41	<0.05	6.61	0.283
F638830		29.6	890	15.3	64.9	<0.002	<0.01	0.40	8.1	<1	0.8	981	0.36	<0.05	5.59	0.273
F638832		25.5	250	24.0	51.2	<0.002	0.01	4.98	4.6	<1	0.7	339	1.22	<0.05	17.55	0.197
F638831		45.2	510	19.1	86.7	0.002	0.01	0.65	11.0	1	1.1	279	0.46	<0.05	8.70	0.296
F638833		47.8	1220	16.3	70.7	<0.002	0.01	0.90	13.4	1	1.1	1175	0.36	<0.05	4.73	0.342
F638834		30.5	880	19.1	50.5	<0.002	0.18	0.59	8.9	1	0.9	912	0.52	<0.05	6.23	0.266
F638835		23.5	670	16.1	46.0	<0.002	0.05	0.64	7.1	<1	0.8	588	0.30	<0.05	4.86	0.190
F638836		79.3	1220	6.0	108.0	0.002	0.61	0.64	24.6	1	1.3	358	0.24	<0.05	1.51	0.529
F638837		38.4	780	20.3	61.9	0.002	0.26	0.75	14.6	1	1.2	319	0.19	<0.05	1.58	0.338
F638838		8.9	110	2.9	8.6	<0.002	0.02	0.46	1.7	<1	0.2	20.7	<0.05	<0.05	0.27	0.035
F638839		24.6	460	5.1	42.5	<0.002	0.14	0.68	7.0	<1	0.7	233	0.16	<0.05	2.44	0.151
F638840		91.1	770	15.5	84.3	0.002	0.04	22.8	17.6	1	8.8	228	1.68	0.25	11.75	0.515
F638841		60.0	940	8.0	75.6	<0.002	0.07	0.79	13.7	<1	0.8	603	0.31	<0.05	4.13	0.332
F638842		27.0	790	14.1	46.5	<0.002	0.07	0.58	7.9	<1	0.7	916	0.38	<0.05	7.03	0.233
F638843		24.6	530	16.7	53.4	<0.002	0.10	1.16	9.1	1	1.0	519	0.28	<0.05	1.99	0.236
F638707		30.3	840	12.2	35.1	<0.002	0.02	0.58	8.9	<1	1.0	894	0.26	<0.05	3.52	0.291
F638708		27.0	750	8.1	52.3	<0.002	0.02	0.45	8.4	<1	0.6	608	0.28	<0.05	3.58	0.253
F638709		56.6	600	16.0	74.8	<0.002	0.01	0.24	11.7	<1	0.8	314	0.57	<0.05	11.45	0.292
F638710		81.5	410	28.8	15.0	0.003	0.39	1.63	39.1	1	1.1	224	0.24	0.13	1.16	0.560
F638711		1.4	10	<0.5	0.7	<0.002	<0.01	0.32	0.1	<1	<0.2	3.8	<0.05	<0.05	0.05	<0.005
F638712		49.6	460	20.5	48.0	0.002	0.02	0.34	11.0	<1	0.8	186.0	0.44	<0.05	11.35	0.262
F638713		14.8	140	3.1	21.0	<0.002	<0.01	0.28	2.6	<1	0.3	93.9	0.10	<0.05	3.20	0.076
F638714		2.5	20	<0.5	1.3	<0.002	<0.01	0.29	0.2	<1	<0.2	5.0	<0.05	<0.05	0.20	0.006
F638715		21.0	220	16.2	41.6	<0.002	0.01	0.32	4.1	<1	0.4	286	0.24	<0.05	16.00	0.120
F638716		29.5	800	3.1	52.9	0.006	0.79	0.58	7.5	1	1.0	313	0.26	<0.05	2.48	0.262
F638717		18.4	290	1.9	1.2	<0.002	0.23	0.28	5.3	<1	0.5	165.5	0.07	0.05	1.07	0.098
F638718		34.9	1130	5.4	37.5	0.007	0.12	1.18	30.5	<1	1.5	572	0.34	<0.05	4.19	0.505
F638719		36.5	900	10.4	45.7	<0.002	0.03	0.32	10.4	<1	1.2	878	0.43	<0.05	4.93	0.308
F638720		0.7	20	<0.5	0.8	<0.002	<0.01	0.06	0.1	<1	<0.2	38.6	<0.05	<0.05	0.09	<0.005
F638721		32.6	890	14.8	50.9	<0.002	0.09	0.24	9.1	<1	1.1	768	0.38	<0.05	4.52	0.295

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.1	1	0.1	0.1	2	0.5
F032698		0.34	3.2	40	2.1	16.4	54	322
F032699		0.18	2.1	62	0.9	7.1	47	146.5
F032700		<0.02	0.1	1	0.1	0.3	2	1.2
F638822		0.49	1.5	49	0.4	8.5	113	106.0
F638823		0.30	2.2	59	0.8	11.1	20	144.0
F638824		0.34	2.4	59	0.8	15.6	25	182.0
F638825		0.47	1.2	78	0.5	11.1	74	71.0
F638826		0.49	1.2	76	0.3	12.1	73	66.7
F638827		0.42	1.3	80	0.5	11.7	77	72.5
F638828		0.37	1.6	72	0.3	10.4	68	55.5
F638829		0.47	1.5	76	0.4	10.5	77	71.1
F638830		0.39	1.3	75	0.3	9.4	72	61.9
F638832		0.29	5.9	45	0.9	9.1	70	93.0
F638831		0.65	1.7	75	0.8	8.5	102	119.0
F638833		0.51	1.3	105	0.5	13.7	89	66.7
F638834		0.35	1.4	75	0.6	9.2	64	73.4
F638835		0.24	1.2	60	0.5	8.1	54	57.2
F638836		0.71	0.6	201	0.8	11.5	143	54.4
F638837		0.34	0.6	134	0.3	9.4	91	52.7
F638838		0.04	0.2	17	0.1	1.9	11	7.0
F638839		0.23	0.6	73	0.5	5.7	49	33.7
F638840		0.46	2.3	116	90.1	17.3	84	188.5
F638841		0.47	1.6	118	0.5	9.1	83	72.8
F638842		0.33	1.3	66	0.2	9.5	47	78.3
F638843		0.51	0.8	72	1.5	8.3	125	85.9
F638707		0.23	0.6	79	0.3	11.5	82	74.5
F638708		0.25	0.9	69	0.7	11.6	67	68.3
F638709		0.38	3.2	80	0.9	9.3	64	133.0
F638710		0.24	0.3	252	38.6	20.1	151	58.2
F638711		<0.02	<0.1	1	0.1	0.1	2	0.6
F638712		0.21	2.3	79	0.9	10.0	71	112.0
F638713		0.07	0.6	22	0.2	1.6	16	26.2
F638714		<0.02	<0.1	2	0.1	0.2	7	1.5
F638715		0.17	4.2	32	0.4	4.8	24	85.3
F638716		0.19	0.8	53	86.8	13.6	30	51.7
F638717		<0.02	0.3	51	0.7	4.3	20	22.2
F638718		0.13	1.2	197	24.7	22.1	108	89.8
F638719		0.27	1.4	87	0.8	12.6	77	91.9
F638720		<0.02	<0.1	1	0.1	0.2	2	0.5
F638721		0.26	0.9	81	0.4	12.5	104	80.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	WEI-21	Au-ICP21	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
F638722		1.74	<0.001		0.09	7.79	28.3	410	2.05	0.09	2.16	0.04	27.7	14.5	85	1.34
F638723		1.01	0.001		0.10	7.16	208	520	1.45	0.13	1.28	<0.02	14.10	8.7	96	0.83
F638724		0.96	<0.001		0.08	8.07	101.0	600	1.34	0.09	1.62	0.03	24.0	11.1	110	1.62
F638725		1.42	0.002		0.18	8.02	1130	650	1.45	0.21	2.28	0.06	18.70	21.4	115	1.96
F638726		1.60	<0.001		0.13	6.15	1335	580	0.98	0.04	1.01	0.09	28.2	14.0	79	0.65
F638727		0.73	<0.001		0.05	7.74	9.4	300	0.96	0.04	3.68	0.06	23.3	8.0	15	2.20
F638728		1.02	<0.001		0.07	7.09	1.8	290	0.91	0.10	2.94	0.05	16.85	6.2	15	1.71
F638729		0.80	0.002		0.46	7.95	3.4	350	1.41	0.32	1.15	0.20	12.55	9.1	86	1.82
F638730		0.76	0.001		0.44	8.84	5.2	640	1.03	0.31	0.60	0.22	7.44	9.1	110	1.87
F638731		0.44	<0.001		0.01	0.36	0.5	10	0.06	0.01	0.08	<0.02	1.04	0.4	28	0.07
F638732		0.92	0.025		0.27	6.94	13.8	440	1.03	0.55	0.95	0.02	57.5	4.5	99	6.79
F638733		0.57	0.001		0.24	9.11	0.8	550	1.08	0.17	2.09	0.05	23.8	3.6	41	1.73
F638734		0.88	0.006		0.31	5.64	6.5	280	0.98	0.37	1.22	0.03	37.2	3.6	76	3.04
F638735		0.55	<0.001		0.04	7.45	3.4	420	1.17	0.10	1.67	0.04	19.45	5.5	24	2.45
F638736		0.70	<0.001		0.07	7.56	10.9	370	1.55	0.14	6.16	0.41	65.4	30.5	253	3.35
F638737		1.20	<0.001		0.02	7.43	2.6	680	1.59	0.04	3.84	0.07	56.5	15.2	75	1.30
F638738		0.81	<0.001		0.09	7.72	1.6	820	1.67	0.03	3.49	0.10	48.8	15.8	95	1.56
F638739		0.57	<0.001		0.05	6.81	13.5	530	1.12	0.13	4.49	0.17	40.0	19.3	126	1.95
F638740		0.07	4.27		0.92	7.28	449	550	2.69	7.99	1.06	0.08	82.7	19.4	190	5.66
F638741		0.46	<0.001		0.06	5.40	9.6	60	0.80	0.18	0.65	0.05	33.4	7.9	51	0.58
F638742		1.15	<0.001		0.05	7.92	6.4	890	1.65	0.19	3.72	0.08	59.3	16.8	112	3.10
F638743		0.76	<0.001		0.03	7.78	4.1	780	1.41	0.14	3.74	0.09	67.6	21.3	173	3.32
F638744		0.82	<0.001		0.15	8.44	1.8	910	1.60	0.12	2.65	0.05	43.0	34.4	192	5.34
F638745		0.80	<0.001		0.02	8.78	1.7	1140	1.45	0.07	1.60	0.02	8.53	21.8	168	2.25
F638820		0.08	4.23		0.95	7.44	462	570	2.66	8.81	1.12	0.06	80.9	17.9	189	5.29

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F638722		25.7	3.88	23.7	0.14	3.0	<0.005	0.024	1.19	11.2	27.0	1.65	558	9.95	3.02	5.5
F638723		22.0	3.59	16.65	0.12	3.4	<0.005	0.023	1.58	6.5	23.5	1.25	537	3.58	2.10	6.1
F638724		26.7	3.41	19.25	0.13	3.8	<0.005	0.030	1.72	9.1	25.3	1.22	529	4.34	2.98	6.8
F638725		58.8	3.24	18.65	0.13	3.6	<0.005	0.020	1.56	9.1	21.4	1.27	395	5.71	3.18	3.0
F638726		19.8	2.74	13.80	0.10	2.3	<0.005	0.022	1.49	14.3	20.0	0.91	424	2.49	1.64	5.0
F638727		13.9	2.52	22.1	0.14	2.9	<0.005	0.026	0.94	10.3	27.8	0.72	408	1.02	2.97	4.6
F638728		14.0	2.05	20.2	0.12	2.2	<0.005	0.021	0.89	7.0	24.0	0.52	297	0.64	2.84	4.1
F638729		31.9	3.74	18.70	0.14	3.3	<0.005	0.038	1.97	5.3	36.1	1.25	594	2.95	2.13	6.4
F638730		34.6	4.34	22.0	0.11	3.3	<0.005	0.059	3.05	2.9	44.6	1.52	701	2.58	1.14	7.4
F638731		1.8	0.78	0.78	<0.05	0.1	<0.005	<0.005	0.05	0.5	1.2	0.03	96	3.15	0.14	0.2
F638732		45.3	4.33	15.80	0.13	4.6	<0.005	0.029	1.65	31.7	35.1	1.14	462	3.61	3.29	6.7
F638733		26.0	1.68	22.5	0.12	2.1	<0.005	0.015	0.60	11.3	14.2	0.48	232	0.66	5.71	3.4
F638734		48.6	2.88	12.95	0.12	3.1	<0.005	0.024	0.93	20.8	24.4	0.71	408	3.67	2.51	5.5
F638735		12.8	2.59	21.6	0.12	3.4	<0.005	0.022	1.40	8.0	31.7	0.99	490	1.84	2.58	5.2
F638736		28.2	6.61	18.70	0.19	3.2	<0.005	0.062	1.06	30.2	34.1	4.39	1445	0.32	2.07	10.4
F638737		9.4	3.69	21.6	0.20	2.1	<0.005	0.044	1.21	23.3	18.4	1.75	747	2.68	3.30	5.5
F638738		43.7	4.05	21.0	0.21	2.5	<0.005	0.036	1.52	21.4	25.0	2.04	865	2.27	3.33	6.0
F638739		45.3	5.59	16.00	0.16	2.1	<0.005	0.051	1.82	17.9	22.5	2.58	1090	1.18	1.10	3.7
F638740		69.3	4.54	19.15	0.18	4.7	0.109	0.062	1.81	44.3	28.8	1.31	328	4.53	0.74	26.4
F638741		9.8	3.01	14.50	0.11	1.3	0.030	0.032	0.13	15.2	6.9	1.31	271	1.92	0.57	3.2
F638742		19.0	3.75	21.7	0.22	1.7	<0.005	0.036	1.68	26.4	37.9	2.02	662	1.30	3.25	5.8
F638743		11.0	4.69	20.0	0.20	2.3	<0.005	0.040	1.80	32.0	37.6	3.03	788	1.12	2.74	5.6
F638744		63.5	5.49	25.1	0.20	3.9	<0.005	0.055	2.92	14.0	66.0	2.63	810	1.90	2.42	9.3
F638745		23.4	5.31	24.6	0.15	4.5	<0.005	0.051	2.32	3.8	47.9	2.00	708	3.47	2.18	8.2
F638820		65.5	4.65	18.40	0.20	4.9	0.123	0.062	1.85	43.0	25.9	1.35	348	4.12	0.75	24.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F638722		35.0	930	16.2	39.8	<0.002	0.18	0.31	10.8	<1	0.7	480	0.33	<0.05	6.45	0.313
F638723		32.7	630	12.6	51.6	<0.002	0.14	0.39	11.3	1	0.4	315	0.48	0.05	8.33	0.286
F638724		34.7	580	17.5	54.7	<0.002	0.11	0.25	13.2	<1	0.8	389	0.48	<0.05	9.77	0.337
F638725		32.8	570	45.4	48.6	0.002	0.58	0.46	13.0	<1	0.4	667	0.24	0.06	8.72	0.277
F638726		27.2	430	25.2	42.4	<0.002	0.10	0.62	9.0	<1	0.5	266	0.35	0.06	6.88	0.231
F638727		11.3	450	3.6	21.6	<0.002	0.01	0.51	5.3	<1	0.8	454	0.34	<0.05	1.28	0.202
F638728		7.8	390	3.1	19.6	<0.002	<0.01	0.44	4.3	<1	0.7	376	0.28	<0.05	0.87	0.188
F638729		24.6	570	104.0	64.3	<0.002	0.06	0.57	13.5	<1	0.8	211	0.50	0.08	8.24	0.312
F638730		24.0	590	103.0	79.6	0.002	0.07	0.54	18.4	<1	1.5	111.0	0.57	0.07	7.80	0.375
F638731		4.5	20	1.8	1.5	<0.002	<0.01	0.27	0.2	<1	<0.2	16.2	<0.05	<0.05	0.13	0.010
F638732		9.8	580	21.2	64.1	<0.002	0.23	0.50	9.6	1	0.9	277	0.60	0.17	12.05	0.301
F638733		7.6	630	18.5	21.5	<0.002	0.10	0.76	4.1	<1	0.4	577	0.30	0.09	5.34	0.163
F638734		8.0	400	16.2	41.4	<0.002	0.19	0.82	8.2	1	0.7	197.0	0.44	0.08	8.96	0.243
F638735		9.8	580	8.2	46.8	<0.002	0.01	0.30	5.0	<1	0.8	272	0.38	<0.05	3.40	0.204
F638736		60.7	1050	9.5	43.5	<0.002	0.04	0.92	24.9	<1	1.5	448	0.75	<0.05	6.38	0.403
F638737		36.5	920	7.3	26.3	<0.002	0.03	0.77	9.9	<1	1.2	827	0.28	<0.05	2.65	0.312
F638738		38.0	960	7.7	33.1	<0.002	0.05	0.50	12.5	<1	0.8	699	0.37	<0.05	4.30	0.349
F638739		34.3	1330	6.8	53.8	<0.002	0.42	0.44	19.0	1	1.0	476	0.21	<0.05	2.61	0.438
F638740		94.0	770	15.0	84.5	0.002	0.04	21.9	18.6	1	8.6	229	1.59	0.25	11.80	0.516
F638741		20.0	760	4.8	5.3	0.002	0.07	0.67	7.6	<1	0.6	343	0.17	<0.05	2.56	0.201
F638742		43.8	800	14.6	53.3	<0.002	0.01	1.12	11.3	<1	0.9	903	0.34	<0.05	4.81	0.302
F638743		53.6	870	12.4	62.5	<0.002	<0.01	0.94	15.4	<1	0.9	936	0.30	<0.05	5.60	0.332
F638744		82.8	950	12.8	72.3	<0.002	0.13	0.49	19.8	<1	1.1	501	0.53	<0.05	7.88	0.554
F638745		47.9	380	11.7	52.3	0.002	0.05	0.37	18.1	<1	1.2	370	0.46	0.06	11.35	0.492
F638820		88.8	800	15.1	83.3	0.002	0.04	20.9	17.6	1	8.1	233	1.58	0.25	11.90	0.534

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.1	1	0.1	0.1	2	0.5
F638722		0.22	1.5	91	0.4	8.1	62	108.5
F638723		0.18	2.2	83	1.1	9.2	46	127.5
F638724		0.25	2.5	99	0.9	8.5	51	144.0
F638725		0.27	1.9	108	0.8	6.4	57	136.0
F638726		0.15	1.7	67	1.1	7.6	68	90.5
F638727		0.15	0.3	37	0.3	5.6	62	108.5
F638728		0.12	0.2	35	0.3	3.7	54	89.3
F638729		0.33	2.5	95	0.9	11.1	130	123.0
F638730		0.32	2.5	124	1.8	10.4	119	122.5
F638731		<0.02	<0.1	2	<0.1	0.2	2	3.4
F638732		0.42	3.7	80	1.4	8.6	54	172.0
F638733		0.17	1.2	26	1.5	5.3	22	85.5
F638734		0.27	2.6	61	1.8	7.2	38	115.5
F638735		0.31	0.9	36	0.5	5.6	71	126.5
F638736		0.27	1.6	164	0.6	22.4	129	124.0
F638737		0.15	0.6	89	0.7	13.6	73	75.7
F638738		0.17	1.0	101	0.9	12.9	87	84.6
F638739		0.22	0.8	155	0.9	16.7	87	81.1
F638740		0.43	2.2	115	85.5	18.6	83	192.5
F638741		0.03	0.7	65	182.0	7.6	62	46.4
F638742		0.31	1.3	94	0.7	11.9	82	62.2
F638743		0.35	1.1	117	0.5	13.0	91	86.2
F638744		0.69	1.4	172	0.4	10.1	108	152.0
F638745		0.36	1.7	163	1.3	7.3	90	169.0
F638820		0.43	2.1	117	85.9	25.7	85	191.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 13-SEP-2022
Account: HASCAN

Project: LPR22.00005

CERTIFICATE OF ANALYSIS TB22239484

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

REEs may not be totally soluble in this method.
Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
Applies to Method:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-32	PUL-QC	SND-ALS	SPL-22Y
SPL-33	WEI-21		

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method:

Au-GRA21	Au-ICP21	Hg-MS42	ME-MS61
TRSPEC-20			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

CERTIFICATE TB22245974

Project: LPR22.00006

P.O. No.: 4500381950

This report is for 96 samples of Rock submitted to our lab in Thunder Bay, ON, Canada on 31-AUG-2022.

