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KGHM

Assessment Report Based on the 2022 Geological Mapping Program

Fieldwork, Analytical Results and Interpretation

Warrior Copper Project

Unwin, Stull, Leask, and Valin Townships

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Senior Project Geologist

Exploration Services

May 2023

Summary

This report serves to supplement the report entitled "Assessment Report Based on the 2022 Geological Mapping Program" submitted in October of 2022. Additional work activities completed following the submission of the previous report include field mapping of the southern block of claims, analytical work on samples described from the previous report and the additional field days, as well as geological compilation and interpretation of the main block of claims.

The additional field program was completed in 2 days, October 25th and November 3rd, 2022. A total of 59 grab samples were collected from both claim blocks and analyzed by SGS Minerals.

Locational data for the outcrop mapping programs was recorded in the NAD83 UTM 17N coordinate system using handheld GPS units.

The results for the main block of claims resulted in an updated geological interpretation for the property. The outcrops mapped and sampled during the 2021 and 2022 mapping programs within the main block were combined with historical mapping to create a new geological model that will be utilized for targeting areas of interest for future field mapping programs. The total expenditures for the work reported herein attributable to the main block of claims were CAD$18,923.94.

The results for the southern block of claims identified a handful of samples that hosted anomalous values for copper, however none of the samples collected in 2022 surpassed the amount of copper identified in samples collected in 2021. Additional field mapping will be required for the southern block in order to generate an updated geological model for the property. The total expenditures for the work reported herein attributable to the south block of claims were CAD$12,259.73.

Table of Contents

List of Figures

List of Tables

Introduction

The Warrior Property is a group of 14 unpatented mining claims owned by FNX Mining Company Inc. (FNX), a subsidiary of KGHM International Ltd (KGHM). 12 claims comprise the "main block" originally staked in 2019-2020, and 2 claims comprise the "south block" which were staked in 2021.

In 2022 KGHM completed a field geological mapping and sampling program on the property. The field program took place in two phases split between the main block and the south block. Five days between September 1st and September 29th were spent on the main block, while the south block was visited in two days: October 25th and November 3rd.

The objective of the 2022 field program was to attempt to identify potential sources for soil geochemical anomalies identified from the results of the 2020 and 2021 soil sampling programs on the property completed by KGHM.

Property Location and Access

The Warrior claim group is located approximately 70 kilometers north of Sudbury within the townships of Unwin, Stull, Leask, Valin, and McNamara. The main block is bordered by Welcome Lake in Stull and Valin townships to the east, and Burwash Lake in Valin Township to the southeast. The south block is approximately 5 kilometers south of the main block in McNamara Township.

The property is accessible on the eastern side of Welcome Lake via Sandy Lake Road which is located approximately 8.5 km to the SSW of Shining Tree, and extends southwards approximately 60 km from Highway 560. An alternative route exists by travelling north from Capreol on Portelance Rd and other logging roads for 75 km. The western side of the property is inaccessible by road. During the field program, geologists traveled via float plane from True North Airways in Azilda, Ontario. See Figure 1 for the property location and access.

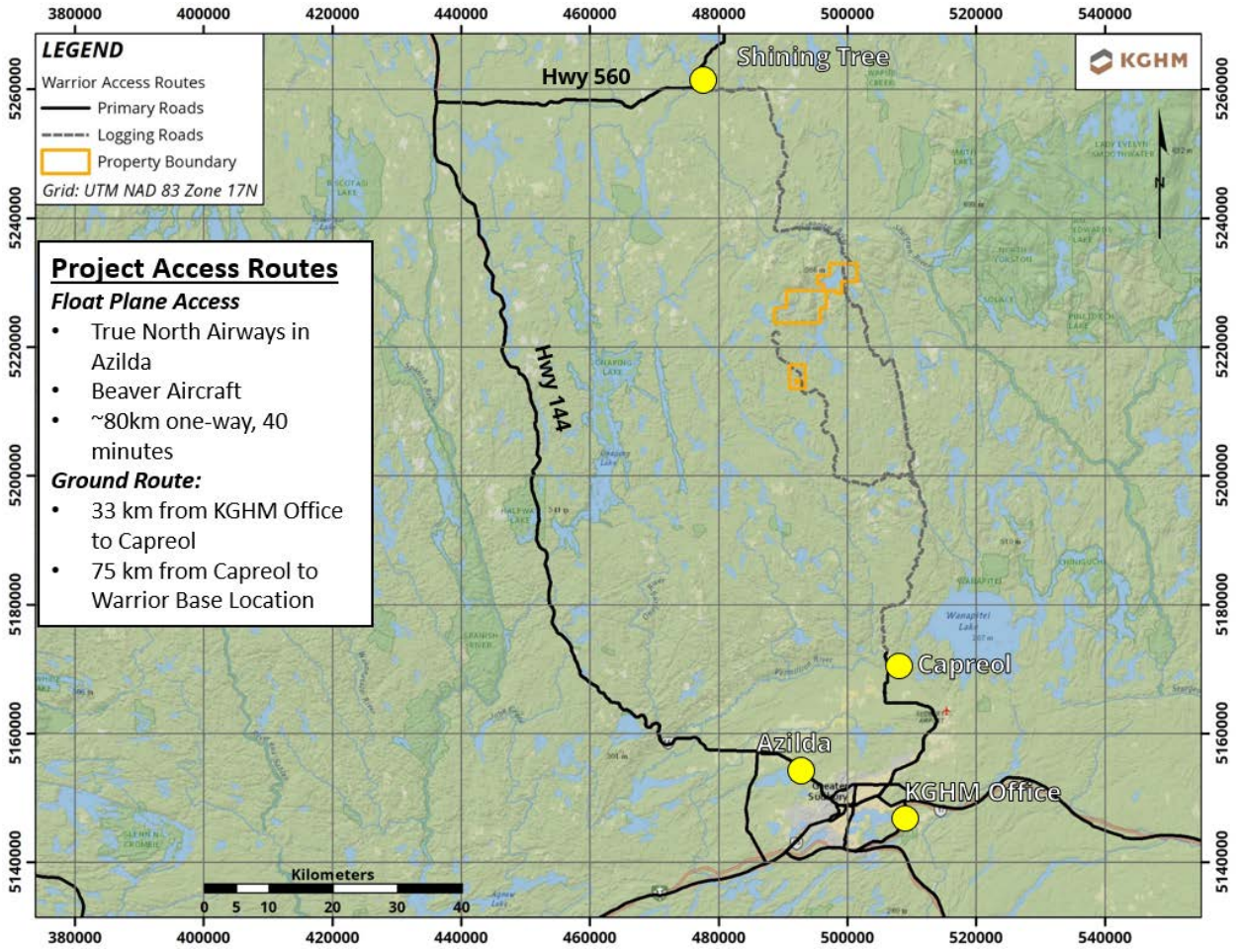

Figure 1: Warrior Property Location and Access

Claim Status

The Warrior Property was staked in 2019 as 20 multi-cell mining claims with an area of 9,172 hectares. In 2020 an additional 5 multi-cell mining claims were staked in the north east side of the main block, bringing the total area to approximately 11,058 hectares (110.6 km^2). In 2021 5 multi-cell mining claims located in the south and west of the main block were dropped after internal review. In September of 2021 an additional 2 multi-cell mining claims were staked approximately 5 kilometers south of the main block which represent the south block.

In October 2022 a handful of claims were allowed to expire, based in large part on relative prospectivity based on findings from field programs from 2020 up to

September of 2022. Following the dropping of claims, the total area held by KGHM at the end of 2022 was approximately 6,051 hectares (60.5 km^2).

All mining claims in the Warrior claim group are 100% owned by FNX Mining Company Inc., a subsidiary of KGHM International Ltd. Work was completed on mining claims 561504, 561507, 561508, 561509, 561593, 561594 located in provincial cell grids 41P03I, 41P03J and 41P03H in September. Work was completed on mining claims 680160 and 680161 located in provincial cell grids 41P03H and 41P03A in October and November 2022. A summary of these claims is shown in Table 1. For a layout of the Warrior claims, see Figure 2.

Table 1: Summary of Individual Claim Units at the end of 2022

Claim Number	Area (ha)	Status	Claim Number	Area (ha)	Status
561507	548.2	Active	**610094**	328.6	Active
561508	548.2	Active	**680160**	549	Active
561509	548.2	Active	**680161**	307.6	Active
561594	526.1	Active	**561504**	548.4	Expired
561595	526.1	Active	**561591**	548.2	Expired
561596	526.1	Active	**561592**	504.2	Expired
561597	131.5	Active	**561593**	526.1	Expired
561599	306.8	Active	**561600**	219.1	Expired
610064	525.9	Active	**561601**	460	Expired
610091	350.5	Active	**562027**	394.6	Expired
610093	328.6	Active	**610154**	350.5	Expired