The following have access to data associated with this certificate:

PATRICK COLLINS	BRIGITTE GELINAS	DAVID HOLDER
SIMON HOULE	BRIAN HUA	LEE SCHOLL
BRANDON SMITH	LIZ STOCK	JACOB VANDERWAL
JOSEPH VRZOVSKI		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SND-ALS	Send samples to internal laboratory
TRSPEC-20	Spectral Scan VNIR and SWIR - Coarse
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-32	Pulverize 1000g to 85% < 75 um
SPL-33	Split Sample - scoop split

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number.Results apply to samples as submitted.All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, Director, North Vancouver Operations

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
F638551		2.27	<0.001		0.02	2.80	0.9	170	0.42	0.09	2.92	0.03	9.36	13.2	130	0.57
F638552		1.24	<0.001		<0.01	7.69	0.8	400	0.97	0.09	4.55	0.05	70.1	36.3	204	0.57
F638553		1.05	<0.001		0.04	7.83	0.6	370	0.82	0.09	3.99	0.07	53.8	21.8	103	1.42
F638554		1.06	<0.001		0.03	7.03	0.6	500	0.66	0.06	2.76	0.05	41.2	23.8	85	2.51
F638555		2.23	<0.001		0.09	7.42	0.6	320	0.79	0.18	5.39	0.09	51.9	23.6	80	1.64
F638556		0.55	<0.001		0.01	5.30	0.7	310	0.67	0.07	2.70	0.05	31.2	13.9	87	1.83
F638746		0.70	<0.001		0.05	8.02	0.8	600	1.12	0.16	1.62	0.03	18.45	5.8	30	1.72
F638747		0.73	<0.001		0.06	8.25	0.6	500	1.34	0.74	3.84	0.11	22.3	22.1	165	8.74
F638748		1.18	<0.001		0.03	0.41	0.2	60	0.05	0.10	0.50	<0.02	6.99	2.5	50	0.22
F638749		1.04	<0.001		0.03	7.43	0.8	150	0.76	0.29	5.28	0.06	16.95	58.4	41	0.85
F638750		0.56	<0.001		0.01	0.08	<0.2	10	0.06	0.01	20.7	0.02	0.92	0.6	2	0.08
F638557		1.05	<0.001		0.02	7.84	0.2	590	0.82	0.22	3.07	0.05	43.4	21.2	116	1.18
F638558		1.42	<0.001		0.13	7.72	0.8	450	3.74	1.40	5.26	0.10	27.6	19.5	101	4.25
F638559		1.00	<0.001		0.10	7.98	0.5	510	2.80	1.30	4.47	0.07	46.5	17.3	96	3.79
F638560		0.07	5.24	5.27	1.41	7.39	69.2	140	0.44	0.06	7.32	0.64	13.55	44.3	107	0.98
F638561		0.58	<0.001		0.02	4.76	0.7	250	0.49	0.80	3.55	0.05	15.80	9.5	50	4.17
F638562		1.17	<0.001		0.01	8.00	0.3	280	1.18	0.24	3.00	0.08	20.2	15.2	71	6.06
F638563		1.06	<0.001		0.02	8.84	0.3	500	1.32	0.40	4.19	0.08	53.3	20.4	17	14.10
F638564		1.30	<0.001		0.04	7.87	0.5	740	1.35	0.53	3.07	0.06	34.5	13.7	65	3.92
F638565		0.73	<0.001		0.01	8.29	1.1	620	0.91	0.27	3.91	0.10	19.55	28.1	104	12.75
F638566		0.73	<0.001		0.01	7.89	0.6	770	1.36	0.61	2.28	0.03	19.55	5.5	26	4.16
F638567		0.96	<0.001		0.01	8.16	0.7	450	1.12	0.14	2.64	0.04	43.5	18.4	118	0.76
F638568		0.75	<0.001		0.07	8.27	0.6	260	0.85	0.17	4.50	0.11	38.2	34.9	118	3.24
F638569		1.07	<0.001		0.24	8.64	1.6	560	0.92	0.06	2.22	0.04	35.7	16.9	110	2.63
F638570		0.84	<0.001		0.01	0.08	0.6	10	0.07	0.01	20.8	0.02	1.03	0.6	2	0.07
F638571		0.77	<0.001		0.03	6.31	0.6	620	0.75	0.36	1.84	0.03	34.2	6.6	75	0.82
F638572		0.96	<0.001		0.08	7.88	0.7	70	0.33	0.22	8.20	0.13	12.40	50.5	187	0.45
F638573		0.75	<0.001		0.01	6.20	0.8	830	2.00	0.03	0.34	0.04	41.8	2.6	9	0.46
F638574		1.12	<0.001		<0.01	6.13	0.7	390	1.92	0.56	0.90	0.02	29.1	1.3	19	0.23
F638575		1.09	<0.001		<0.01	5.69	0.4	400	3.77	0.04	0.07	<0.02	150.0	1.7	15	3.08
F638576		0.94	<0.001		<0.01	6.00	0.6	140	2.34	0.11	0.62	<0.02	29.2	0.5	27	0.28
F638577		1.34	<0.001		<0.01	2.92	0.7	150	1.21	0.07	0.24	<0.02	27.7	0.7	33	0.36
F638578		1.07	<0.001		<0.01	5.51	0.5	60	2.18	0.02	0.54	0.03	48.9	1.4	14	0.39
F638579		0.98	<0.001		<0.01	4.58	0.7	160	1.80	0.01	0.34	0.02	35.2	1.5	21	0.32
F638580		1.33	<0.001		<0.01	6.62	0.4	150	1.50	0.01	0.53	0.03	125.0	1.0	21	0.30
F638581		0.96	0.006		0.05	7.85	24.8	650	1.55	0.25	3.08	0.05	46.0	15.6	117	2.14
F638582		0.53	<0.001		0.03	8.45	25.8	830	1.56	0.16	3.60	0.07	45.8	17.9	128	3.11
F638583		1.36	<0.001		0.03	8.37	18.3	770	1.65	0.16	3.62	0.08	50.3	16.6	121	0.97
F638584		0.86	<0.001		0.02	8.17	10.4	810	1.51	0.19	3.04	0.11	44.8	18.9	142	2.43
F638585		0.94	0.004		0.02	8.40	13.4	1050	1.60	0.12	3.51	0.07	53.2	17.9	134	1.75

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F638551		20.8	2.26	8.94	0.06	0.6	<0.005	0.023	0.58	4.2	9.7	1.36	518	2.45	0.86	3.7
F638552		28.9	6.30	20.7	0.13	3.5	<0.005	0.050	0.77	31.4	11.5	3.95	967	1.53	3.30	8.8
F638553		28.6	4.08	20.5	0.10	2.8	<0.005	0.036	0.79	24.9	11.8	1.95	734	0.92	3.22	4.3
F638554		14.6	4.66	19.75	0.10	2.2	<0.005	0.029	1.46	19.0	23.6	2.36	711	2.32	1.72	3.9
F638555		38.7	4.18	20.4	0.12	2.7	<0.005	0.036	0.96	24.7	11.8	2.37	775	3.13	3.02	4.4
F638556		8.6	3.27	13.80	0.08	1.7	<0.005	0.021	1.00	13.9	14.6	1.37	499	2.26	1.78	3.1
F638746		20.7	1.69	19.20	0.15	1.8	<0.005	0.013	1.53	8.8	9.1	0.53	222	1.79	4.29	2.3
F638747		12.2	6.24	24.0	0.12	2.0	<0.005	0.054	2.68	9.6	49.2	2.93	1020	1.47	2.08	4.8
F638748		40.2	0.70	1.16	0.06	0.1	<0.005	<0.005	0.18	3.6	1.8	0.13	114	4.11	0.07	0.3
F638749		139.5	10.00	19.65	0.08	0.6	<0.005	0.073	0.58	6.7	21.9	4.26	1520	0.70	1.35	3.5
F638750		1.9	0.14	0.26	0.17	<0.1	<0.005	<0.005	0.02	0.5	1.4	13.15	120	0.15	0.01	0.1
F638557		18.8	3.81	18.80	0.15	2.6	<0.005	0.036	0.95	20.0	14.4	2.67	716	1.72	3.84	3.4
F638558		75.6	4.65	17.75	0.10	2.0	<0.005	0.037	1.58	13.6	5.4	1.65	864	1.50	2.69	3.5
F638559		96.3	3.94	18.65	0.11	2.0	<0.005	0.035	1.63	21.6	11.3	1.22	602	1.23	2.84	3.4
F638560		179.5	7.91	15.00	0.07	1.6	0.037	0.076	0.49	5.6	11.1	3.79	1310	1.68	1.77	3.4
F638561		11.2	3.37	11.85	0.06	1.2	<0.005	0.016	0.97	8.0	6.8	1.71	461	13.75	1.66	1.3
F638562		23.3	3.19	21.1	0.08	2.7	<0.005	0.027	0.53	7.1	10.4	1.65	520	0.76	4.47	3.1
F638563		15.0	5.21	21.2	0.14	2.6	<0.005	0.050	2.07	21.6	30.6	1.85	844	1.38	2.85	6.8
F638564		48.5	3.05	20.4	0.12	2.5	<0.005	0.028	1.73	17.0	10.6	1.24	472	1.06	3.42	3.2
F638565		16.3	5.78	20.2	0.09	2.8	<0.005	0.046	0.88	6.5	12.0	2.61	920	0.49	3.95	3.6
F638566		19.8	2.10	20.2	0.10	2.4	<0.005	0.024	1.89	7.3	10.6	0.74	262	1.60	3.32	3.8
F638567		6.9	3.53	17.50	0.11	3.4	<0.005	0.037	1.18	16.5	8.5	1.92	594	0.64	4.49	5.2
F638568		47.6	6.86	20.7	0.11	2.1	<0.005	0.040	1.45	18.3	24.5	2.45	1285	0.96	2.46	3.4
F638569		11.4	2.19	20.8	0.14	2.7	<0.005	0.029	3.81	15.8	10.9	1.00	461	1.03	2.69	5.1
F638570		0.9	0.12	0.31	0.29	<0.1	<0.005	<0.005	0.05	0.6	1.6	12.90	120	0.07	0.02	0.1
F638571		2.3	1.69	14.90	0.20	2.1	<0.005	0.017	1.77	17.0	8.2	0.69	267	2.50	2.51	2.5
F638572		87.1	7.97	15.50	0.08	0.4	<0.005	0.059	0.65	5.5	8.8	4.91	1355	0.54	1.16	3.1
F638573		4.9	1.39	18.80	0.12	6.7	<0.005	0.016	3.49	14.4	4.6	0.35	214	0.92	2.43	30.4
F638574		109.0	1.99	26.1	0.12	9.2	<0.005	0.373	0.59	14.4	2.7	0.17	184	2.09	4.14	41.3
F638575		2.2	1.92	31.4	0.24	8.0	<0.005	0.104	2.01	57.0	37.3	2.74	228	1.37	0.31	41.2
F638576		8.6	2.38	28.5	0.11	6.6	<0.005	0.210	0.55	12.0	2.6	0.13	104	2.69	4.09	31.8
F638577		3.6	1.68	14.80	0.08	2.9	<0.005	0.108	0.32	9.8	8.2	0.61	190	2.82	1.39	54.7
F638578		1.3	1.16	23.0	0.11	7.7	<0.005	0.019	0.32	18.0	8.7	0.81	192	1.72	3.40	31.8
F638579		1.9	1.14	15.65	0.12	3.8	<0.005	0.016	0.40	11.5	11.9	1.04	160	2.14	2.65	23.7
F638580		2.2	0.83	21.0	0.22	6.3	<0.005	0.025	0.62	51.2	8.0	0.63	114	4.87	4.58	25.6
F638581		30.5	3.36	19.65	0.13	1.4	<0.005	0.033	1.57	22.4	25.8	1.90	607	2.05	3.10	5.2
F638582		5.1	3.74	21.7	0.15	1.4	<0.005	0.040	2.01	20.5	23.6	2.11	656	1.06	3.33	5.5
F638583		11.9	3.58	21.7	0.13	1.4	<0.005	0.038	1.26	23.4	18.2	2.08	684	1.04	3.18	5.3
F638584		11.2	3.74	19.95	0.12	1.5	<0.005	0.035	1.46	20.3	25.2	2.27	749	1.01	3.16	5.7
F638585		42.5	3.58	20.3	0.14	1.2	<0.005	0.038	1.88	24.6	20.5	2.18	625	0.91	3.09	5.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F638551		32.2	250	1.4	18.6	<0.002	0.04	0.13	9.1	<1	0.7	137.0	0.11	<0.05	0.70	0.130
F638552		183.5	1380	4.4	16.6	<0.002	0.01	0.15	17.3	<1	1.1	957	0.47	<0.05	4.38	0.578
F638553		67.8	780	7.2	23.6	<0.002	<0.01	0.10	12.4	<1	0.7	740	0.26	<0.05	4.12	0.367
F638554		71.5	710	6.6	53.3	<0.002	<0.01	0.09	12.3	<1	0.6	486	0.25	<0.05	3.48	0.311
F638555		79.3	710	7.6	31.5	<0.002	0.04	0.12	12.4	<1	0.7	559	0.27	<0.05	4.38	0.347
F638556		48.4	510	5.9	32.7	<0.002	0.01	0.20	7.8	<1	0.5	431	0.17	<0.05	2.59	0.233
F638746		14.1	360	8.8	57.0	<0.002	0.02	0.27	4.0	<1	0.4	583	0.18	<0.05	3.92	0.178
F638747		41.1	810	8.7	114.5	<0.002	0.01	0.18	20.2	<1	1.0	739	0.24	<0.05	3.09	0.453
F638748		4.6	290	1.1	5.3	<0.002	0.01	0.09	0.8	<1	<0.2	40.8	<0.05	<0.05	0.16	0.021
F638749		56.4	600	4.2	22.9	<0.002	0.44	0.13	41.6	1	0.5	450	0.19	<0.05	0.52	0.685
F638750		0.9	20	1.0	1.0	<0.002	<0.01	0.08	0.2	1	<0.2	48.3	<0.05	<0.05	0.13	<0.005
F638557		84.7	960	6.1	21.6	<0.002	0.06	0.09	13.4	<1	0.6	1000	0.20	<0.05	4.23	0.336
F638558		63.1	750	8.2	38.2	<0.002	0.27	0.19	13.5	1	1.0	491	0.18	<0.05	3.54	0.320
F638559		63.1	840	7.5	33.1	<0.002	0.31	0.17	11.4	<1	0.9	499	0.19	0.05	4.03	0.329
F638560		87.7	440	29.3	14.9	0.002	0.43	1.51	41.7	1	1.0	242	0.21	0.13	1.11	0.613
F638561		31.5	320	4.5	36.4	0.009	0.01	0.09	4.1	<1	0.4	372	0.08	<0.05	1.79	0.156
F638562		39.1	560	8.8	18.1	<0.002	0.01	0.12	12.7	<1	0.6	1045	0.19	<0.05	3.95	0.279
F638563		20.1	1500	8.3	71.8	<0.002	0.12	0.17	11.3	<1	0.9	906	0.37	<0.05	3.28	0.478
F638564		36.0	540	8.6	51.7	<0.002	0.09	0.16	10.6	<1	0.6	675	0.19	<0.05	4.22	0.271
F638565		102.5	970	8.6	35.9	<0.002	0.03	0.08	18.5	<1	0.8	1185	0.22	<0.05	4.83	0.408
F638566		17.8	450	7.5	55.9	<0.002	0.02	0.12	4.7	<1	0.7	633	0.24	<0.05	4.32	0.212
F638567		86.2	1090	3.5	42.1	<0.002	0.01	0.09	15.0	<1	0.7	444	0.30	<0.05	5.38	0.462
F638568		113.5	720	5.4	41.5	<0.002	0.28	0.08	23.3	<1	0.6	375	0.20	0.09	2.98	0.343
F638569		58.7	740	9.2	128.5	<0.002	0.08	0.17	7.7	<1	0.7	404	0.29	0.05	3.33	0.402
F638570		1.2	20	0.5	2.3	<0.002	<0.01	0.07	0.2	<1	<0.2	49.4	<0.05	<0.05	0.14	<0.005
F638571		26.5	520	4.9	67.5	<0.002	<0.01	0.09	5.2	<1	0.4	412	0.14	<0.05	3.12	0.205
F638572		131.5	520	4.4	32.2	<0.002	0.01	0.17	35.5	<1	0.7	244	0.16	<0.05	0.44	0.463
F638573		3.2	90	30.6	60.5	<0.002	<0.01	0.05	2.1	<1	2.4	99.5	2.15	<0.05	14.45	0.088
F638574		1.9	40	2.4	16.7	<0.002	0.52	0.06	0.7	1	3.0	201	2.38	0.16	9.23	0.092
F638575		1.3	50	1.9	81.4	<0.002	<0.01	0.07	0.8	<1	7.1	8.6	2.54	<0.05	8.12	0.084
F638576		2.0	50	2.4	24.4	<0.002	0.01	0.06	0.6	<1	3.3	55.1	1.66	<0.05	6.96	0.084
F638577		2.9	30	2.2	10.5	<0.002	<0.01	0.05	1.1	<1	3.4	25.5	2.80	<0.05	5.03	0.094
F638578		1.5	60	2.7	6.5	0.002	<0.01	0.06	1.4	1	1.6	39.9	1.75	<0.05	5.85	0.085
F638579		1.7	50	1.3	12.0	<0.002	<0.01	<0.05	1.2	<1	1.0	37.6	1.28	<0.05	4.79	0.067
F638580		1.5	60	2.1	24.8	<0.002	<0.01	0.05	1.3	<1	0.9	56.5	1.56	<0.05	6.21	0.059
F638581		39.0	720	11.4	54.4	<0.002	0.01	1.17	9.1	<1	1.1	847	0.34	<0.05	4.68	0.262
F638582		46.4	750	14.2	59.6	<0.002	<0.01	0.74	10.6	<1	1.0	889	0.32	<0.05	4.55	0.293
F638583		44.9	750	13.3	32.0	<0.002	<0.01	0.99	10.7	<1	0.9	911	0.32	<0.05	4.98	0.290
F638584		49.3	780	12.2	46.2	<0.002	<0.01	1.06	11.5	<1	0.9	855	0.34	<0.05	4.58	0.295
F638585		49.9	770	12.3	49.6	<0.002	0.01	0.89	11.1	<1	0.9	911	0.34	<0.05	5.55	0.292