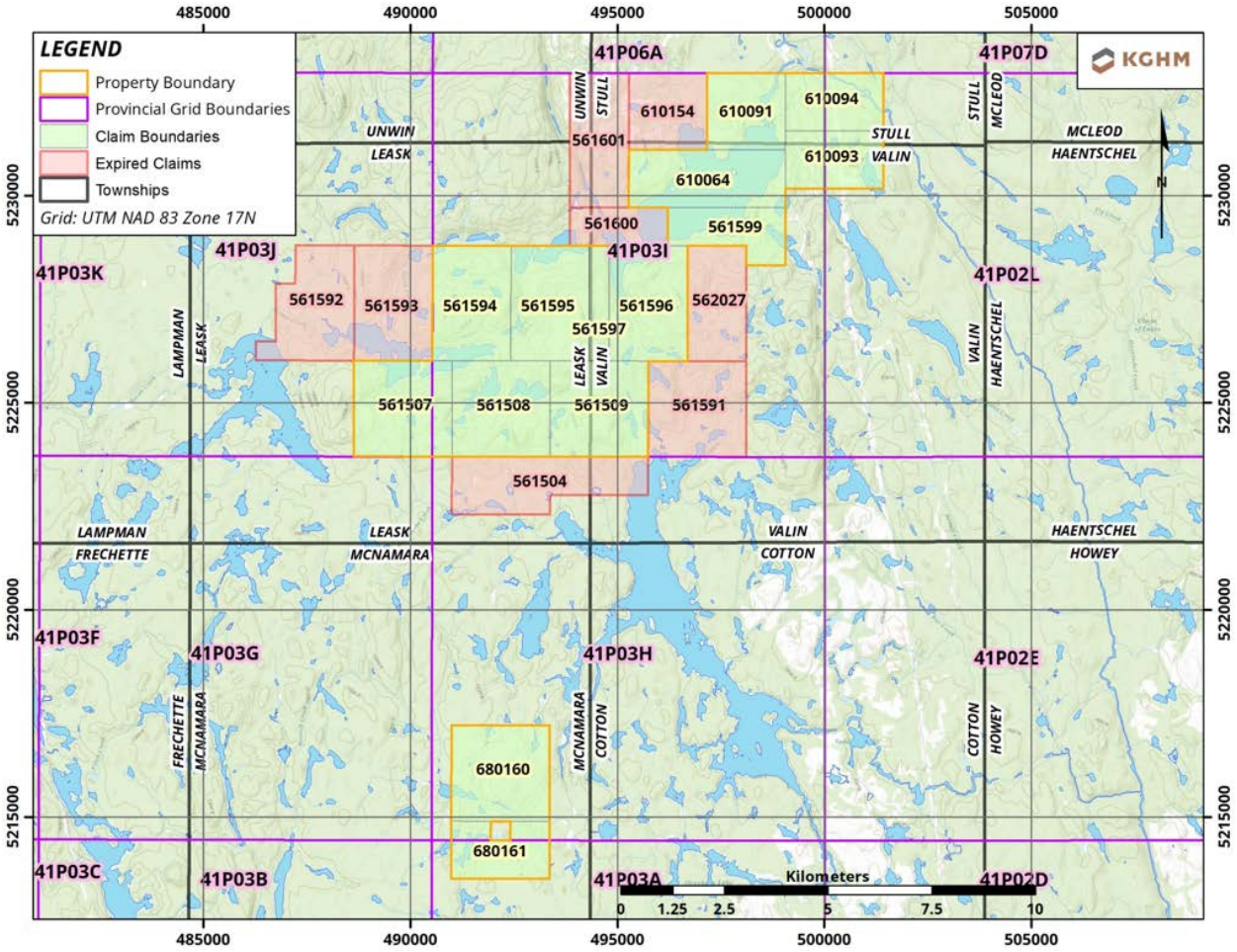

Figure 2: Warrior Claims

Property Geology

The Warrior claim group is dominated by Proterozoic metasediments of the Cobalt Group, the uppermost member of the Huronian Supergroup. This is underlain by Archean age granite and granodiorite plutons and mafic metavolcanics.

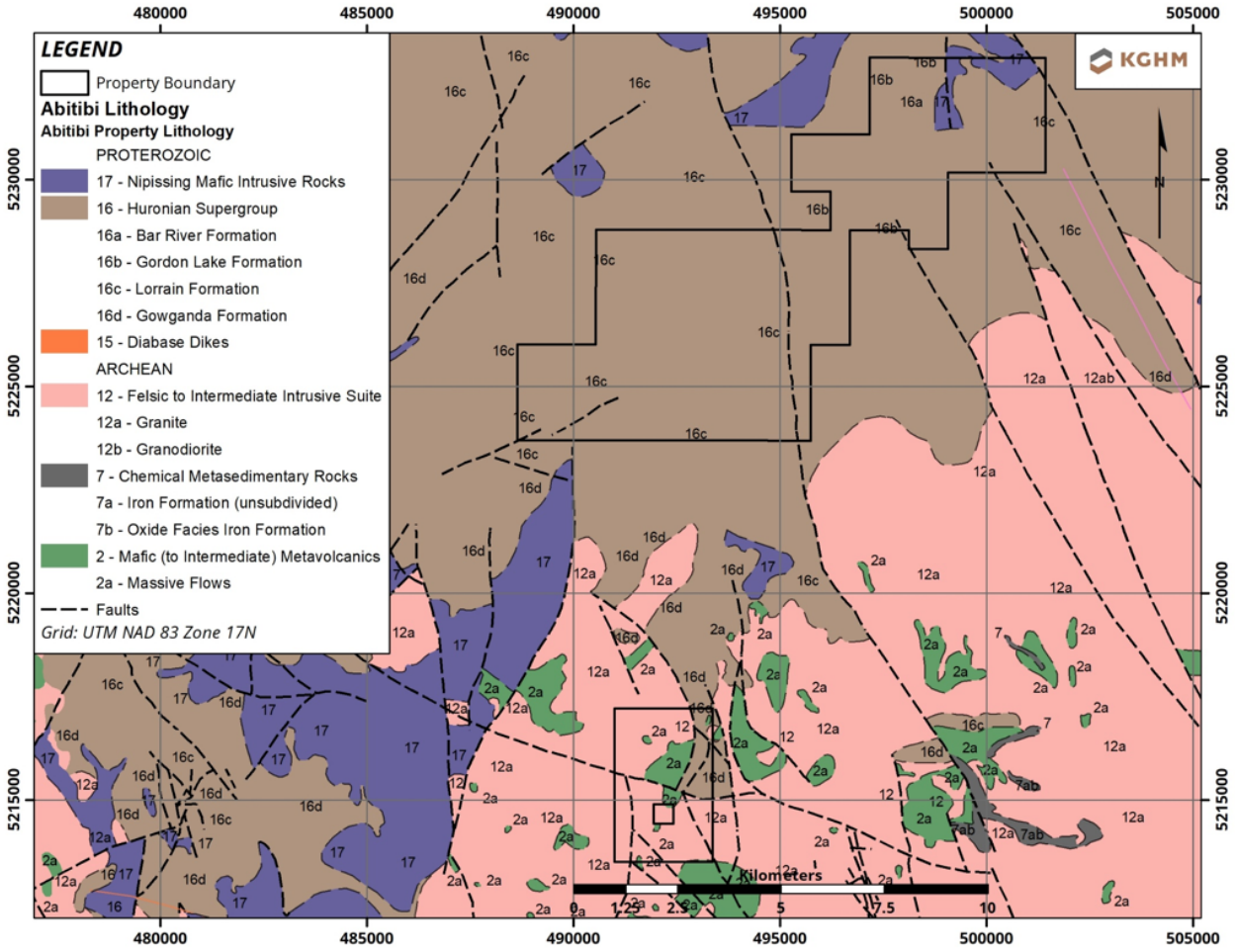

Figure 3: Warrior Property Geology (lithologies from Ayer, 2010)

The Cobalt Group displays a maturing sequence of sandstones and conglomerates, with the amount of quartz relative to feldspars and lithic fragments increasing upwards through younger formations. There are four main formations within the Cobalt Group, all of which are present in, or near, the Warrior Property.

The basal Gowganda Formation is composed primarily of diamictites which grade upwards into the sandstones (quartzites) of the Lorrain Formation (Baumann, 2011). The Lorrain Formation is the thickest of the formations and can be subdivided into three members. The Lower Member is made-up of medium to coarse grained feldspar-rich quartzites and quartz pebble conglomerates. The Middle Member contains thin units of jasperoidal conglomerates and feldspar-rich arkoses and quartzites. The Upper Member contains pale green and white to red-stained

quartzites interbedded with quartz pebble conglomerates (Tindale, 1995). The Lorrain Formation grades upwards into the Gordon Lake Formation, which is characterized as a dolomitic feldspathic argillite with abundant orange, grey and light brown chert, and red fine-grained sandstone. The base of the Gordon Lake Formation contains minor lenses of anhydrite locally, as well as evaporite-related forms of silicate minerals suggesting that the depositional setting was a coastal sabkha, or coastal supratidal zone (Chandler, 1986). The Gordon Lake Formation grades upwards into the Bar River Formation, characterized as thinly bedded, well sorted white arenites with lenses of white kaolin (Baumann, 2011). See Figure 4 for a lithostratigraphic section of the Huronian Supergroup.