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.1	1	0.1	0.1	2	0.5
F638551		0.09	0.3	51	1.0	11.6	45	22.4
F638552		0.12	1.0	137	0.6	16.1	97	139.5
F638553		0.13	0.9	102	0.4	10.8	80	105.0
F638554		0.27	0.7	106	0.4	8.8	97	82.2
F638555		0.16	0.9	93	0.3	10.6	81	107.5
F638556		0.19	0.6	70	0.2	6.3	55	64.5
F638746		0.24	1.2	35	1.8	3.8	40	64.9
F638747		0.67	1.3	141	4.1	14.2	152	84.3
F638748		0.03	0.1	7	0.7	1.0	8	3.3
F638749		0.10	0.2	281	1.0	22.4	148	12.7
F638750		<0.02	<0.1	1	0.1	0.3	4	0.6
F638557		0.12	1.0	93	9.6	11.2	72	119.0
F638558		0.20	0.9	88	1.1	8.1	77	83.7
F638559		0.18	0.9	86	1.0	9.4	68	83.7
F638560		0.23	0.3	264	38.3	21.1	162	58.8
F638561		0.30	0.5	48	1330	4.3	52	55.6
F638562		0.11	1.5	79	4.9	8.0	77	109.5
F638563		0.44	0.8	117	2.5	13.2	100	112.0
F638564		0.25	1.6	79	1.5	7.4	63	103.5
F638565		0.20	1.0	128	0.5	14.5	86	121.0
F638566		0.28	1.2	40	10.8	4.3	48	102.0
F638567		0.20	0.9	98	2.9	14.7	70	149.5
F638568		0.23	0.8	95	1.5	10.4	117	95.7
F638569		0.69	0.8	81	1.0	8.1	53	115.0
F638570		<0.02	<0.1	1	0.1	0.3	4	0.7
F638571		0.25	0.8	46	1.0	5.3	44	88.8
F638572		0.09	0.1	220	0.8	20.9	106	9.9
F638573		0.21	2.6	5	0.6	40.8	34	183.0
F638574		0.07	2.1	6	1.9	113.0	15	301
F638575		0.21	3.7	1	1.5	123.5	52	261
F638576		0.03	1.5	2	1.1	67.8	12	217
F638577		0.03	1.5	7	2.2	73.1	36	95.8
F638578		0.02	1.0	2	0.7	61.6	25	263
F638579		0.05	0.8	2	0.6	53.2	27	134.5
F638580		0.05	1.1	1	0.5	78.8	19	215
F638581		0.24	1.4	84	0.5	10.0	72	47.6
F638582		0.34	1.1	89	0.3	10.8	84	48.2
F638583		0.16	1.1	87	0.5	11.2	71	45.4
F638584		0.26	1.0	91	0.4	10.9	100	49.8
F638585		0.27	0.9	89	0.2	11.0	75	43.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method	WEI-21	Au-ICP21	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
F638586		1.29	<0.001		0.02	7.36	30.4	710	1.55	0.13	2.07	0.03	49.7	16.5	134	2.44
F638587		1.16	0.004		0.08	5.94	68.1	670	1.18	0.08	2.41	0.05	33.0	7.9	115	0.85
F638588		1.22	0.012		0.10	4.27	126.0	490	0.69	0.14	1.25	0.02	24.1	6.2	98	0.38
F638589		0.98	0.202		17.45	1.26	1430	70	0.26	66.5	0.19	0.13	5.99	2.1	53	0.27
F638590		0.07	0.319		0.14	5.63	5.3	450	2.68	0.23	1.96	0.06	79.3	27.4	125	3.18
F638591		1.35	0.005		0.10	1.71	162.0	130	0.33	0.31	0.33	0.04	5.36	2.5	57	0.19
F638592		1.77	0.006		0.21	0.70	2970	60	0.12	0.32	0.24	0.02	2.11	3.1	48	0.09
F638593		0.95	0.002		0.07	7.85	23.4	650	1.43	0.15	4.91	0.08	44.7	29.3	347	0.94
F638594		1.03	0.004		0.09	8.97	12.8	450	1.34	0.44	2.64	0.03	56.4	12.6	44	1.66
F638595		1.19	0.124		0.19	8.79	270	290	1.66	1.40	1.19	0.03	22.8	12.0	58	0.95
F638596		0.89	0.003		0.17	10.95	72.2	680	1.31	0.55	0.93	0.04	8.37	11.8	68	1.38
F638597		1.34	<0.001		0.03	9.34	52.2	350	1.06	0.17	3.81	0.04	12.60	28.3	131	0.48
F638598		0.53	0.007		0.10	1.13	7.2	210	0.16	0.09	0.46	<0.02	6.58	14.9	41	0.16
F638599		0.48	<0.001		0.03	7.95	14.4	720	1.88	0.04	2.81	0.06	35.8	9.7	40	1.30
F638600		0.72	<0.001		0.01	0.07	<0.2	<10	0.08	0.01	20.8	0.02	1.08	0.9	1	0.08
F638601		1.01	0.001		0.03	7.90	3.5	510	1.57	0.11	3.89	0.02	46.2	15.8	119	0.90
F638602		1.06	<0.001		0.01	8.96	4.9	550	1.57	0.12	3.09	0.08	36.2	13.8	126	0.72
F032851		0.99	<0.001		0.03	6.10	90.4	540	0.95	0.11	2.17	0.28	108.5	29.7	237	0.88
F032852		0.81	0.003		0.35	6.06	92.5	190	0.54	0.26	4.33	0.39	12.35	40.1	46	0.35
F032853		0.88	0.001		0.24	7.68	105.0	360	0.69	0.28	5.24	0.38	16.45	49.2	61	0.40
F032854		1.20	<0.001		0.18	7.09	16.9	110	0.77	0.12	6.57	0.78	21.1	32.1	28	0.53
F032855		0.63	<0.001		0.04	11.10	45.6	790	0.90	0.02	3.74	0.12	6.66	52.1	42	2.44
F032856		0.64	<0.001		0.02	8.27	12.3	740	1.61	0.11	2.90	0.05	40.7	17.5	100	0.63
F032857		0.86	<0.001		0.05	7.05	11.0	80	0.54	0.05	5.92	0.13	13.95	42.3	31	0.14
F032858		1.00	<0.001		0.04	8.64	18.0	1030	1.68	0.03	3.15	0.06	29.6	27.4	49	1.03
F032859		0.99	<0.001		0.13	6.57	5.4	70	1.53	0.11	5.80	0.34	39.7	32.9	3	0.47
F032860		0.07	0.273		0.11	5.57	3.5	440	2.52	0.13	1.96	0.04	81.5	27.7	123	3.22
F032861		0.92	<0.001		0.07	5.99	2.1	150	1.14	0.03	5.01	0.20	34.5	26.1	6	0.63
F032862		0.85	<0.001		0.16	6.90	2.3	650	1.48	0.25	1.38	0.05	20.0	12.6	118	2.57
F032863		0.82	<0.001		0.04	7.44	3.8	170	0.49	0.04	5.44	0.26	9.68	45.9	63	1.14
F638844		0.35	0.001		0.06	8.28	55.1	780	1.55	0.13	3.41	0.13	29.0	17.2	146	2.52
F638845		0.97	<0.001		0.02	8.07	30.6	880	1.52	0.09	2.60	0.07	30.9	17.3	122	2.51
F638846		0.62	<0.001		0.01	7.99	31.1	890	1.64	0.15	3.18	0.08	34.1	14.7	122	0.92
F638847		1.03	<0.001		0.01	0.07	0.6	10	0.07	0.01	21.5	0.02	1.18	0.9	1	0.09
F638848		0.67	<0.001		0.07	9.14	11.8	210	0.81	0.17	5.82	0.26	20.8	44.5	209	0.53
F638849		1.19	<0.001		0.11	6.90	3.1	120	0.33	0.25	7.07	0.39	6.97	49.3	160	0.34
F638850		0.79	<0.001		0.13	7.57	20.1	670	1.21	0.32	1.56	0.04	21.0	10.8	71	1.02
F638603		0.72	<0.001		0.16	9.06	<0.2	520	1.60	0.15	4.22	0.20	52.9	14.9	60	3.01
F638604		0.93	<0.001		0.14	8.81	2.9	400	1.32	0.11	4.54	0.27	25.6	8.5	27	4.73
F638605		1.07	<0.001		0.04	8.33	3.1	710	1.66	0.09	3.37	0.08	32.7	13.0	78	3.29

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F638586		5.1	3.52	17.30	0.13	1.5	<0.005	0.033	1.89	23.2	26.3	1.92	506	1.80	2.39	5.0
F638587		180.5	2.63	14.10	0.12	1.1	<0.005	0.037	1.62	15.3	20.6	1.52	612	1.76	1.77	2.7
F638588		77.2	2.18	10.55	0.09	1.2	<0.005	0.026	1.73	11.2	11.6	1.14	367	2.09	0.96	2.3
F638589		28.6	1.44	3.32	<0.05	0.4	<0.005	0.008	0.22	2.6	4.4	0.38	134	2.70	0.23	1.2
F638590		24.0	4.69	17.30	0.13	5.7	0.009	0.050	1.58	43.4	20.2	1.43	567	2.35	1.47	40.6
F638591		3.2	1.16	4.58	<0.05	0.6	<0.005	0.009	0.44	2.3	6.4	0.50	166	3.38	0.32	1.1
F638592		3.5	1.07	1.82	<0.05	0.2	<0.005	<0.005	0.25	1.1	5.0	0.21	123	3.51	0.13	0.7
F638593		50.6	5.04	18.50	0.11	2.6	<0.005	0.048	1.04	18.7	17.2	4.14	856	0.50	2.91	6.7
F638594		26.5	3.75	22.3	0.13	4.7	<0.005	0.031	1.32	26.0	21.4	0.88	702	1.57	2.92	10.0
F638595		52.0	4.00	20.1	0.15	5.0	<0.005	0.031	1.25	11.1	14.0	0.72	617	1.86	2.27	11.0
F638596		22.6	6.46	26.2	0.17	5.7	<0.005	0.048	2.79	2.9	37.2	1.32	892	1.30	1.65	11.4
F638597		13.3	6.73	19.15	0.13	1.5	<0.005	0.025	0.92	5.1	31.1	3.03	1215	0.84	2.39	3.3
F638598		342	2.04	3.44	<0.05	0.4	0.005	0.012	0.87	2.9	3.1	0.21	174	204	0.06	1.5
F638599		19.7	3.05	22.6	0.12	3.2	<0.005	0.032	1.27	14.3	25.5	1.25	595	2.91	3.40	6.1
F638600		1.7	0.14	0.25	0.11	<0.1	<0.005	<0.005	0.02	0.6	1.9	13.20	125	0.85	0.01	0.1
F638601		18.2	3.43	20.9	0.09	2.0	<0.005	0.031	1.04	21.1	18.1	2.10	649	0.72	3.28	5.5
F638602		2.9	3.73	23.8	0.12	1.7	<0.005	0.033	1.34	15.4	18.8	2.23	769	0.61	3.60	6.0
F032851		1.9	5.47	15.10	0.20	3.9	<0.005	0.032	1.43	50.8	54.6	4.48	1260	1.92	0.60	6.4
F032852		94.0	9.89	17.90	0.08	1.1	<0.005	0.093	0.47	4.4	11.8	2.84	1850	0.98	1.67	4.3
F032853		84.8	11.35	21.2	0.18	1.6	<0.005	0.087	0.86	6.0	14.4	3.42	2160	0.76	2.17	4.7
F032854		71.2	15.85	19.25	0.10	1.6	<0.005	0.085	0.42	8.0	21.7	2.39	4920	2.48	0.56	7.1
F032855		11.4	6.91	19.80	0.11	1.4	<0.005	0.049	2.92	2.1	29.5	2.18	1450	1.77	2.52	4.3
F032856		7.2	4.01	22.9	0.11	2.0	<0.005	0.039	1.55	18.6	19.0	1.96	866	0.78	2.89	7.0
F032857		27.1	11.40	21.1	0.13	1.2	<0.005	0.102	0.27	4.8	9.9	2.84	2450	0.54	1.84	4.8
F032858		2.5	7.04	21.8	0.08	2.7	<0.005	0.052	2.30	12.0	49.4	3.29	1535	0.13	1.88	5.0
F032859		116.0	15.35	28.7	0.14	3.3	<0.005	0.206	0.31	15.0	24.1	2.58	3350	4.15	0.57	15.2
F032860		24.2	4.68	17.15	0.14	5.6	0.011	0.065	1.57	44.7	20.0	1.41	574	2.33	1.45	40.0
F032861		47.3	11.50	23.8	0.13	2.7	<0.005	0.166	0.34	13.0	17.2	1.83	3000	4.53	1.08	13.8
F032862		20.3	3.63	17.15	0.08	4.6	<0.005	0.032	1.75	9.0	34.0	1.24	565	1.99	2.43	7.1
F032863		34.4	11.05	20.2	0.07	1.5	<0.005	0.109	0.46	3.3	21.0	3.77	1945	0.45	2.26	4.3
F638844		6.4	4.04	22.4	0.08	1.6	<0.005	0.038	1.63	12.2	30.5	2.29	767	0.85	3.38	5.8
F638845		1.7	3.46	20.2	0.17	1.3	<0.005	0.027	1.92	12.9	38.5	2.01	593	0.78	3.81	4.8
F638846		6.5	3.37	21.5	0.15	1.3	<0.005	0.030	1.54	14.6	20.2	1.89	670	0.94	3.29	5.5
F638847		1.4	0.14	0.25	0.09	<0.1	<0.005	<0.005	0.02	0.6	2.0	13.30	125	0.06	0.02	0.1
F638848		60.0	9.86	19.65	0.09	1.1	<0.005	0.055	0.43	7.7	10.2	2.45	2810	1.20	2.86	4.2
F638849		63.2	14.90	16.40	0.14	0.7	<0.005	0.055	0.31	2.5	12.6	4.27	4050	6.14	1.02	2.9
F638850		25.2	3.25	17.50	0.07	3.4	<0.005	0.026	1.29	8.8	20.2	1.08	496	2.26	3.09	6.3
F638603		31.0	4.00	21.5	0.08	3.9	<0.005	0.036	0.76	25.8	29.4	2.21	846	0.92	2.75	6.7
F638604		24.8	1.88	25.9	0.10	4.0	<0.005	0.026	1.29	11.4	21.7	0.53	1045	1.70	1.51	5.5
F638605		12.2	3.11	22.1	0.13	1.8	<0.005	0.032	1.67	15.8	30.0	1.61	572	0.98	3.14	5.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F638586		40.0	680	21.5	68.0	<0.002	0.35	1.12	10.1	<1	0.7	703	0.36	<0.05	5.42	0.266
F638587		30.4	560	13.8	55.5	<0.002	0.17	2.55	8.1	1	0.5	542	0.16	<0.05	3.72	0.207
F638588		20.0	440	8.0	56.0	<0.002	0.37	1.66	6.6	<1	0.4	309	0.11	<0.05	2.66	0.165
F638589		6.6	160	1070	8.6	<0.002	0.10	18.55	1.8	1	0.2	82.9	0.05	0.41	0.85	0.049
F638590		105.0	1320	10.4	66.7	<0.002	0.01	0.36	11.0	<1	2.4	416	2.60	<0.05	8.53	0.659
F638591		8.3	210	8.5	14.0	<0.002	0.13	1.21	2.6	<1	0.2	124.0	0.07	<0.05	0.99	0.067
F638592		4.5	90	4.2	6.6	<0.002	0.14	4.24	1.1	<1	<0.2	38.8	<0.05	<0.05	0.35	0.024
F638593		137.5	1170	11.8	35.7	<0.002	0.16	0.96	18.8	1	1.1	886	0.44	<0.05	6.26	0.407
F638594		26.8	860	10.2	44.2	<0.002	0.10	0.47	10.6	1	1.0	461	0.59	0.07	6.83	0.405
F638595		27.3	500	16.4	57.4	<0.002	0.25	0.60	16.4	1	0.6	248	0.70	0.25	5.01	0.546
F638596		55.9	620	7.5	98.7	<0.002	0.12	0.51	21.9	<1	1.2	193.5	0.81	0.06	5.38	0.574
F638597		112.5	440	7.3	17.0	<0.002	0.01	0.80	21.5	<1	0.6	268	0.20	<0.05	1.46	0.341
F638598		12.1	130	1.4	24.9	0.119	0.47	0.56	1.9	1	0.3	170.0	0.06	<0.05	0.64	0.049
F638599		19.2	790	14.1	30.2	0.002	0.11	0.45	7.4	<1	1.0	723	0.35	<0.05	3.00	0.268
F638600		0.7	20	1.0	0.9	<0.002	<0.01	0.08	0.2	<1	<0.2	47.4	<0.05	<0.05	0.13	<0.005
F638601		44.9	720	12.0	25.0	<0.002	<0.01	0.72	10.6	<1	0.9	868	0.35	<0.05	4.58	0.276
F638602		48.7	790	11.8	32.0	<0.002	<0.01	0.80	10.1	<1	0.8	911	0.41	<0.05	3.82	0.299
F032851		189.5	1940	8.7	60.8	<0.002	0.01	0.36	15.4	<1	1.1	149.0	0.33	<0.05	11.90	0.411
F032852		39.2	500	11.4	15.8	0.002	0.60	1.29	40.2	1	0.6	177.5	0.25	0.07	0.53	0.844
F032853		50.6	600	9.3	28.2	0.003	0.67	1.21	47.2	<1	0.6	254	0.29	<0.05	0.62	0.975
F032854		35.1	880	4.2	13.0	0.002	0.35	2.72	40.5	1	1.1	37.1	0.44	<0.05	0.81	0.976
F032855		88.6	550	7.4	70.6	0.003	0.03	0.65	22.6	<1	0.7	221	0.25	<0.05	0.21	0.636
F032856		41.3	770	9.4	50.5	<0.002	0.28	0.46	11.2	1	1.1	676	0.50	<0.05	4.77	0.312
F032857		34.0	560	4.8	4.9	0.003	0.10	1.83	49.2	<1	0.9	118.0	0.28	<0.05	0.41	0.959
F032858		24.2	1230	4.4	60.4	<0.002	<0.01	0.25	23.5	<1	1.3	357	0.27	<0.05	2.01	0.545
F032859		6.8	2090	2.8	6.2	0.017	0.59	1.84	41.4	1	2.8	38.9	0.92	0.08	1.27	1.265
F032860		105.5	1300	9.0	65.3	<0.002	0.01	0.36	11.2	<1	2.5	409	2.59	<0.05	8.57	0.659
F032861		6.5	1980	2.3	15.0	0.007	0.12	1.11	35.3	1	2.0	119.0	0.80	<0.05	1.11	1.170
F032862		26.9	470	30.4	75.4	<0.002	0.15	0.54	10.0	<1	1.0	144.0	0.57	<0.05	13.70	0.270
F032863		47.6	530	4.0	14.6	<0.002	0.03	1.02	43.9	1	1.0	113.0	0.27	<0.05	0.37	0.889
F638844		52.5	740	15.6	44.6	<0.002	<0.01	1.01	10.9	<1	1.0	945	0.34	<0.05	2.00	0.297
F638845		45.0	740	10.6	47.6	<0.002	0.06	0.45	9.8	<1	0.8	744	0.27	<0.05	2.26	0.275
F638846		42.7	750	11.7	43.8	<0.002	<0.01	0.96	10.0	1	1.0	969	0.29	<0.05	2.83	0.283
F638847		0.7	20	0.8	1.0	<0.002	<0.01	0.09	0.2	1	<0.2	52.6	<0.05	<0.05	0.11	<0.005
F638848		134.0	480	9.0	11.4	<0.002	0.09	1.36	33.4	<1	0.7	491	0.23	<0.05	1.24	0.816
F638849		117.5	290	2.3	7.7	0.005	0.07	2.05	27.0	<1	0.7	57.6	0.18	<0.05	0.43	0.599
F638850		30.6	520	20.3	43.4	<0.002	0.12	0.43	11.0	1	0.9	349	0.46	0.08	7.89	0.300
F638603		30.5	1010	20.9	26.8	<0.002	0.20	1.28	11.4	<1	1.4	682	0.42	<0.05	5.57	0.354
F638604		16.4	530	20.5	66.4	<0.002	0.14	2.46	6.1	<1	1.0	316	0.41	<0.05	2.19	0.244
F638605		34.0	690	19.2	40.6	<0.002	0.01	0.87	7.5	<1	0.8	778	0.48	<0.05	4.59	0.260