Nipissing diabase intrudes into the Huronian as large sills. These intrusions are generally gabbroic, but when contaminated by quartz sand (ie. From the Cobalt Group) the gabbro becomes enriched in quartz and forms quartz gabbro or diorite (Sarkar, 1984).

Stratabound copper mineralization has been found in different locales generally at the boundary between the Lorrain and Gordon Lake formations. The presence of pyritic beds in the Gordon Lake Formation suggests a sufficient source of sulphur, however the source of the copper has been difficult to identify as there are no mafic volcanics within the Cobalt Group sequence. It has alternatively been suggested that the stratabound copper sulphide mineralization may be related to the Nipissing diabase sills that crosscut the Cobalt Group (Chandler, 1986).

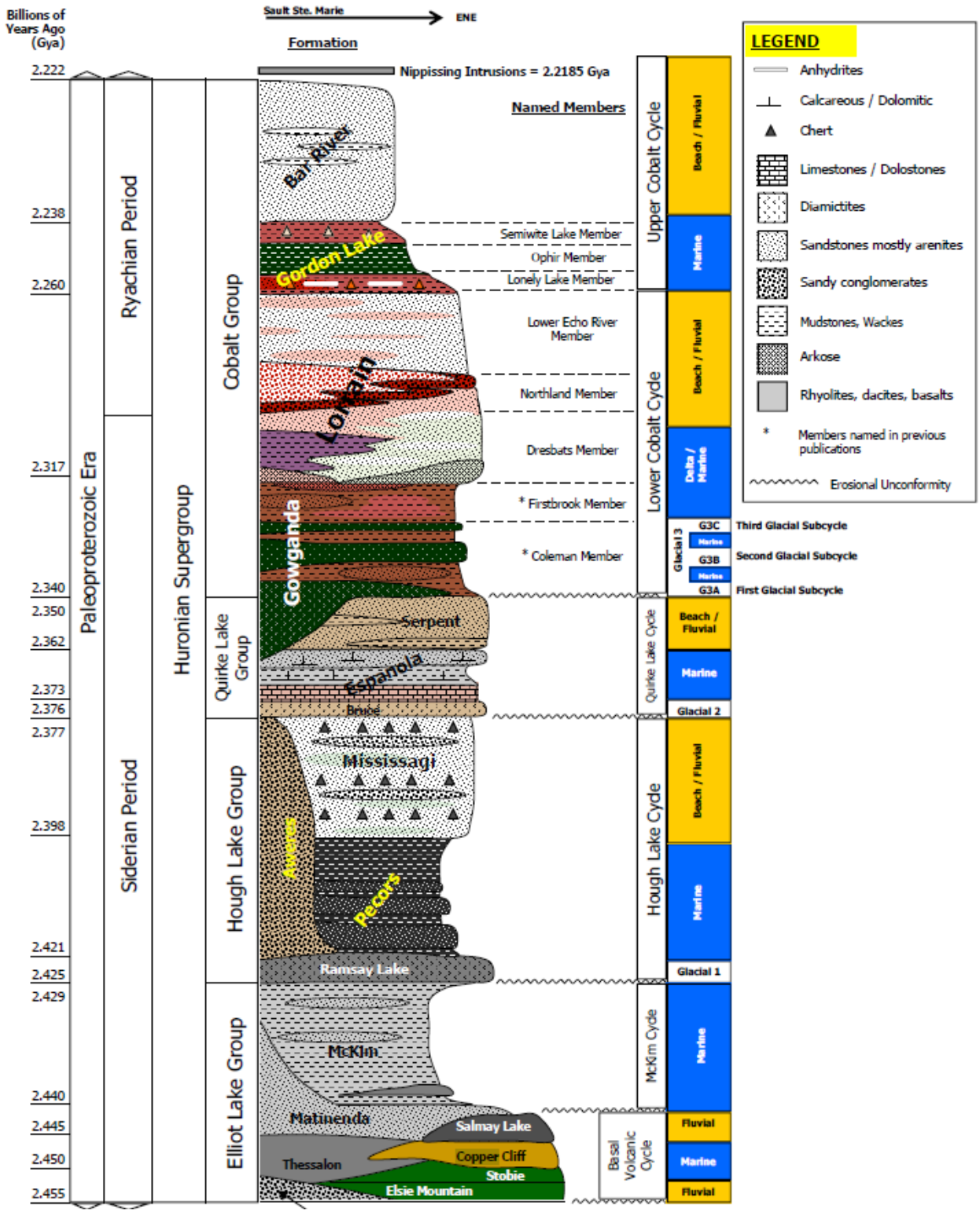

Figure 4: Lithostratigraphic Section of the Huronian Supergroup (Baumann, 2011)

History

In 1970 Chimo Gold Mines contracted McPhar Geophysics Limited to complete an induced polarization (IP) and resistivity survey on the eastern side of Welcome Lake in Valin Township. This was initiated after chalcopyrite-bearing float was discovered in the area and a prospecting party located mineralization associated with gabbro and quartzite.

In 1984 as part of a gold prospecting program, Golden Shield Resources Limited and McFinley Gold Mines Ltd. completed a mapping and sampling program around the eastern side of Welcome Lake. There were no significant results from this campaign, and it was concluded that any mineralization may have been remobilized via supergene solution migration (Sarkar, 1984).