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.1	1	0.1	0.1	2	0.5
F638586		0.37	1.4	83	0.6	9.5	79	50.2
F638587		0.25	0.9	66	0.6	6.5	64	39.5
F638588		0.24	1.0	62	0.6	4.9	42	37.1
F638589		0.10	0.4	21	0.5	1.4	25	11.2
F638590		0.25	1.9	72	1.6	20.0	97	240
F638591		0.07	0.4	29	0.3	2.2	23	21.1
F638592		0.02	0.2	11	0.3	1.0	13	6.8
F638593		0.15	1.8	126	0.3	20.7	84	116.0
F638594		0.23	1.7	79	0.9	10.7	56	184.5
F638595		0.25	1.4	96	1.0	16.0	59	178.5
F638596		0.49	1.8	136	3.6	13.9	81	199.0
F638597		0.17	0.4	124	0.6	9.6	103	55.7
F638598		0.13	0.3	17	86.2	1.9	16	13.8
F638599		0.21	1.1	66	0.9	9.1	59	104.5
F638600		<0.02	0.1	1	0.1	0.3	4	0.6
F638601		0.18	1.0	85	0.3	9.6	72	57.0
F638602		0.18	0.8	88	0.8	9.0	76	50.0
F032851		0.29	2.6	124	2.5	14.2	157	148.0
F032852		0.08	0.1	327	0.9	28.5	190	36.9
F032853		0.11	0.2	371	1.1	32.4	200	47.8
F032854		0.07	0.2	288	2.0	32.5	237	67.0
F032855		0.53	0.3	186	1.3	11.9	113	51.7
F032856		0.28	1.0	92	0.7	9.7	71	59.8
F032857		0.02	0.1	375	0.6	34.6	136	38.4
F032858		0.42	0.7	211	0.8	12.8	87	99.8
F032859		0.05	0.3	72	1.4	92.4	214	109.5
F032860		0.25	1.9	72	1.5	20.0	96	237
F032861		0.05	0.3	65	0.8	73.7	155	95.2
F032862		0.36	3.6	65	1.0	11.2	54	163.5
F032863		0.06	0.1	353	0.4	33.2	143	42.8
F638844		0.38	0.8	92	0.2	8.8	105	38.6
F638845		0.38	0.6	82	0.2	7.7	78	39.8
F638846		0.24	0.9	81	0.4	8.6	66	38.9
F638847		<0.02	0.1	1	0.1	0.3	4	0.5
F638848		0.07	0.3	232	0.5	18.1	123	34.1
F638849		0.05	0.2	180	0.3	16.7	194	22.4
F638850		0.25	2.1	78	1.1	9.9	58	123.0
F638603		0.40	1.6	95	0.4	13.4	94	149.5
F638604		0.81	0.6	45	0.6	7.3	94	144.0
F638605		0.34	1.2	72	0.3	8.3	70	53.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method	WEI-21	Au-ICP21	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
F638606		0.60	<0.001		0.03	0.22	8.4	20	<0.05	0.01	0.31	0.02	11.70	0.7	53	0.07
F638607		0.91	0.002		0.06	8.13	28.8	860	1.86	0.17	3.36	0.05	45.1	17.6	119	2.94
F638608		0.52	<0.001		0.08	1.14	8.1	130	0.26	0.04	1.01	0.05	11.40	4.5	63	0.32
F638609		0.98	0.012		0.16	6.63	5.9	740	1.27	0.20	1.62	0.03	41.8	24.3	137	2.81
F638610		0.07	0.325		0.11	5.68	3.2	450	2.54	0.13	2.01	0.06	78.0	28.0	128	3.20
F638611		1.30	<0.001		0.02	8.13	8.4	1230	1.07	0.05	1.96	0.05	40.0	19.0	140	0.51
F638612		0.81	0.001		0.01	5.69	14.8	800	2.14	0.09	5.21	0.18	28.2	40.4	591	0.47
F638613		0.40	<0.001		0.01	0.53	5.7	160	0.09	0.01	0.37	0.02	2.98	1.6	53	0.11
F638614		0.95	0.001		0.03	8.28	7.1	1040	1.92	0.21	3.56	0.10	44.4	14.0	133	0.52
F638615		0.63	<0.001		0.02	0.25	7.3	10	<0.05	0.01	0.07	0.04	5.10	2.0	40	0.08
F638616		0.63	<0.001		0.02	6.66	11.4	50	0.20	0.06	1.46	0.08	32.1	18.6	115	0.09
F638617		1.14	0.002		0.11	5.79	12.2	70	0.35	0.15	1.36	0.12	61.3	23.1	117	0.10
F638618		1.19	<0.001		0.02	7.52	2.6	60	0.30	0.03	1.86	0.06	22.5	11.9	90	<0.05
F638619		1.06	<0.001		0.01	6.44	10.7	330	0.83	0.18	5.48	0.08	76.9	36.1	268	0.65
F638620		1.17	<0.001		0.02	0.07	<0.2	10	0.06	0.02	21.2	0.02	1.16	0.9	2	0.10
F638621		0.48	<0.001		0.01	0.77	6.4	370	0.08	0.01	0.54	0.02	6.88	2.4	54	0.10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.2	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
F638606		3.7	1.05	0.61	<0.05	<0.1	<0.005	<0.005	0.03	6.4	1.2	0.06	130	4.09	0.06	0.8
F638607		34.0	3.53	21.5	0.17	1.9	<0.005	0.035	1.78	21.3	29.6	2.10	546	1.69	2.99	5.9
F638608		21.9	1.63	3.29	0.05	0.2	<0.005	0.008	0.31	5.6	8.5	0.42	386	3.70	0.31	3.2
F638609		231	3.43	18.00	0.12	1.5	<0.005	0.025	1.47	19.8	26.3	1.90	410	6.67	2.41	4.4
F638610		24.0	4.77	17.90	0.17	5.7	0.015	0.059	1.60	44.9	20.9	1.45	574	2.34	1.48	39.1
F638611		9.6	3.17	20.1	0.16	1.7	<0.005	0.028	2.77	18.3	13.4	2.18	541	0.67	3.05	5.2
F638612		2.6	6.42	18.55	0.14	2.4	<0.005	0.066	2.33	12.9	15.2	7.16	1440	3.27	1.21	3.7
F638613		5.9	1.37	1.37	<0.05	0.1	<0.005	<0.005	0.22	1.5	2.7	0.19	180	3.52	0.18	1.0
F638614		4.0	3.55	23.3	0.13	1.5	<0.005	0.039	2.08	20.6	12.2	2.14	638	1.03	3.00	5.4
F638615		6.4	1.44	0.94	<0.05	<0.1	0.005	<0.005	0.03	2.9	1.2	0.07	139	3.25	0.05	0.8
F638616		6.7	3.06	20.3	0.06	1.5	<0.005	0.036	0.14	14.4	5.2	2.06	486	4.98	0.64	0.9
F638617		55.8	3.34	17.20	0.08	2.1	<0.005	0.038	0.14	28.6	4.7	1.61	411	1.65	0.71	3.9
F638618		2.0	3.10	22.6	0.09	1.2	<0.005	0.045	0.17	10.3	7.2	2.36	432	1.21	0.71	2.2
F638619		3.7	6.75	21.4	0.17	1.7	<0.005	0.055	1.25	36.2	33.1	4.59	1300	0.80	0.91	5.7
F638620		1.4	0.14	0.22	0.05	<0.1	<0.005	<0.005	0.02	0.6	3.1	13.35	124	0.14	0.01	0.1
F638621		3.1	1.28	1.81	<0.05	0.1	<0.005	<0.005	0.28	3.4	2.8	0.38	176	2.89	0.22	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
F638606		3.7	30	1.6	1.5	<0.002	<0.01	0.53	0.5	<1	0.2	23.0	<0.05	<0.05	0.13	0.007
F638607		42.1	790	22.8	44.9	<0.002	0.33	0.80	10.9	<1	0.9	965	0.38	<0.05	4.95	0.304
F638608		11.9	220	7.7	11.8	<0.002	0.01	0.50	2.1	<1	0.3	96.1	0.20	<0.05	0.68	0.083
F638609		44.5	710	9.6	55.2	0.002	0.36	0.59	9.3	<1	0.6	641	0.23	0.07	4.54	0.264
F638610		106.0	1340	8.7	67.1	<0.002	0.01	0.35	11.2	<1	2.7	420	2.45	<0.05	9.19	0.666
F638611		58.8	750	7.1	67.6	<0.002	0.11	1.07	10.2	1	0.8	579	0.34	<0.05	4.19	0.295
F638612		368	780	3.1	73.6	0.002	0.09	1.70	19.6	<1	1.0	491	0.24	<0.05	4.02	0.360
F638613		8.2	90	0.9	6.4	<0.002	<0.01	0.40	0.7	<1	0.2	33.8	<0.05	<0.05	0.35	0.019
F638614		47.7	770	11.8	41.7	<0.002	<0.01	1.12	10.4	<1	0.9	936	0.34	<0.05	4.94	0.291
F638615		4.3	90	2.0	1.0	<0.002	<0.01	0.36	0.5	1	0.2	17.9	<0.05	<0.05	0.21	0.009
F638616		30.9	640	7.0	1.8	<0.002	0.01	0.28	10.4	<1	1.1	438	0.06	<0.05	4.62	0.218
F638617		36.4	930	15.2	4.0	<0.002	0.20	0.46	9.3	<1	1.3	396	0.30	<0.05	7.48	0.242
F638618		46.5	590	7.0	0.9	<0.002	<0.01	0.35	12.0	<1	1.7	485	0.13	<0.05	2.76	0.201
F638619		75.3	1680	7.8	39.1	<0.002	<0.01	1.42	20.3	<1	1.3	843	0.34	<0.05	7.63	0.497
F638620		1.0	30	0.7	1.0	<0.002	<0.01	0.21	0.2	<1	<0.2	49.7	<0.05	<0.05	0.12	<0.005
F638621		7.2	120	1.7	7.2	<0.002	<0.01	0.62	1.0	<1	0.2	69.8	<0.05	<0.05	0.58	0.034

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.1	1	0.1	0.1	2	0.5
F638606		<0.02	0.1	4	0.1	0.9	12	1.2
F638607		0.37	1.2	90	0.5	9.6	75	55.8
F638608		0.08	2.9	19	0.3	4.1	27	6.9
F638609		0.32	1.1	84	0.5	7.5	73	46.7
F638610		0.27	2.0	74	1.6	20.6	98	243
F638611		0.36	1.1	83	0.2	9.9	58	54.5
F638612		0.29	1.4	136	0.3	18.9	121	84.2
F638613		0.02	0.1	7	0.1	0.7	16	3.3
F638614		0.24	1.4	91	0.5	10.7	64	50.8
F638615		<0.02	0.3	6	0.2	0.7	14	0.9
F638616		0.02	0.9	116	0.5	6.8	63	43.4
F638617		0.02	1.8	86	0.4	12.4	49	59.7
F638618		0.02	0.7	153	0.2	6.9	59	37.6
F638619		0.15	2.1	170	0.9	20.5	120	73.4
F638620		<0.02	<0.1	1	0.1	0.3	4	0.6
F638621		0.04	0.1	11	0.2	1.3	15	7.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 26-SEP-2022
Account: HASCAN

Project: LPR22.00006

CERTIFICATE OF ANALYSIS TB22245974

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-32	PUL-QC	SND-ALS	SPL-22Y
SPL-33	WEI-21		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-GRA21	Au-ICP21	Hg-MS42	ME-MS61
TRSPEC-20			

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

CERTIFICATE TB22252481

Project: LPR22.00007

P.O. No.: 4500381950

This report is for 135 samples of Rock submitted to our lab in Thunder Bay, ON, Canada on 6-SEP-2022.