In 1988 the Geological Survey of Canada compiled a large dataset of lake sediment geochemistry through the Regional Lake Sediment and Water Geochemical Reconnaissance Data project (Hornbrook, 1988).

In 1992 prospecting work was completed under M. J. Perkins in Stull, Unwin and Valin townships bordering the Warrior project area. The objective was to determine the possibility of paleoplacer gold mineralization within the Huronian sediments. The most significant results included 1610 ppm Cu within the Lorrain Formation on the eastern side of Welcome Lake (Perkins, 1992).

In 1994 Asquith Resources Inc. completed a soil geochemical and ground IP work program in Stull and Valin townships to the east of Welcome Lake. The IP survey lines across known mineralization failed to detect the showings or any possible extensions. The copper anomalies in the humus samples were not detected in the underlying soils, however it was concluded that the copper anomalies were real and that the source could not be determined other than that it was nearby or underlying the swamps (Tindale, 1994).

Outcrop Mapping Program

Introduction

In September of 2022 a field geological mapping and sampling program was completed on the main block of the Warrior property. The work was completed from September 1st to 29th by two KGHM geologists. The mapping was primarily around the eastern half of Prune Lake, as well as the area to the northwest of Burwash Lake. The areas of focus were chosen based on the results of the 2020 and 2021 soil sampling programs completed by KGHM, and are shown in Figure 5.

In October and November of 2022, two field visits were made to the south block of the Warrior property. The mapping was focused around the location of prospecting samples collected in 2021 that were of interest for follow up, and is shown in Figure 6.