The following have access to data associated with this certificate:

PATRICK COLLINS	BRIGITTE GELINAS	DAVID HOLDER
SIMON HOULE	BRIAN HUA	LEE SCHOLL
BRANDON SMITH	LIZ STOCK	JACOB VANDERWAL
JOSEPH VRZOVSKI		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SND-ALS	Send samples to internal laboratory
TRSPEC-20	Spectral Scan VNIR and SWIR - Coarse
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-32	Pulverize 1000g to 85% < 75 um
SPL-33	Split Sample - scoop split

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	
Hg-MS42	Trace Hg by ICPMS	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number.Results apply to samples as submitted.All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, Director, North Vancouver Operations

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	WEI-21	Au-ICP21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F032864		0.86	0.003	0.02	7.22	2.5	320	0.55	0.05	3.26	0.05	30.5	23.4	144	1.09	42.6
F032865		0.62	<0.001	0.08	7.34	3.0	280	0.54	0.11	3.14	0.06	29.8	27.5	131	0.80	44.5
F032866		2.20	0.015	0.37	7.48	9.3	360	0.83	0.01	4.60	0.05	56.8	27.0	69	0.83	16.0
F032964		1.23	<0.001	0.02	7.69	1.0	430	0.55	0.19	5.87	0.07	27.7	34.3	72	2.89	41.6
F032965		1.15	<0.001	0.01	8.32	0.3	140	0.40	0.11	7.00	0.07	31.4	35.9	71	0.82	14.2
F032966		1.42	0.001	0.09	7.64	0.3	80	0.24	0.05	7.73	0.15	6.86	42.1	204	1.60	77.7
F032967		0.90	<0.001	0.09	6.24	0.6	150	0.51	0.80	6.03	0.12	18.90	39.8	47	1.10	120.0
F032968		1.24	0.002	0.16	8.21	0.8	370	0.51	0.25	4.28	0.05	15.50	18.0	107	1.88	41.7
F032969		0.96	<0.001	0.03	8.07	0.9	260	0.47	0.06	5.18	0.10	11.30	18.8	139	1.26	18.6
F032970		0.07	0.325	0.08	5.46	3.7	430	2.35	0.12	1.94	0.06	69.4	26.6	117	2.85	23.0
F032971		1.03	0.003	0.07	8.19	1.1	660	0.53	0.56	4.89	0.11	14.65	18.5	112	2.42	39.5
F032972		0.65	0.004	0.04	7.58	0.3	340	0.49	0.04	3.91	0.09	23.0	23.8	139	2.37	49.7
F638630		0.77	0.001	0.05	8.05	64.9	1210	1.64	0.29	2.91	0.12	87.4	9.1	90	0.72	13.4
F638631		0.80	<0.001	0.04	8.66	75.9	920	1.48	0.32	2.97	0.11	92.9	11.2	94	0.59	7.5
F638632		0.63	0.002	0.10	7.76	6.9	1060	1.81	0.13	3.51	0.09	69.9	16.8	92	2.92	4.2
F638633		0.90	<0.001	0.01	8.67	7.3	1180	1.37	0.12	4.35	0.07	63.3	15.9	18	3.76	8.9
F638634		0.82	<0.001	0.01	7.77	7.9	840	1.74	0.28	3.44	0.09	80.2	15.0	95	3.31	13.4
F638622		0.82	<0.001	0.03	7.25	1.0	580	0.52	0.07	2.84	0.04	20.2	11.1	52	1.03	24.5
F638623		0.87	0.025	0.01	7.40	1.4	480	0.73	0.05	2.39	0.05	17.05	16.1	82	0.86	71.0
F638624		0.90	<0.001	0.03	7.36	1.9	300	0.63	0.02	2.17	0.04	30.9	16.2	82	0.58	35.6
F638625		1.19	0.016	0.20	8.47	2.2	980	1.51	0.65	2.52	0.09	129.5	18.2	28	1.22	28.7
F638626		1.23	0.004	0.08	4.01	2.2	160	0.33	0.06	1.74	0.03	18.50	6.3	60	0.40	6.6
F638627		1.32	0.005	0.01	7.78	0.3	330	0.73	0.06	4.25	0.04	37.4	13.1	64	0.75	30.3
F638628		1.21	<0.001	0.03	7.82	4.0	320	0.69	0.03	2.17	0.04	30.7	7.6	34	1.60	12.6
F638629		1.52	0.001	0.02	4.67	1.8	110	0.32	0.04	4.40	0.05	23.9	17.3	146	0.72	61.3
F638635		0.88	0.011	0.06	7.68	0.6	430	0.81	0.11	3.78	0.09	54.0	18.9	104	3.87	31.9
F638636		0.64	<0.001	0.01	6.70	0.7	630	3.21	0.18	5.21	0.10	63.8	28.9	304	1.48	14.1
F638637		0.80	0.018	<0.01	2.80	0.9	1090	0.33	0.14	1.49	0.04	11.35	4.8	49	0.69	8.8
F032901		1.22	0.004	0.03	7.05	6.2	680	0.57	0.21	5.51	0.12	17.80	32.2	406	1.76	40.0
F032902		0.97	0.001	0.05	7.91	1.3	530	0.96	0.13	2.65	0.06	30.8	12.4	27	2.74	38.3
F032903		0.84	0.004	0.03	8.84	2.4	490	0.79	0.36	7.85	0.09	52.0	30.5	254	4.12	37.3
F032904		1.41	0.004	0.03	4.50	5.1	160	0.30	0.61	5.71	0.08	30.6	19.7	168	1.02	26.7
F032905		0.88	0.002	0.09	7.81	3.6	500	1.10	0.18	4.12	0.13	65.6	22.5	90	1.91	52.4
F032906		1.10	<0.001	0.01	3.89	3.7	90	0.46	0.09	1.59	0.03	13.70	13.3	71	0.92	4.4
F032907		0.70	<0.001	0.03	7.69	4.9	110	1.10	0.08	7.99	<0.02	66.6	45.3	244	4.71	105.5
F032908		0.75	<0.001	0.01	7.68	1.4	350	0.44	0.07	3.48	0.05	19.80	7.8	39	0.88	2.0
F032909		1.06	0.006	0.04	7.69	3.2	300	0.43	0.05	3.91	0.08	15.90	28.2	218	3.18	90.1
F032910		0.07	0.329	0.09	5.63	3.9	440	2.28	0.14	1.99	0.05	79.4	27.6	126	3.18	24.6
F032911		1.01	<0.001	<0.01	4.31	1.1	50	0.23	0.13	4.23	0.06	5.89	23.6	93	0.90	15.8
F032912		0.83	0.002	0.07	0.10	0.7	10	<0.05	0.02	0.06	0.05	0.14	1.8	40	0.08	56.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
F032864		4.46	17.95	0.15	0.5	<0.005	0.041	1.05	14.2	21.7	2.31	749	0.99	2.14	2.6	85.9
F032865		4.66	17.95	0.15	0.8	<0.005	0.031	0.65	13.8	16.4	2.09	707	0.82	2.62	2.7	106.0
F032866		5.57	17.10	0.16	3.8	0.008	0.054	1.14	26.9	27.0	1.49	922	0.87	1.55	7.6	78.6
F032964		7.45	18.35	0.15	1.0	<0.005	0.053	1.95	12.4	16.9	3.40	959	1.46	2.18	2.5	59.7
F032965		6.88	18.35	0.12	0.7	<0.005	0.049	0.50	14.8	11.4	3.46	972	0.45	2.57	2.0	61.0
F032966		8.28	16.50	0.11	0.6	<0.005	0.070	0.33	2.8	18.5	4.23	1340	0.39	1.59	2.0	78.4
F032967		9.00	17.40	0.10	0.9	<0.005	0.072	0.37	8.8	12.6	3.33	1320	1.01	1.54	2.4	54.7
F032968		3.54	19.75	0.18	0.8	<0.005	0.030	1.14	7.0	18.5	1.93	557	0.66	2.72	2.2	59.2
F032969		4.45	18.50	0.16	1.1	<0.005	0.037	0.79	5.0	18.0	2.92	840	0.62	2.61	1.7	74.1
F032970		4.57	16.15	0.21	5.0	0.015	0.055	1.51	41.2	19.9	1.34	555	2.02	1.41	37.4	98.4
F032971		4.13	20.4	0.13	0.7	<0.005	0.028	2.30	5.8	19.1	2.13	736	1.56	2.46	2.3	66.3
F032972		4.24	18.70	0.15	1.7	<0.005	0.042	1.43	10.1	33.2	2.78	696	0.95	2.50	3.2	86.2
F638630		3.86	21.0	0.24	1.7	<0.005	0.032	2.93	40.1	14.5	1.79	667	0.72	3.40	7.5	29.4
F638631		4.10	23.6	0.29	1.7	<0.005	0.040	2.35	42.1	18.4	1.89	711	0.53	4.02	7.5	35.0
F638632		4.23	21.3	0.25	2.3	<0.005	0.032	1.82	26.1	28.0	1.89	788	0.93	3.07	7.8	35.5
F638633		4.70	22.8	0.21	3.1	<0.005	0.042	2.15	28.9	46.4	1.65	847	0.38	2.85	6.5	8.7
F638634		4.35	20.9	0.23	1.7	<0.005	0.043	2.02	33.7	29.6	1.96	772	1.01	3.12	7.5	33.8
F638622		2.69	17.35	0.18	1.7	<0.005	0.019	0.98	9.4	15.6	0.92	420	0.73	2.90	2.5	32.9
F638623		3.99	17.85	0.16	2.0	<0.005	0.018	1.65	7.7	20.4	1.22	882	0.91	2.76	2.5	65.7
F638624		3.47	18.05	0.18	2.4	<0.005	0.021	1.32	14.2	20.8	1.76	738	0.48	2.94	3.2	55.1
F638625		4.16	21.7	0.29	5.1	<0.005	0.032	1.86	57.2	22.9	1.63	600	3.43	3.37	6.9	30.5
F638626		1.67	9.02	0.15	1.0	<0.005	0.012	0.55	8.3	9.4	0.82	360	2.68	1.56	1.6	21.2
F638627		3.07	18.30	0.19	2.6	<0.005	0.020	1.11	16.2	20.8	1.81	648	0.59	3.10	3.3	37.6
F638628		2.07	20.4	0.18	2.4	<0.005	0.015	1.05	15.0	23.5	0.76	296	0.70	3.38	3.0	22.4
F638629		3.15	10.25	0.15	1.3	<0.005	0.019	0.49	10.6	11.6	1.86	650	1.08	1.48	1.8	67.8
F638635		4.14	19.20	0.21	3.0	<0.005	0.031	1.62	26.1	24.5	1.86	671	1.78	3.05	4.2	68.4
F638636		5.40	19.00	0.23	4.1	<0.005	0.053	2.02	19.0	17.4	4.82	949	0.69	2.19	11.0	174.0
F638637		1.72	7.61	0.16	1.1	<0.005	0.012	1.03	5.3	5.4	0.49	294	4.13	0.63	1.5	14.8
F032901		6.15	16.85	0.15	0.6	<0.005	0.045	2.13	7.6	26.2	4.71	1285	0.50	1.48	3.6	229
F032902		3.24	19.80	0.17	1.9	<0.005	0.027	1.45	13.0	36.1	1.09	551	1.13	3.29	6.2	21.9
F032903		7.57	26.8	0.17	0.7	<0.005	0.066	1.35	23.2	46.0	4.11	1225	3.55	1.73	5.5	94.4
F032904		4.75	15.50	0.13	0.5	<0.005	0.051	0.44	14.4	15.7	2.08	845	4.23	0.58	3.9	47.6
F032905		5.15	17.05	0.18	2.6	<0.005	0.056	0.98	28.5	19.9	2.65	954	0.78	3.95	9.1	66.8
F032906		1.84	7.23	0.14	0.9	<0.005	0.006	0.13	6.3	9.3	0.76	310	6.87	2.40	1.8	23.1
F032907		8.74	20.5	0.16	2.3	<0.005	0.038	0.21	29.2	72.2	6.27	1590	0.23	1.80	12.7	152.5
F032908		3.04	19.05	0.14	1.4	<0.005	0.034	1.25	8.3	13.9	0.77	470	0.58	3.78	3.0	21.2
F032909		4.91	18.30	0.14	1.8	<0.005	0.031	1.08	6.9	32.9	3.49	792	0.78	3.24	3.1	147.5
F032910		4.71	17.80	0.20	5.7	0.006	0.060	1.57	42.5	20.9	1.39	576	2.31	1.45	41.2	107.0
F032911		5.28	10.00	0.10	0.3	<0.005	0.037	0.22	2.4	9.4	1.84	796	2.13	0.90	1.9	50.1
F032912		0.88	0.32	0.08	<0.1	<0.005	<0.005	0.02	<0.5	1.1	0.03	97	3.33	0.04	0.6	2.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
F032864		880	2.8	24.2	<0.002	0.05	0.27	16.3	<1	0.6	584	0.15	<0.05	1.58	0.330	0.12
F032865		850	5.4	14.6	<0.002	0.22	0.25	13.5	1	0.6	533	0.14	0.08	1.66	0.294	0.07
F032866		1080	1.4	37.4	<0.002	<0.01	1.04	16.2	<1	0.9	251	0.48	<0.05	4.48	0.534	0.15
F032964		610	2.4	86.2	0.003	0.10	0.33	24.8	<1	0.6	615	0.13	<0.05	1.55	0.614	0.43
F032965		540	2.8	9.6	<0.002	<0.01	0.30	24.8	<1	0.4	701	0.11	<0.05	1.52	0.501	0.09
F032966		280	1.7	10.9	<0.002	0.05	0.13	48.1	1	0.8	123.0	0.12	<0.05	0.20	0.507	0.06
F032967		760	2.5	16.0	<0.002	0.19	0.13	35.9	1	0.6	304	0.14	0.09	0.94	0.583	0.07
F032968		490	4.5	24.9	<0.002	0.65	0.06	12.6	<1	0.4	586	0.12	0.41	0.97	0.257	0.17
F032969		520	3.4	18.6	<0.002	0.03	0.20	16.4	<1	0.5	597	0.10	<0.05	1.00	0.270	0.09
F032970		1280	8.1	63.1	<0.002	0.01	0.31	9.9	<1	2.2	402	2.29	<0.05	7.53	0.629	0.22
F032971		510	9.4	23.8	<0.002	0.17	0.25	12.7	<1	0.4	574	0.13	0.06	0.81	0.276	0.23
F032972		630	5.7	30.1	<0.002	0.10	0.14	14.5	<1	0.5	484	0.18	<0.05	1.66	0.303	0.23
F638630		1030	14.6	85.7	<0.002	<0.01	1.01	11.1	<1	1.1	849	0.46	<0.05	7.63	0.327	0.39
F638631		1080	14.5	65.1	<0.002	<0.01	1.03	11.9	<1	1.2	814	0.46	<0.05	8.33	0.348	0.32
F638632		1160	15.4	47.3	<0.002	<0.01	0.30	10.8	<1	1.0	930	0.39	<0.05	5.30	0.335	0.36
F638633		1210	21.7	60.2	<0.002	0.01	0.33	10.8	<1	1.1	902	0.45	<0.05	6.18	0.368	0.52
F638634		1200	14.3	62.4	<0.002	<0.01	0.35	11.6	<1	1.0	984	0.37	<0.05	6.68	0.338	0.38
F638622		500	4.0	33.7	<0.002	0.01	0.23	7.0	<1	0.4	484	0.17	<0.05	1.45	0.216	0.16
F638623		500	2.2	45.0	<0.002	0.01	0.47	8.7	<1	0.4	308	0.14	<0.05	1.28	0.231	0.23
F638624		730	2.7	35.8	<0.002	0.01	1.10	10.4	<1	0.4	397	0.19	<0.05	2.09	0.251	0.17
F638625		2350	16.5	45.8	<0.002	0.40	0.98	8.1	<1	0.9	911	0.36	0.27	10.10	0.447	0.24
F638626		320	1.9	16.0	<0.002	<0.01	0.32	3.8	<1	0.2	248	0.08	<0.05	0.99	0.099	0.06
F638627		760	4.2	22.5	<0.002	0.01	0.47	7.1	<1	0.4	572	0.19	<0.05	2.45	0.209	0.11
F638628		480	5.7	34.0	<0.002	0.01	0.30	4.8	<1	0.5	347	0.19	<0.05	2.69	0.195	0.18
F638629		660	2.1	14.6	<0.002	0.01	0.35	9.9	<1	0.4	239	0.10	<0.05	1.43	0.225	0.08
F638635		790	8.3	52.2	<0.002	0.03	0.09	12.6	<1	0.7	634	0.27	<0.05	4.63	0.338	0.29
F638636		1960	9.0	62.6	<0.002	0.04	0.14	16.6	1	1.3	986	0.51	<0.05	4.61	0.492	0.30
F638637		180	5.3	22.9	<0.002	0.04	0.11	3.0	<1	0.4	1660	0.08	<0.05	1.05	0.097	0.10
F032901		510	3.3	59.2	<0.002	0.01	0.42	22.2	<1	0.6	430	0.22	<0.05	1.00	0.421	0.29
F032902		690	4.6	35.9	<0.002	0.20	0.10	6.8	<1	0.7	358	0.39	<0.05	2.04	0.303	0.24
F032903		780	6.7	27.7	0.002	0.02	0.46	31.6	<1	0.9	778	0.33	<0.05	3.68	0.413	0.23
F032904		940	3.9	14.5	0.002	0.02	0.44	17.6	<1	0.9	398	0.21	<0.05	2.02	0.284	0.08
F032905		1230	5.0	17.9	<0.002	0.04	0.47	17.3	<1	0.7	383	0.53	<0.05	2.74	0.532	0.10
F032906		320	2.1	3.6	0.003	0.24	0.14	4.2	<1	0.2	283	0.09	<0.05	0.93	0.108	0.02
F032907		1510	1.3	13.9	<0.002	0.03	0.39	30.1	<1	1.0	227	0.53	<0.05	2.32	0.652	0.10
F032908		410	1.7	24.1	<0.002	<0.01	0.49	5.4	<1	0.5	671	0.21	<0.05	1.31	0.197	0.16
F032909		540	4.2	24.6	<0.002	0.03	0.30	15.9	<1	0.5	435	0.18	<0.05	1.10	0.325	0.20
F032910		1320	9.0	66.1	<0.002	0.01	0.34	10.6	<1	2.5	415	2.74	<0.05	8.79	0.654	0.26
F032911		140	1.3	5.2	<0.002	0.02	0.70	20.2	<1	0.5	151.0	0.12	<0.05	0.27	0.287	0.05
F032912		10	2.6	0.6	<0.002	0.02	0.11	0.1	<1	<0.2	3.1	<0.05	<0.05	0.01	0.021	<0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.1	1	0.1	0.1	2	0.5
F032864		0.3	117	0.2	9.2	90	19.3
F032865		0.3	101	0.1	7.5	89	34.8
F032866		0.9	117	0.6	14.7	88	165.5
F032964		0.4	270	0.7	13.3	79	37.3
F032965		0.3	197	0.3	12.5	78	26.3
F032966		<0.1	266	0.4	19.8	83	19.6
F032967		0.2	325	0.3	17.4	99	31.0
F032968		0.2	86	0.3	6.7	63	27.8
F032969		0.3	109	0.7	8.3	70	43.2
F032970		1.7	70	1.4	18.6	95	230
F032971		0.2	95	0.8	7.4	79	21.4
F032972		0.4	102	0.3	8.2	78	66.5
F638630		2.8	94	0.5	13.1	72	58.9
F638631		3.1	108	0.5	13.9	83	59.3
F638632		1.0	98	0.4	13.3	89	73.6
F638633		2.0	119	0.2	13.6	84	123.0
F638634		1.8	103	0.3	14.9	88	58.1
F638622		0.3	57	0.1	5.4	60	66.6
F638623		0.3	70	0.2	5.0	61	76.7
F638624		0.5	76	0.2	7.4	73	91.9
F638625		1.9	88	1.9	11.9	96	210
F638626		0.3	32	0.2	3.2	31	36.9
F638627		0.5	59	0.5	6.5	64	106.5
F638628		0.6	41	0.3	4.7	58	82.1
F638629		0.3	81	0.3	6.1	56	52.6
F638635		1.0	80	1.1	9.7	88	113.5
F638636		1.5	126	1.1	23.0	95	168.0
F638637		0.4	28	1.0	3.0	26	40.0
F032901		0.3	145	1.5	11.3	117	25.4
F032902		0.4	60	0.8	8.1	67	74.3
F032903		1.0	217	0.6	17.8	118	22.5
F032904		0.5	148	119.0	9.6	61	13.2
F032905		0.6	136	0.8	14.3	77	92.4
F032906		0.2	26	0.2	3.1	21	33.6
F032907		0.5	221	1.0	20.7	160	86.1
F032908		0.3	60	0.5	5.0	30	52.4
F032909		0.3	114	0.2	9.0	78	69.4
F032910		1.9	74	1.5	19.7	97	240
F032911		0.1	154	0.3	10.4	56	6.8
F032912		<0.1	2	0.2	0.1	14	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	WEI-21	Au-ICP21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F032913		1.48	0.001	0.03	5.06	3.8	190	0.32	0.14	5.29	0.15	16.90	27.4	201	4.55	30.7
F032914		1.07	<0.001	0.01	1.87	0.4	40	0.16	0.06	2.32	0.06	7.91	9.1	107	1.75	10.9
F638501		0.56	0.002	0.41	8.32	1.3	1210	2.03	0.38	3.09	0.09	55.6	12.7	44	2.48	208
F638502		0.77	<0.001	0.02	7.73	1.1	510	1.12	0.91	6.24	0.11	49.3	21.0	108	1.75	11.6
F638503		0.80	<0.001	0.05	7.70	0.9	370	0.86	0.21	4.62	0.11	51.0	16.6	74	1.71	27.2
F638504		0.31	<0.001	0.01	7.36	0.7	420	1.04	0.18	5.79	0.10	27.7	31.3	322	1.84	13.5
F638505		0.42	<0.001	0.02	5.03	0.9	290	0.57	0.17	1.72	0.03	24.3	10.2	66	2.26	14.6
F638506		0.28	<0.001	0.06	2.04	0.8	120	0.32	0.16	1.31	0.04	18.55	6.8	56	0.71	23.8
F638507		0.55	<0.001	0.03	7.53	4.2	580	3.39	0.12	1.75	0.02	13.30	7.5	73	2.40	25.2
F638508		0.77	<0.001	<0.01	7.47	1.1	240	1.21	0.55	7.78	0.18	47.1	21.0	69	0.45	6.4
F638509		0.40	<0.001	0.01	7.19	1.9	640	14.90	0.09	2.00	0.06	18.20	4.1	42	0.98	4.9
F638510		1.00	<0.001	<0.01	0.05	0.3	<10	0.06	0.02	20.7	0.03	0.97	0.4	2	0.08	1.1
F638511		0.61	<0.001	0.01	7.38	0.8	410	0.97	0.22	4.35	0.06	94.2	18.7	123	2.38	9.2
F638512		0.93	<0.001	0.07	7.24	0.9	420	0.70	0.20	3.63	0.07	26.0	17.0	115	1.92	28.8
F638513		0.41	<0.001	<0.01	5.74	1.4	570	3.04	0.16	5.58	0.10	39.3	29.5	389	0.78	8.4
F032915		1.02	0.006	0.06	7.57	1.3	90	0.44	0.29	6.94	0.14	12.15	50.9	120	0.61	104.5
F032916		0.66	0.001	0.03	7.65	1.2	190	0.22	0.25	9.10	0.20	12.85	49.5	101	0.58	44.4
F032917		0.89	0.002	0.01	8.14	1.6	210	0.50	0.06	4.64	0.07	15.65	27.3	120	0.82	45.1
F032918		1.11	0.005	0.05	7.53	1.9	30	0.36	0.08	6.84	0.13	11.60	48.8	122	0.16	52.0
F032919		0.96	<0.001	0.01	7.89	3.5	980	0.79	0.08	2.05	0.04	24.0	11.0	40	2.92	25.9
F032920		0.73	<0.001	0.01	0.06	<0.2	<10	0.06	0.02	21.6	0.02	0.90	0.4	1	0.08	0.9
F032921		1.13	<0.001	0.01	8.26	1.8	760	0.98	0.14	2.68	0.06	14.90	10.7	58	1.35	2.6
F032922		1.30	0.003	<0.01	7.29	1.3	760	0.95	0.06	5.56	0.11	60.8	36.8	200	9.11	23.9
F032923		0.75	<0.001	0.02	8.30	1.1	290	0.81	0.08	7.06	0.14	61.4	33.1	125	1.12	10.7
F032924		0.70	<0.001	0.01	3.49	1.0	130	0.31	0.03	3.51	0.05	26.5	16.9	94	0.52	2.9
F032925		0.40	<0.001	0.01	0.20	3.9	10	0.05	0.01	0.19	0.02	1.14	4.2	46	<0.05	20.8
F032926		0.76	0.001	0.03	7.87	1.0	610	1.24	0.07	3.03	0.09	59.1	17.0	44	3.51	16.0
F032927		0.94	0.001	0.04	6.01	2.5	310	0.52	0.08	8.91	0.07	55.5	29.5	530	1.29	72.7
F032928		0.97	<0.001	0.05	7.98	4.2	820	1.28	0.09	3.35	0.07	66.4	20.2	65	3.20	30.1
F032929		0.66	0.007	0.04	6.73	5.5	80	0.23	0.06	3.46	0.05	31.8	25.6	511	0.38	44.9
F032930		0.69	0.003	0.03	5.78	4.9	190	0.32	0.05	3.71	0.03	35.2	24.6	514	1.75	40.4
F032931		0.96	<0.001	0.03	6.81	1.4	320	0.50	0.04	4.02	0.08	31.1	32.9	134	4.43	43.2
F638543		0.85	<0.001	0.01	7.66	1.0	600	0.97	0.04	2.24	0.03	27.2	8.2	40	1.30	5.1
F638544		1.02	<0.001	0.01	7.16	1.8	540	0.87	0.09	3.12	0.03	31.9	11.5	43	1.24	8.7
F638545		1.07	<0.001	<0.01	7.87	0.8	750	1.17	0.15	2.80	0.06	56.4	16.8	87	1.09	10.4
F638546		0.83	<0.001	0.02	6.72	0.5	620	3.45	0.21	5.47	0.14	88.5	32.8	353	0.82	39.4
F638547		1.03	<0.001	0.01	7.80	1.3	100	1.22	0.11	6.56	0.08	35.4	37.2	37	0.50	46.4
F638548		1.39	<0.001	<0.01	7.00	0.2	540	2.61	0.06	2.53	0.05	142.5	8.3	60	1.57	3.5
F638549		0.79	0.001	0.11	8.41	8.8	440	0.75	0.04	2.79	0.18	32.2	14.3	84	1.59	63.6
F638550		0.73	<0.001	<0.01	0.06	0.3	<10	0.06	0.02	21.7	0.02	0.98	0.4	1	0.08	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
F032913		5.28	12.50	0.10	1.0	<0.005	0.038	0.59	7.5	18.2	3.19	1035	1.87	0.96	2.2	141.5
F032914		2.19	4.77	0.11	0.5	<0.005	0.012	0.15	3.8	6.3	1.08	422	4.58	0.49	1.1	59.8
F638501		2.43	19.00	0.21	3.3	<0.005	0.025	2.79	23.1	15.4	0.98	398	15.30	3.60	20.2	32.4
F638502		4.48	20.5	0.20	2.9	<0.005	0.040	1.47	21.9	17.0	3.00	779	0.78	2.31	5.8	78.6
F638503		3.83	19.95	0.18	2.4	<0.005	0.033	1.09	24.2	11.2	1.61	653	1.06	3.05	4.9	62.7
F638504		6.35	18.60	0.16	2.8	<0.005	0.060	1.58	9.0	8.5	4.11	1210	1.12	2.33	5.9	68.6
F638505		2.59	12.35	0.15	1.8	<0.005	0.025	0.95	10.4	11.0	0.92	375	1.77	2.04	3.2	33.7
F638506		1.93	6.49	0.13	0.7	<0.005	0.014	0.37	9.0	4.2	0.54	303	3.19	0.65	2.2	22.3
F638507		2.31	22.5	0.16	2.7	<0.005	0.026	2.35	5.4	11.7	0.71	421	1.37	3.20	8.5	33.0
F638508		5.06	18.95	0.18	1.8	<0.005	0.056	0.85	23.2	3.2	2.43	1315	1.36	2.22	3.8	78.9
F638509		1.27	25.8	0.16	4.2	<0.005	0.037	2.79	6.6	3.2	0.37	238	1.58	2.86	45.5	18.8
F638510		0.11	0.23	0.23	<0.1	<0.005	<0.005	0.01	0.5	1.4	12.95	118	0.16	0.01	0.1	0.6
F638511		4.40	20.7	0.25	2.0	<0.005	0.043	1.20	44.5	14.8	2.02	738	2.84	2.38	6.5	84.1
F638512		2.98	17.30	0.19	2.1	<0.005	0.027	0.94	12.8	11.8	1.82	534	5.70	2.93	2.8	78.6
F638513		5.53	17.15	0.15	6.2	<0.005	0.069	1.55	12.9	16.8	6.66	1110	0.44	1.84	11.9	310