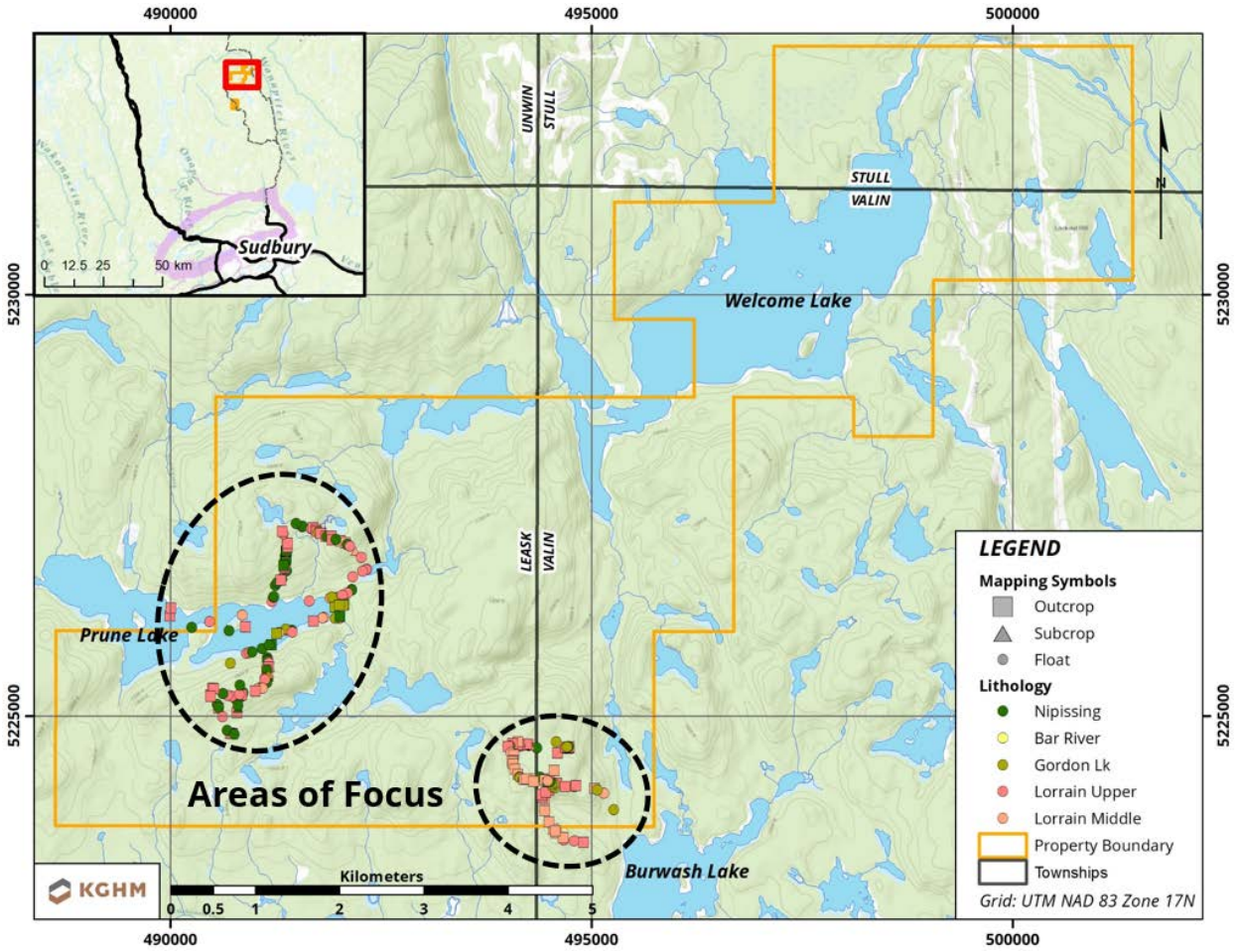

Figure 5: Mapping Areas for 2022 Field Program

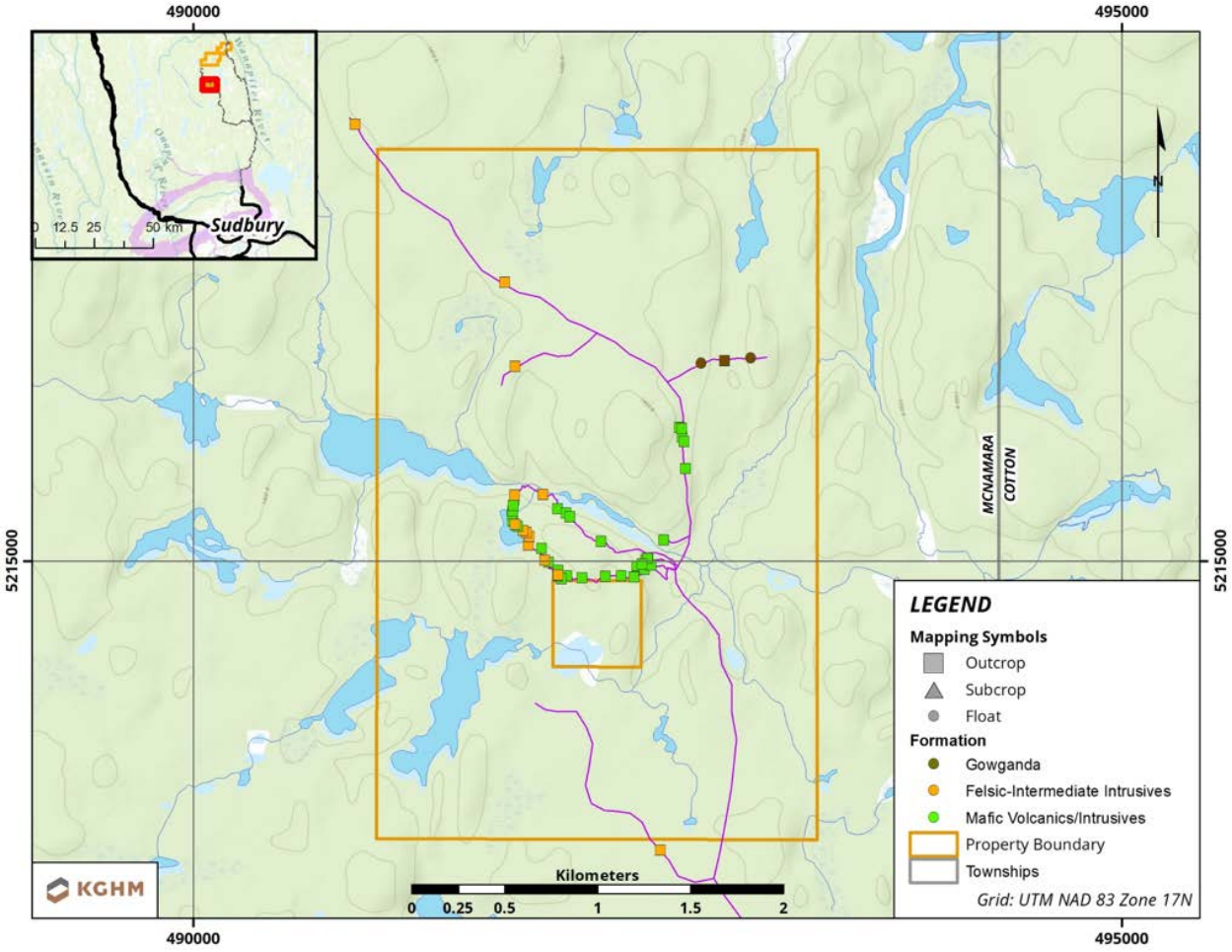

Figure 6: South Block Mapping Areas for 2022 Field Program

Field Logistics

The crew during the field program would depart from True North Airways in Azilda, Ontario in a Beaver or Cessna 185 aircraft, and proceed to the chosen drop point. An emergency pack would be placed at the start of the day, which would also mark the pickup point at the end of the day that could be easily recognized by the pilot. On the second day in the field, a canoe was brought in on the aircraft, which was utilized to map the shoreline of Prune Lake.

Field communications consisted of a Garmin InReach Explorer+ handheld satellite communicator unit. Drop off and pick up points were communicated with KGHM personnel and True North Airways staff prior to departure, and pick up points were confirmed to be suitable with the aircraft pilot before beginning sampling for the day.

Locational data was recorded using a Garmin GPSMAP 62st handheld, with additional GIS information made available in the field using a Samsung Galaxy Tab S6 running ESRI Field Maps. Photos of outcrop sites taken using a Samsung Galaxy A52.

Field Crew

The field program was performed by two KGHM geologists. The field personnel are shown in Table 2.

Table 2: Field Crew for Geological Mapping

Name	Position	Days
Steven Gregory	Area Geologist	Main Block: September 1, 8, 14, 22, 29 (5 days) South Block: October 25, November 3 (2 days)
Chris Verzyden	Senior Project Geologist	Main Block: September 1, 8, 14, 22, 29 (5 days) South Block: October 25, November 3 (2 days)

List of Equipment Used

The equipment used by the field crew included:

- 6 mil poly sample bags