F032915		9.63	17.80	0.10	0.6	<0.005	0.077	0.27	4.9	14.4	3.57	1345	0.35	1.77	3.0	88.3
F032916		9.46	18.35	0.09	0.6	<0.005	0.077	0.26	5.2	5.9	2.57	2030	0.50	1.13	3.3	69.2
F032917		5.46	19.00	0.11	1.4	<0.005	0.042	0.70	6.8	22.5	2.78	903	0.37	3.07	3.4	64.0
F032918		7.72	16.50	0.11	0.5	<0.005	0.066	0.18	4.6	6.3	2.51	1290	0.53	1.76	2.9	83.2
F032919		2.63	18.80	0.16	2.0	<0.005	0.030	2.41	11.1	20.4	1.18	425	0.56	3.42	4.4	31.1
F032920		0.12	0.19	0.13	<0.1	<0.005	<0.005	0.02	0.5	1.9	13.30	120	0.12	0.01	0.1	0.6
F032921		3.85	14.75	0.14	1.2	<0.005	0.025	2.73	6.5	17.5	2.16	651	0.39	3.69	3.5	34.3
F032922		7.23	19.25	0.17	3.5	<0.005	0.081	0.90	26.7	20.5	4.12	1210	0.33	2.60	10.2	40.6
F032923		7.41	18.65	0.16	0.4	<0.005	0.067	0.58	28.2	21.1	3.54	1785	0.21	1.90	3.9	103.5
F032924		3.52	7.44	0.11	0.2	<0.005	0.025	0.27	11.9	11.8	1.67	870	2.02	0.75	2.0	45.5
F032925		1.04	0.52	0.06	<0.1	<0.005	<0.005	0.03	<0.5	0.8	0.08	106	3.14	0.06	0.5	6.8
F032926		3.66	20.8	0.18	3.1	<0.005	0.029	1.61	26.7	19.4	1.70	623	0.54	3.48	6.9	48.6
F032927		5.03	13.35	0.13	0.8	<0.005	0.045	0.55	26.5	12.4	2.70	1390	0.63	1.61	2.9	82.6
F032928		4.38	19.20	0.18	2.9	<0.005	0.041	1.68	28.9	35.9	2.15	997	0.47	2.81	5.9	34.3
F032929		4.23	16.45	0.11	0.7	<0.005	0.035	0.27	15.1	11.0	2.39	1010	0.98	0.61	2.5	72.8
F032930		4.46	14.50	0.14	0.7	<0.005	0.038	0.54	16.0	20.7	2.38	1085	1.32	0.78	3.0	72.3
F032931		5.35	16.75	0.14	0.4	<0.005	0.032	1.19	14.2	20.7	2.43	1310	0.59	1.77	2.4	131.0
F638543		2.36	20.9	0.16	1.6	<0.005	0.016	1.58	12.9	15.2	0.75	354	1.99	3.73	3.4	18.6
F638544		3.19	16.65	0.15	2.4	<0.005	0.028	1.77	14.1	17.2	1.04	616	1.28	2.66	3.8	25.7
F638545		3.58	20.5	0.18	2.6	<0.005	0.031	2.19	27.1	13.8	1.82	547	1.34	3.02	3.7	62.5
F638546		6.40	19.70	0.21	4.5	<0.005	0.083	1.11	32.8	14.0	5.36	974	0.39	2.71	9.8	256
F638547		8.39	17.35	0.13	1.7	<0.005	0.076	0.59	16.2	9.0	3.85	1355	1.14	2.94	8.2	44.2
F638548		1.96	22.9	0.30	7.6	<0.005	0.064	2.41	63.7	16.3	1.53	326	2.51	1.95	28.5	49.2
F638549		3.38	19.95	0.17	3.3	<0.005	0.036	1.45	14.2	15.0	0.73	635	0.92	3.65	4.6	22.5
F638550		0.13	0.24	0.18	<0.1	<0.005	<0.005	0.02	0.6	1.5	13.35	126	0.09	0.01	0.1	0.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
F032913		420	2.2	23.5	<0.002	0.03	0.33	16.7	<1	0.4	246	0.12	<0.05	0.94	0.219	0.14
F032914		260	1.2	5.7	<0.002	0.01	0.14	5.2	<1	0.2	105.5	0.05	<0.05	0.45	0.085	0.05
F638501		950	15.1	39.6	0.002	0.16	0.15	5.1	<1	0.7	1010	0.71	<0.05	5.91	0.270	0.26
F638502		1040	8.2	35.2	<0.002	0.04	0.24	11.6	<1	0.9	707	0.35	<0.05	4.71	0.414	0.18
F638503		780	9.1	28.0	<0.002	0.01	0.23	10.5	<1	0.7	1155	0.32	<0.05	5.08	0.391	0.16
F638504		730	7.8	40.9	<0.002	0.01	0.20	23.9	<1	1.0	767	0.37	<0.05	2.80	0.419	0.17
F638505		540	5.9	33.5	<0.002	0.01	0.10	5.9	<1	0.5	572	0.20	<0.05	3.50	0.259	0.17
F638506		360	4.1	12.4	<0.002	0.03	0.13	3.5	<1	0.4	266	0.11	<0.05	1.71	0.141	0.06
F638507		550	8.1	53.4	<0.002	0.01	0.10	5.7	<1	1.9	350	2.38	<0.05	3.03	0.217	0.27
F638508		690	8.3	21.3	<0.002	0.01	0.17	9.5	<1	1.7	728	0.29	<0.05	3.86	0.293	0.10
F638509		260	13.4	38.9	<0.002	<0.01	0.09	3.3	<1	1.9	497	5.71	<0.05	2.73	0.095	0.16
F638510		20	0.9	0.6	<0.002	<0.01	0.08	0.1	<1	<0.2	47.5	<0.05	<0.05	0.08	<0.005	<0.02
F638511		960	10.1	33.5	<0.002	0.02	0.25	13.3	<1	0.8	887	0.33	<0.05	6.13	0.352	0.19
F638512		500	8.9	28.6	<0.002	0.02	0.14	9.4	<1	0.5	603	0.18	<0.05	2.53	0.242	0.17
F638513		2000	5.1	47.5	<0.002	0.01	0.14	15.0	<1	1.9	429	0.71	<0.05	6.50	0.442	0.22
F032915		380	2.3	6.6	<0.002	0.03	0.83	40.1	<1	0.7	220	0.19	0.07	0.61	0.591	0.06
F032916		410	3.4	5.5	<0.002	0.02	0.25	42.7	<1	0.7	398	0.21	<0.05	0.62	0.679	0.04
F032917		550	3.8	10.6	<0.002	<0.01	0.24	18.5	<1	0.5	458	0.21	<0.05	1.10	0.351	0.10
F032918		360	2.8	1.9	<0.002	0.02	0.35	39.5	<1	0.6	201	0.19	<0.05	0.53	0.583	<0.02
F032919		610	3.6	50.7	<0.002	0.03	0.30	7.2	<1	0.5	573	0.28	<0.05	1.65	0.286	0.25
F032920		20	0.7	0.9	<0.002	<0.01	0.10	0.2	1	<0.2	46.6	<0.05	<0.05	0.12	<0.005	<0.02
F032921		600	2.1	63.4	<0.002	<0.01	0.29	13.1	<1	0.4	425	0.21	<0.05	1.42	0.301	0.28
F032922		850	3.8	44.8	<0.002	0.01	0.30	30.9	<1	1.3	361	0.60	<0.05	4.23	0.523	0.24
F032923		1150	6.3	13.0	<0.002	0.01	0.16	30.3	<1	0.9	845	0.22	<0.05	3.80	0.531	0.09
F032924		560	2.6	7.4	<0.002	<0.01	0.13	13.0	<1	0.4	316	0.09	<0.05	1.55	0.227	0.04
F032925		60	0.6	0.9	<0.002	0.01	0.09	0.4	<1	<0.2	20.5	<0.05	<0.05	0.08	0.010	<0.02
F032926		1010	8.9	33.6	<0.002	0.13	0.17	9.6	<1	0.7	895	0.46	<0.05	4.34	0.300	0.25
F032927		880	5.1	15.1	<0.002	0.02	0.77	27.5	<1	0.5	854	0.15	<0.05	3.36	0.387	0.11
F032928		1290	8.2	32.8	<0.002	0.06	0.44	12.0	<1	0.7	1010	0.35	<0.05	4.52	0.324	0.35
F032929		820	4.0	4.1	<0.002	0.04	0.37	22.9	<1	0.6	501	0.16	<0.05	2.11	0.371	0.06
F032930		800	3.1	16.8	<0.002	0.03	0.33	25.2	<1	0.6	434	0.16	<0.05	2.21	0.353	0.12
F032931		620	3.9	30.1	<0.002	0.01	0.25	18.8	<1	0.5	765	0.14	<0.05	1.80	0.309	0.19
F638543		470	6.4	49.5	<0.002	0.01	0.15	5.4	<1	0.5	601	0.22	<0.05	4.17	0.224	0.23
F638544		830	3.6	64.5	<0.002	0.02	0.21	8.4	<1	0.6	443	0.21	<0.05	2.25	0.331	0.35
F638545		870	7.8	71.8	<0.002	0.01	0.17	9.6	<1	0.6	648	0.23	<0.05	5.11	0.324	0.43
F638546		3030	6.4	41.0	<0.002	0.02	0.10	17.6	<1	1.8	1090	0.53	<0.05	5.10	0.715	0.20
F638547		690	4.2	22.0	<0.002	0.02	0.15	35.3	<1	0.8	605	0.38	<0.05	2.86	0.545	0.08
F638548		390	7.0	93.3	<0.002	<0.01	0.06	5.8	<1	5.4	243	2.39	<0.05	15.00	0.171	0.40
F638549		1000	6.6	36.7	<0.002	0.04	0.10	9.0	<1	0.6	576	0.27	<0.05	2.41	0.425	0.22
F638550		20	0.8	1.0	<0.002	<0.01	0.06	0.1	<1	<0.2	48.6	<0.05	<0.05	0.12	<0.005	<0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.1	1	0.1	0.1	2	0.5
F032913		0.2	115	0.3	9.1	87	41.1
F032914		0.1	36	0.3	3.3	31	16.6
F638501		1.7	53	1.1	10.4	47	145.0
F638502		1.0	94	2.0	13.3	85	107.5
F638503		1.0	85	0.4	10.8	73	95.2
F638504		1.0	161	0.5	17.2	100	100.0
F638505		0.8	56	0.3	6.5	50	82.8
F638506		0.4	31	0.3	3.6	32	25.3
F638507		1.1	46	0.6	27.7	47	81.7
F638508		1.0	75	0.9	9.5	101	69.0
F638509		2.5	21	1.3	53.1	24	86.0
F638510		<0.1	1	<0.1	0.3	4	<0.5
F638511		1.6	103	0.9	13.6	86	78.4
F638512		0.7	65	0.3	6.4	68	84.6
F638513		2.0	116	0.8	39.4	126	225
F032915		0.2	264	0.5	22.0	110	12.1
F032916		0.2	295	0.7	24.5	139	15.1
F032917		0.3	135	0.5	11.0	91	53.3
F032918		0.1	260	0.5	22.0	105	12.2
F032919		0.4	60	0.6	7.1	51	77.6
F032920		<0.1	1	0.1	0.3	4	<0.5
F032921		0.4	87	0.5	9.7	59	44.7
F032922		0.9	225	0.5	44.2	107	112.0
F032923		0.8	227	0.3	16.6	98	14.4
F032924		0.3	86	0.2	7.5	50	6.8
F032925		<0.1	5	0.3	0.3	5	1.3
F032926		0.9	85	0.3	9.2	69	115.5
F032927		0.6	176	0.5	12.4	70	24.6
F032928		0.9	106	0.5	13.3	83	116.5
F032929		0.3	166	1.1	7.3	72	25.7
F032930		0.4	149	0.8	9.4	77	26.7
F032931		0.4	100	0.1	9.3	103	15.3
F638543		1.0	48	1.0	5.4	48	53.7
F638544		0.5	74	0.9	9.1	59	93.2
F638545		1.2	79	0.8	8.7	76	100.5
F638546		1.4	137	1.0	25.3	134	147.0
F638547		0.9	250	1.1	25.1	116	62.9
F638548		3.3	30	0.8	92.4	50	188.5
F638549		0.6	96	1.1	10.5	122	127.0
F638550		0.1	1	0.1	0.3	4	0.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	WEI-21	Au-ICP21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F032951		0.82	0.007	0.35	9.13	5.6	480	1.45	0.10	4.05	0.33	19.30	7.0	59	1.93	99.2
F032952		0.71	0.059	0.14	7.56	3.4	710	1.04	0.44	1.28	0.24	31.3	8.0	53	4.31	37.8
F032953		0.72	<0.001	0.06	8.12	1.4	480	1.02	0.11	3.03	0.05	50.3	16.4	98	3.80	23.8
F032954		0.82	<0.001	0.05	3.70	<0.2	270	0.59	0.12	1.04	0.04	17.25	3.7	33	1.74	20.0
F032955		0.85	<0.001	0.08	6.55	<0.2	860	1.48	0.23	4.41	0.12	59.2	34.9	329	8.41	31.0
F032956		1.08	<0.001	0.04	7.80	0.4	790	1.08	0.03	1.60	0.09	33.5	7.4	30	4.05	5.5
F032957		0.88	<0.001	0.09	8.71	0.4	460	1.10	0.07	3.36	0.05	28.5	13.0	86	1.72	53.8
F032958		1.03	<0.001	0.06	8.53	0.7	520	1.22	0.18	2.40	0.06	37.0	7.9	18	4.09	14.0
F032959		0.74	<0.001	0.03	8.28	0.5	870	1.81	0.05	2.20	0.08	35.2	5.8	21	3.15	5.4
F032960		1.52	0.005	0.12	7.79	0.6	370	0.98	0.12	2.65	0.14	28.2	10.8	72	2.88	35.9
F032961		1.08	0.006	0.15	7.46	0.5	310	0.91	0.14	3.08	0.22	32.6	13.2	75	3.59	36.1
F032962		0.78	0.001	0.06	7.79	3.3	500	0.98	0.23	2.28	0.07	29.6	8.2	48	2.13	21.5
F032963		0.94	<0.001	0.02	7.82	<0.2	580	1.06	0.04	2.00	0.05	30.5	7.7	35	2.47	8.8
F638638		1.24	0.001	0.21	6.83	3.8	140	0.57	0.04	5.61	0.12	10.40	35.6	83	0.89	78.1
F638639		1.10	<0.001	0.03	7.17	2.0	80	0.66	0.07	7.07	0.11	11.35	39.8	97	0.43	46.4
F638640		1.08	<0.001	<0.01	0.05	0.2	<10	<0.05	0.01	21.2	<0.02	0.79	0.4	1	0.07	0.8
F638641		0.89	<0.001	0.03	8.49	1.7	640	0.68	0.04	3.25	0.05	14.15	14.9	101	0.90	28.0
F638642		1.41	0.015	0.02	7.57	7.1	530	0.35	0.04	4.01	0.09	18.40	12.6	115	0.64	7.6
F638643		0.89	0.001	0.05	5.55	1.5	360	0.66	0.03	2.16	0.03	51.3	9.8	73	1.42	15.7
F638644		1.23	<0.001	0.01	7.39	1.9	350	0.54	0.04	3.58	0.05	17.80	17.5	110	0.46	5.8
F638645		1.38	0.010	0.21	7.67	2.9	300	0.66	0.08	3.72	0.05	37.5	24.0	108	1.25	60.8
F638646		0.70	<0.001	0.05	7.52	1.6	390	0.62	0.03	2.49	0.05	19.50	11.6	83	1.92	10.0
F638647		0.77	0.004	0.03	8.08	7.1	330	0.69	0.07	3.13	0.05	23.2	21.9	102	4.67	21.9
F638648		1.22	0.006	0.05	8.41	15.6	310	0.48	0.15	2.02	0.02	9.52	44.3	36	0.46	19.8
F638649		1.21	<0.001	0.02	1.90	4.2	20	0.07	0.04	1.17	<0.02	3.46	7.1	32	0.09	8.9
F638650		0.07	0.315	0.09	5.62	3.9	440	2.40	0.11	1.97	0.05	77.1	25.0	124	2.86	21.6
F638514		1.10	0.001	0.02	8.40	1.8	280	0.55	0.04	5.19	0.09	17.95	43.5	27	0.37	40.7
F638515		0.84	0.033	0.11	7.25	14.6	160	0.43	0.27	3.01	0.05	28.0	45.6	236	0.84	74.3
F638516		0.71	0.021	0.44	7.61	87.2	10	0.30	0.78	4.60	0.06	9.63	44.0	91	0.12	401
F638517		1.12	0.122	5.57	7.25	393	10	0.20	5.04	1.15	0.05	3.44	19.6	31	0.05	372
F638518		2.09	0.263	0.54	6.86	22.3	140	0.31	0.51	4.64	0.03	10.55	49.9	99	0.26	17.3
F638519		1.43	0.226	0.23	3.12	6.7	80	0.23	0.76	3.05	0.07	12.70	19.8	125	0.21	21.0
F638520		0.07	0.319	0.09	5.49	4.6	430	2.22	0.12	1.94	0.05	78.0	27.4	125	2.92	22.0
F638521		0.89	0.002	0.04	7.63	1.0	220	0.49	0.05	4.81	0.08	18.70	33.4	181	0.22	51.1
F638522		1.13	<0.001	0.10	7.98	2.5	140	0.58	0.04	5.42	0.11	38.0	25.7	42	0.19	26.2
F638523		0.95	<0.001	0.04	8.78	2.5	70	0.53	0.03	12.05	0.03	37.1	9.2	158	0.13	1.2
F638524		1.34	<0.001	0.06	7.77	1.4	310	0.78	0.08	6.13	0.13	45.8	26.4	137	2.36	46.6
F638525		1.72	<0.001	0.02	6.71	3.3	230	0.71	0.03	2.02	0.02	28.3	14.1	86	1.28	11.4
F638526		0.62	0.002	0.01	1.06	0.7	30	0.14	0.02	0.25	<0.02	7.88	2.6	58	0.12	12.6
F638527		0.91	0.001	0.03	7.47	2.1	220	0.59	0.03	3.30	0.04	18.90	20.1	137	0.56	28.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
F032951		3.21	24.5	0.15	4.1	<0.005	0.061	2.57	8.8	18.6	0.91	425	1.99	1.35	4.1	25.4
F032952		1.77	19.10	0.20	3.2	<0.005	0.096	2.86	14.8	10.8	0.71	175	3.35	1.75	3.0	14.0
F032953		3.57	21.5	0.17	2.7	<0.005	0.038	1.83	18.7	14.8	1.68	528	0.71	2.79	3.6	44.7
F032954		1.44	10.40	0.08	1.0	<0.005	0.011	0.60	8.4	7.3	0.46	243	2.85	1.76	1.7	9.2
F032955		5.03	18.85	0.17	4.0	<0.005	0.081	2.12	16.7	38.7	6.35	831	0.30	2.23	7.7	357
F032956		2.04	22.1	0.12	2.5	<0.005	0.018	1.83	15.5	19.2	0.72	296	1.13	3.37	3.3	20.5
F032957		3.09	20.4	0.15	2.8	<0.005	0.030	1.22	11.2	13.6	0.87	661	0.76	3.91	5.4	33.7
F032958		3.73	22.5	0.13	3.4	<0.005	0.048	1.75	16.1	22.5	0.93	552	1.23	3.08	6.3	9.6
F032959		2.41	24.7	0.12	3.4	<0.005	0.031	1.77	15.0	19.1	0.70	442	0.42	3.67	5.9	6.2
F032960		3.84	20.5	0.13	2.4	<0.005	0.047	2.01	11.1	28.4	1.27	524	1.06	2.30	3.2	29.2
F032961		4.58	19.60	0.15	2.5	<0.005	0.057	2.17	14.4	32.5	1.51	728	1.47	2.00	3.7	37.6
F032962		2.10	19.50	0.12	2.6	<0.005	0.038	1.94	13.3	7.8	0.85	437	1.32	2.30	2.3	24.5
F032963		2.23	22.3	0.14	1.7	<0.005	0.019	1.65	12.2	20.2	0.72	310	2.13	3.81	3.5	18.5
F638638		8.42	18.60	0.09	0.8	<0.005	0.046	0.49	4.1	12.2	2.69	1190	0.94	2.25	2.7	51.8
F638639		10.20	18.35	0.07	0.5	<0.005	0.063	0.37	4.6	7.9	3.31	1455	0.37	1.95	3.0	63.6
F638640		0.13	0.15	0.06	<0.1	<0.005	<0.005	0.01	<0.5	1.6	13.15	117	0.11	0.01	0.1	0.3
F638641		3.16	20.2	0.11	1.0	<0.005	0.030	1.87	6.0	24.8	1.99	667	0.52	3.09	2.4	59.8
F638642		3.50	20.6	0.13	1.3	<0.005	0.022	2.56	7.9	9.9	1.71	584	0.44	2.99	2.1	52.8
F638643		2.56	12.70	0.14	1.4	<0.005	0.019	1.11	23.0	21.5	1.30	484	2.05	1.89	7.1	35.6
F638644		3.56	19.10	0.10	1.4	<0.005	0.028	1.06	7.7	25.5	2.33	679	0.79	2.99	2.4	67.2
F638645		5.35	18.75	0.13	2.7	<0.005	0.030	1.44	15.2	24.3	1.05	928	1.59	2.25	5.7	60.9
F638646		2.78	19.30	0.09	2.4	<0.005	0.020	1.86	8.7	32.9	1.23	419	0.78	2.08	2.9	50.3
F638647		5.11	19.85	0.10	2.5	<0.005	0.035	1.19	10.0	29.8	1.54	792	1.18	2.79	4.8	69.1
F638648		9.49	18.65	0.10	1.5	<0.005	0.048	1.38	3.5	42.9	4.39	1345	2.32	1.29	3.7	64.8
F638649		2.19	5.30	0.05	0.2	<0.005	0.015	0.08	1.6	6.1	0.80	271	2.63	0.17	0.8	9.1
F638650		4.67	17.20	0.15	5.2	0.012	0.052	1.57	42.8	19.2	1.38	569	2.25	1.43	41.4	102.0
F638514		8.62	20.0	0.11	1.1	<0.005	0.059	0.70	6.9	21.2	3.28	1320	0.51	2.20	4.3	65.2
F638515		8.87	17.20	0.08	1.8	<0.005	0.058	0.46	10.6	36.0	3.88	1225	0.33	1.37	5.2	143.0
F638516		7.04	17.50	0.09	1.1	<0.005	0.040	0.03	4.3	9.2	2.56	707	0.86	0.69	1.7	230
F638517		8.67	17.40	0.06	0.3	<0.005	0.027	0.02	1.5	5.9	2.18	354	1.11	0.63	0.4	208
F638518		8.85	18.30	0.08	1.6	<0.005	0.035	0.52	4.7	27.3	3.22	1420	0.27	1.04	2.5	135.5
F638519		4.15	7.61	0.05	0.8	<0.005	0.033	0.28	5.3	8.2	2.13	680	1.98	0.50	2.0	68.8
F638520		4.58	17.10	0.14	5.2	0.013	0.056	1.53	42.9	19.2	1.35	565	2.28	1.41	41.4	100.0
F638521		5.78	18.05	0.08	1.8	<0.005	0.037	0.56	8.4	12.5	3.94	918	0.41	2.68	2.6	146.5
F638522		6.12	17.75	0.13	1.6	<0.005	0.055	0.47	15.0	9.7	2.71	1105	0.89	2.35	5.2	54.3
F638523		6.46	32.7	0.10	0.9	<0.005	0.132	0.42	17.1	8.1	0.97	691	0.53	1.00	4.4	57.1
F638524		4.89	18.20	0.11	2.3	<0.005	0.038	0.80	19.1	26.7	2.51	1170	0.95	1.87	5.6	121.0
F638525		3.26	13.40	0.10	1.3	<0.005	0.005	0.94	11.1	28.9	1.91	401	1.28	1.94	2.3	48.6
F638526		1.21	2.36	0.06	0.3	<0.005	<0.005	0.14	4.0	5.4	0.26	134	4.06	0.44	0.8	8.6
F638527		3.99	18.45	0.08	1.9	<0.005	0.033	0.74	8.8	25.5	2.41	609	0.95	2.61	2.5	90.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
F032951		470	13.6	82.4	<0.002	0.17	0.20	8.8	1	0.8	755	0.30	0.27	3.77	0.241	0.78
F032952		850	16.1	96.2	0.002	0.05	0.09	7.8	<1	1.2	351	0.19	0.26	5.42	0.258	0.69
F032953		1360	9.4	46.1	<0.002	0.04	0.14	12.2	<1	0.7	614	0.18	0.05	3.87	0.385	0.49
F032954		220	17.4	22.9	<0.002	0.04	0.07	2.3	<1	0.3	259	0.09	<0.05	2.61	0.090	0.17
F032955		1150	10.1	86.3	0.002	0.07	0.06	14.6	<1	1.3	730	0.43	<0.05	5.26	0.379	0.61
F032956		410	9.2	64.6	0.002	0.01	0.06	4.7	<1	0.6	485	0.22	<0.05	5.41	0.205	0.44
F032957		950	7.3	28.3	<0.002	0.02	0.09	10.5	<1	0.6	869	0.24	<0.05	2.20	0.496	0.16
F032958		960	12.9	65.6	<0.002	0.08	0.11	6.7	<1	1.1	503	0.33	<0.05	4.29	0.445	0.57
F032959		710	16.0	64.9	<0.002	0.02	0.05	4.4	<1	0.9	992	0.36	<0.05	3.60	0.213	0.45
F032960		680	11.7	53.7	0.002	0.26	0.06	10.8	<1	1.0	420	0.19	0.19	2.76	0.328	0.45
F032961		660	10.9	67.9	<0.002	0.26	0.06	11.8	<1	1.0	385	0.22	0.19	2.98	0.329	0.52
F032962		570	13.3	54.7	<0.002	0.05	0.12	4.0	<1	0.7	522	0.15	0.14	3.56	0.208	0.44
F032963		430	7.5	66.4	<0.002	0.01	0.08	5.0	<1	0.6	577	0.19	<0.05	5.25	0.215	0.36
F638638		340	5.6	15.6	<0.002	0.18	0.60	34.1	1	0.6	304	0.15	<0.05	0.83	0.514	0.09
F638639		400	3.2	7.5	0.002	0.09	0.35	38.7	1	0.7	401	0.17	<0.05	0.59	0.627	0.05
F638640		10	0.6	0.6	<0.002	<0.01	0.07	0.1	<1	<0.2	43.5	<0.05	<0.05	0.10	<0.005	<0.02
F638641		530	3.5	48.6	<0.002	0.04	0.39	11.3	<1	0.5	507	0.13	<0.05	1.06	0.273	0.26
F638642		520	3.2	53.5	<0.002	<0.01	0.85	11.6	1	0.5	716	0.12	<0.05	1.44	0.266	0.28
F638643		650	3.3	31.6	<0.002	0.02	0.16	5.5	<1	0.4	327	0.39	<0.05	3.07	0.195	0.18
F638644		570	4.5	12.7	<0.002	<0.01	0.23	11.7	<1	0.5	475	0.12	<0.05	1.43	0.282	0.16
F638645		1050	3.3	43.1	<0.002	0.07	0.37	12.6	<1	0.7	519	0.29	<0.05	2.10	0.431	0.23
F638646		540	4.9	48.4	<0.002	<0.01	0.78	6.9	<1	0.5	477	0.16	<0.05	1.56	0.218	0.23
F638647		800	4.1	38.6	0.004	0.03	0.54	14.4	<1	0.6	490	0.25	<0.05	1.74	0.408	0.16
F638648		630	1.3	40.6	0.004	0.32	0.38	30.4	1	0.7	223	0.19	0.08	0.84	0.585	0.19
F638649		90	0.6	2.3	<0.002	0.08	0.22	5.0	<1	0.2	57.1	<0.05	<0.05	0.18	0.092	<0.02
F638650		1300	8.8	63.1	<0.002	0.01	0.37	10.0	<1	2.5	414	2.22	<0.05	8.88	0.655	0.26
F638514		630	2.5	8.0	0.003	<0.01	0.45	29.7	<1	0.7	375	0.23	<0.05	0.77	0.653	0.08
F638515		940	2.1	8.5	0.002	0.05	0.43	32.7	<1	0.7	261	0.22	0.20	1.20	0.637	0.07
F638516		280	2.8	1.1	<0.002	1.44	0.42	18.4	1	0.4	290	0.08	0.64	0.53	0.355	<0.02
F638517		120	4.6	0.4	<0.002	0.57	0.57	8.0	2	0.4	240	<0.05	4.95	0.15	0.223	<0.02
F638518		330	1.6	15.3	<0.002	0.74	0.32	23.8	1	0.6	143.0	0.11	0.54	0.66	0.455	0.05
F638519		360	1.1	8.3	<0.002	0.01	0.39	12.7	<1	0.5	118.5	0.09	0.57	0.54	0.249	0.04
F638520		1280	8.8	63.6	<0.002	0.01	0.34	10.0	<1	2.5	404	2.21	<0.05	8.73	0.639	0.25
F638521		570	2.8	10.8	<0.002	0.01	0.35	22.3	<1	0.6	373	0.13	<0.05	1.44	0.333	0.08
F638522		1020	2.9	13.0	0.002	0.02	0.36	19.6	<1	0.9	331	0.26	<0.05	1.90	0.585	0.07
F638523		740	5.1	11.1	0.002	<0.01	2.54	22.0	<1	0.9	2130	0.23	<0.05	1.61	0.475	0.05
F638524		1070	5.4	25.8	<0.002	0.03	0.22	14.4	1	0.7	517	0.28	0.07	2.48	0.433	0.15
F638525		500	3.8	25.6	<0.002	0.04	0.15	5.9	<1	0.2	356	0.12	<0.05	2.20	0.192	0.13
F638526		50	0.7	3.1	<0.002	<0.01	0.08	1.5	<1	<0.2	55.2	<0.05	<0.05	0.18	0.051	0.02
F638527		470	3.3	15.8	<0.002	<0.01	0.31	13.7	<1	0.5	355	0.15	<0.05	1.46	0.277	0.11

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.1	1	0.1	0.1	2	0.5
F032951		1.1	75	2.5	5.1	130	143.0
F032952		1.6	78	0.6	5.6	58	114.0
F032953		0.9	108	0.5	9.0	79	111.5
F032954		0.5	25	2.6	2.8	32	35.8
F032955		1.4	116	0.2	29.8	94	155.0
F032956		1.7	43	0.7	5.0	60	86.8
F032957		0.5	100	0.5	9.8	44	113.0
F032958		1.0	62	0.9	11.2	84	145.5
F032959		1.2	49	0.3	5.8	74	116.5
F032960		0.7	88	1.1	7.7	107	95.8
F032961		0.7	96	1.0	9.0	127	100.0
F032962		1.0	43	0.4	5.3	51	107.5
F032963		1.1	45	0.4	5.2	49	60.0
F638638		0.5	221	0.3	17.2	90	18.0
F638639		0.2	279	0.2	19.6	108	10.3
F638640		<0.1	1	<0.1	0.2	3	<0.5
F638641		0.2	86	0.5	6.7	78	36.1
F638642		0.3	99	0.2	6.4	59	48.9
F638643		0.6	46	0.5	5.8	60	62.2
F638644		0.3	95	0.2	6.4	84	57.1
F638645		0.5	122	0.4	10.5	93	109.0
F638646		0.4	57	1.4	4.3	71	93.4
F638647		0.4	121	5.6	9.3	87	110.5
F638648		0.2	208	2.1	16.3	124	62.0
F638649		<0.1	66	0.3	3.0	27	8.5
F638650		1.7	74	1.5	17.5	97	234
F638514		0.2	214	0.3	20.8	111	41.8
F638515		0.2	211	0.4	15.3	119	72.8
F638516		0.1	158	0.6	10.5	78	41.3
F638517		0.1	142	0.5	3.5	63	10.3
F638518		0.2	178	1.3	12.3	109	61.0
F638519		0.1	93	0.4	7.3	56	32.6
F638520		1.6	73	1.4	18.1	95	235
F638521		0.3	146	0.1	10.5	81	68.2
F638522		0.4	189	0.1	14.5	89	62.0
F638523		0.4	231	0.9	16.5	30	35.4
F638524		0.5	114	3.2	11.1	82	98.0
F638525		0.3	50	0.4	4.4	70	56.0
F638526		0.2	9	0.2	0.9	17	9.6
F638527		0.4	92	0.1	7.2	66	74.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	WEI-21	Au-ICP21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
F638528		0.72	0.003	0.11	7.54	8.2	120	0.32	0.08	6.28	0.51	6.94	53.8	128	1.22	115.0
F638529		1.29	<0.001	0.05	7.50	0.5	380	0.87	0.24	3.27	0.07	16.70	10.5	78	3.70	14.5
F638530		1.39	<0.001	0.04	7.54	0.6	320	1.07	0.19	4.51	0.09	36.0	21.5	202	4.15	8.9
F638531		0.44	<0.001	0.07	7.45	2.7	700	1.04	0.29	5.10	0.12	76.1	24.5	158	10.20	18.8
F638532		0.81	<0.001	0.04	1.59	0.8	40	0.14	0.23	1.50	0.02	6.92	6.8	50	0.35	13.8
F638533		0.80	<0.001	0.01	5.71	0.7	900	2.32	0.16	5.76	0.12	65.3	50.1	677	3.00	4.8
F638534		0.94	<0.001	0.04	7.72	0.7	630	1.00	0.14	2.34	0.05	26.9	12.2	60	9.33	15.3
F638535		0.99	<0.001	0.05	6.62	1.7	370	1.04	0.65	2.79	0.07	26.2	11.4	60	4.00	30.0
F638536		0.83	<0.001	0.04	7.59	1.9	500	1.03	0.75	3.55	0.08	43.3	21.0	189	9.17	28.3
F638537		1.82	<0.001	0.08	3.56	2.2	370	0.70	2.60	4.66	0.16	31.3	12.8	66	1.15	29.0
F638538		0.74	<0.001	0.06	7.31	1.0	690	1.05	1.40	3.95	0.07	37.6	13.2	82	9.07	20.4
F638539		0.99	<0.001	0.06	7.46	1.2	700	0.87	0.42	3.36	0.11	37.9	13.4	75	3.89	19.8
F638540		0.07	0.322	0.07	5.45	4.6	430	2.25	0.13	1.92	0.05	78.4	26.0	121	3.05	23.0
F638541		0.76	<0.001	0.02	8.03	1.2	560	0.85	0.28	4.02	0.12	22.4	18.4	86	2.52	13.8
F638542		1.33	<0.001	0.03	8.21	0.6	1400	2.05	0.21	4.73	0.09	68.7	22.2	17	5.73	23.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Hg-MS42	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
F638528		9.94	17.75	0.08	1.0	<0.005	0.118	0.35	2.4	22.1	4.10	1685	1.18	1.88	2.8	101.0
F638529		3.19	19.50	0.09	2.4	<0.005	0.028	1.13	6.7	19.4	1.58	558	1.60	3.06	3.0	47.4
F638530		4.09	18.00	0.14	2.7	<0.005	0.031	1.22	10.7	21.4	3.12	756	2.15	2.96	4.4	102.0
F638531		5.94	19.05	0.17	2.8	<0.005	0.055	0.85	28.9	17.4	3.61	1070	1.26	3.60	7.1	111.0
F638532		2.22	4.44	0.05	0.6	<0.005	0.014	0.07	3.4	1.8	0.60	389	2.53	0.52	1.3	16.1
F638533		6.78	15.25	0.15	3.3	<0.005	0.054	1.17	15.7	67.0	8.63	1405	0.24	1.02	5.8	477
F638534		2.99	21.5	0.13	2.8	<0.005	0.021	1.43	10.0	23.1	1.29	394	0.48	3.80	3.1	32.9
F638535		2.68	19.15	0.10	2.1	<0.005	0.027	0.46	12.2	7.9	1.20	494	1.12	3.53	2.6	34.0
F638536		4.43	19.40	0.15	3.1	<0.005	0.032	1.96	17.0	16.5	1.58	451	9.58	2.85	6.8	120.0
F638537		3.47	13.85	0.11	0.9	<0.005	0.047	0.67	13.5	3.4	1.58	791	8.56	0.61	2.5	39.7
F638538		3.58	21.3	0.12	3.3	<0.005	0.036	1.74	12.8	19.6	1.59	536	27.0	2.52	4.9	39.6
F638539		3.48	21.6	0.15	3.7	<0.005	0.037	2.15	14.2	11.2	1.49	618	7.40	2.58	6.5	45.8
F638540		4.56	17.25	0.19	5.3	0.010	0.062	1.53	42.7	19.4	1.35	555	2.21	1.41	40.3	103.0
F638541		4.41	22.1	0.13	2.6	<0.005	0.031	2.07	8.7	17.0	2.16	829	1.46	2.83	3.5	67.8
F638542		5.23	24.0	0.18	4.1	<0.005	0.059	2.35	22.4	45.3	2.44	783	0.36	3.26	10.2	40.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
F638528		380	2.4	11.0	0.002	0.07	0.37	41.7	<1	0.6	195.0	0.17	0.07	0.50	0.612	0.03
F638529		490	10.1	30.2	<0.002	0.08	0.08	8.7	<1	0.7	482	0.19	<0.05	2.09	0.298	0.32
F638530		830	10.3	27.5	<0.002	0.07	0.10	13.3	<1	0.6	713	0.28	<0.05	3.23	0.286	0.31
F638531		1760	10.4	41.3	<0.002	0.07	0.22	20.6	<1	0.9	953	0.36	0.05	4.24	0.582	0.37
F638532		180	2.4	1.9	0.002	0.10	0.09	3.8	<1	0.2	108.5	0.05	<0.05	0.67	0.093	<0.02
F638533		1920	3.9	41.7	<0.002	<0.01	0.12	18.4	<1	1.3	486	0.28	<0.05	4.33	0.461	0.25
F638534		560	10.0	60.1	<0.002	0.01	0.06	9.5	<1	0.6	955	0.18	<0.05	4.44	0.280	0.43
F638535		470	10.2	18.5	<0.002	0.04	0.21	8.1	<1	0.6	640	0.15	<0.05	3.11	0.227	0.15
F638536		980	13.9	71.5	0.003	0.08	0.20	13.3	<1	0.9	491	0.36	0.05	3.95	0.552	0.53
F638537		490	8.9	15.3	0.002	0.08	0.17	7.4	<1	0.5	418	0.11	<0.05	2.17	0.189	0.08
F638538		800	12.2	43.8	0.003	0.05	0.14	10.7	<1	0.8	448	0.28	<0.05	5.80	0.395	0.39
F638539		920	10.2	46.9	<0.002	0.03	0.15	8.5	<1	0.9	290	0.35	<0.05	3.41	0.399	0.34
F638540		1280	8.6	63.9	<0.002	0.01	0.31	10.2	<1	2.4	404	2.32	<0.05	8.19	0.632	0.28
F638541		720	6.5	59.1	<0.002	0.02	0.10	10.9	<1	0.6	624	0.21	<0.05	2.36	0.333	0.33
F638542		1780	13.2	55.7	<0.002	0.17	0.14	10.0	<1	1.6	1235	0.52	<0.05	7.30	0.575	0.48

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.1	1	0.1	0.1	2	0.5
F638528		0.1	280	0.6	20.4	384	28.6
F638529		0.6	73	0.5	7.1	78	92.0
F638530		0.9	104	0.6	10.0	78	102.0
F638531		1.1	165	1.3	19.8	105	117.5
F638532		0.2	24	0.3	2.7	24	16.8
F638533		1.0	147	0.9	21.4	135	136.5
F638534		1.4	80	1.1	5.2	61	106.5
F638535		1.1	73	1.1	5.6	51	82.0
F638536		1.9	123	7.5	10.9	50	119.5
F638537		0.8	77	3.3	6.9	52	34.9
F638538		1.4	101	2.0	9.0	63	134.0
F638539		0.7	78	1.2	9.9	78	150.0
F638540		1.7	72	1.6	18.8	95	234
F638541		0.7	88	1.1	6.8	104	103.0
F638542		1.7	126	0.5	21.3	118	155.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: BARRICK GOLD EXPLORATION INC
BARRICK GOLD
161 BAY ST.
TORONTO ON M5J 2S1

Finalized Date: 6-OCT-2022
Account: HASCAN

Project: LPR22.00007

CERTIFICATE OF ANALYSIS TB22252481

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-32	PUL-QC	SND-ALS	SPL-22Y
SPL-33	WEI-21		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	Hg-MS42	ME-MS61	TRSPEC-20

Appendix F: Expense summaries

Cost Category	Vendor	Date	Cost
Ground Transportation	TJ'S KWIK STOP	8/26/2022	$175.30
Ground Transportation	THE PIT STOP	8/25/2022	$146.89
Ground Transportation	TJ'S KWIK STOP	8/17/2022	$248.74
Ground Transportation	The Pit Stop	8/23/2022	$130.84
Ground Transportation	The Pit Stop	8/17/2022	$63.98
Hotel	SUPER 8 - RED LAKE	9/1/2022	$2,410.20
Hotel	SUPER 8 - RED LAKE	9/1/2022	$2,238.21
Hotel	SUPER 8 - RED LAKE	9/1/2022	$ 4,729.14
Hotel	SUPER 8 - RED LAKE	9/1/2022	$ 5,226.39
Hotel	SUPER 8 - RED LAKE	9/1/2022	$ 3,781.44
Hotel	SUPER 8 - RED LAKE	9/1/2022	$ 2,080.26
Hotel	SUPER 8 - RED LAKE	9/1/2022	$ 230.49
Meals & Entertainment - Local	ANTONIO'S	8/30/2022	$448.02
Meals & Entertainment - Local	THE HOWEY	8/29/2022	$136.82
Meals & Entertainment - Local	THE HOWEY	8/28/2022	$200.74
Meals & Entertainment - Local	ANTONIO'S	8/27/2022	$173.56
Meals & Entertainment - Local	THE HOWEY	8/26/2022	$265.98
Meals & Entertainment - Local	Subway 38052	8/25/2022	$14.20
Meals & Entertainment - Local	ANTONIO'S	8/25/2022	$343.27
Meals & Entertainment - Local	IGA #5271	8/24/2022	$25.43
Meals & Entertainment - Local	THE HOWEY	8/24/2022	$164.53
Meals & Entertainment - Local	ANTONIO'S	8/23/2022	$350.26
Meals & Entertainment - Local	IGA #5271	8/23/2022	$70.09
Meals & Entertainment - Local	THE HOWEY	8/22/2022	$223.75
Meals & Entertainment - Local	THE HOWEY	8/21/2022	$181.26
Meals & Entertainment - Local	BALMER VARIETY	8/20/2022	$14.64
Meals & Entertainment - Local	BALMER MOTOR HOTEL	8/20/2022	$197.80
Meals & Entertainment - Local	ANTONIO'S	8/19/2022	$222.12
Meals & Entertainment - Local	IGA #5271	8/18/2022	$127.34
Meals & Entertainment - Local	ANTONIO'S	8/18/2022	$167.40
Meals & Entertainment - Local	IGA #5271	8/17/2022	$52.52
Meals & Entertainment - Local	THE HOWEY	8/17/2022	$145.71
Meals & Entertainment - Local	THE HOWEY	8/16/2022	$111.49
Meals & Entertainment - Local	THE HOWEY	8/15/2022	$148.09
Meals & Entertainment - Local	THE HOWEY	8/14/2022	$77.83
Meals & Entertainment - Local	ANTONIO'S	8/13/2022	$120.96
Meals & Entertainment - Local	IGA #5271	8/13/2022	$62.72
Meals & Entertainment - Local	IGA #5271	8/22/2022	$80.04
Meals & Entertainment - Local	THE HOWEY	8/22/2022	$77.28
Sample Shipment	Manitoulin Transport	8/31/2022	$141.25
Sample Shipment	Manitoulin Transport	8/18/2022	$134.36
Technical Studies	ALS	9/13/2022	$ 12,147.46
Technical Studies	ALS	9/26/2022	$ 5,579.39
Technical Studies	ALS	10/6/2022	$ 7,811.92
Travel Meals	Subway 11752	9/1/2022	$25.80
Travel Meals	TIM HORTONS #4193	8/31/2022	$57.87

Travel Meals	TIM HORTONS #4193	8/30/2022	$37.89
Travel Meals	TIM HORTONS #4193	8/28/2022	$38.46
Travel Meals	TIM HORTONS #4193	8/28/2022	$7.09
Travel Meals	TIM HORTONS #4193	8/27/2022	$8.34
Travel Meals	TIM HORTONS #4193	8/27/2022	$43.76
Travel Meals	Subway 38052	8/26/2022	$14.20
Travel Meals	TIM HORTONS #4193	8/26/2022	$45.01
Travel Meals	TIM HORTONS #4193	8/25/2022	$25.94
Travel Meals	TIM HORTONS #4193	8/24/2022	$45.94
Travel Meals	TIM HORTONS #4193	8/23/2022	$31.12
Travel Meals	TIM HORTONS #4193	8/22/2022	$15.56
Travel Meals	TIM HORTONS #4193	8/21/2022	$41.94
Travel Meals	TIM HORTONS #4193	8/20/2022	$22.21
Travel Meals	TIM HORTONS #4193	8/19/2022	$5.65
Travel Meals	TIM HORTONS #4193	8/18/2022	$10.41
Travel Meals	TIM HORTONS #4193	8/18/2022	$34.51
Travel Meals	TIM HORTONS #4193	8/17/2022	$39.12
Travel Meals	TIM HORTONS #4193	8/16/2022	$22.41
Travel Meals	TIM HORTONS #4193	8/16/2022	$22.66
Travel Meals	TIM HORTONS #4193	8/15/2022	$6.19
Travel Meals	TIM HORTONS #4193	8/14/2022	$18.04
Travel Meals	TIM HORTONS #4193	8/13/2022	$19.27
Travel Meals	DAYTONA'S KITCHEN & CA	8/12/2022	24.05
Travel Meals	TIM HORTONS #4193	8/30/2022	$25.69
Travel Meals	TIM HORTONS #4193	8/28/2022	$7.09
Travel Meals	TIM HORTONS #4193	8/23/2022	$9.23

Cost Category	Total	
Ground Transportation	$	765.75
Hotel	$	20,696.13
Meals & Entertainment - Local	$	4,203.85
Sample Shipment	$	275.61
Technical Studies	$	25,538.77
Travel Meals	$	705.45