- Reel tape measure
- Sample tag booklet
- Permanent Markers
- Pens
- Maps of the area depicting sampling grid, access, and other geographic features and boundaries accessible via Samsung Galaxy Tab S6
- Garmin GPSMAP 62st handheld GPS
- Samsung Galaxy A52
- Garmin InReach Explorer+

Results

During the course of the mapping program a total of 271 sites were recorded, which included 137 outcrops, 13 subcrops and 121 float specimens. Detailed information was captured for 59 sites, from which 56 samples were collected. Samples were submitted to SGS on Monday December 12th, 2022 and final results were received on February 21st, 2023.

Outcrop data that was recorded included lithological, mineralogical and structural data, and has been included in Appendix A. Analytical results for samples shipped for assay has been included in Appendix B. A geological compilation map of the data collected in the main block has been included in Appendix C. A geological compilation map of the data collected in the south block has been included in Appendix D.

Geologic Model Update

A geologic model for the property was generated using data collected during KGHM's work programs from 2020-2022, as well as historical assessment work completed in the area. Figure 7 below shows a generalized overview of the data used to generate the geological model for the Warrior property main block. Figure 8 depicts the resultant updated geological model.

The goal of the updated geologic model is to assist in targeting the contact between the Gordon Lake and Lorrain formations in the property. The complex geologic history of the units has resulted in tightly folded, overturned and displaced units. The model will continue to be refined as more field data is collected.

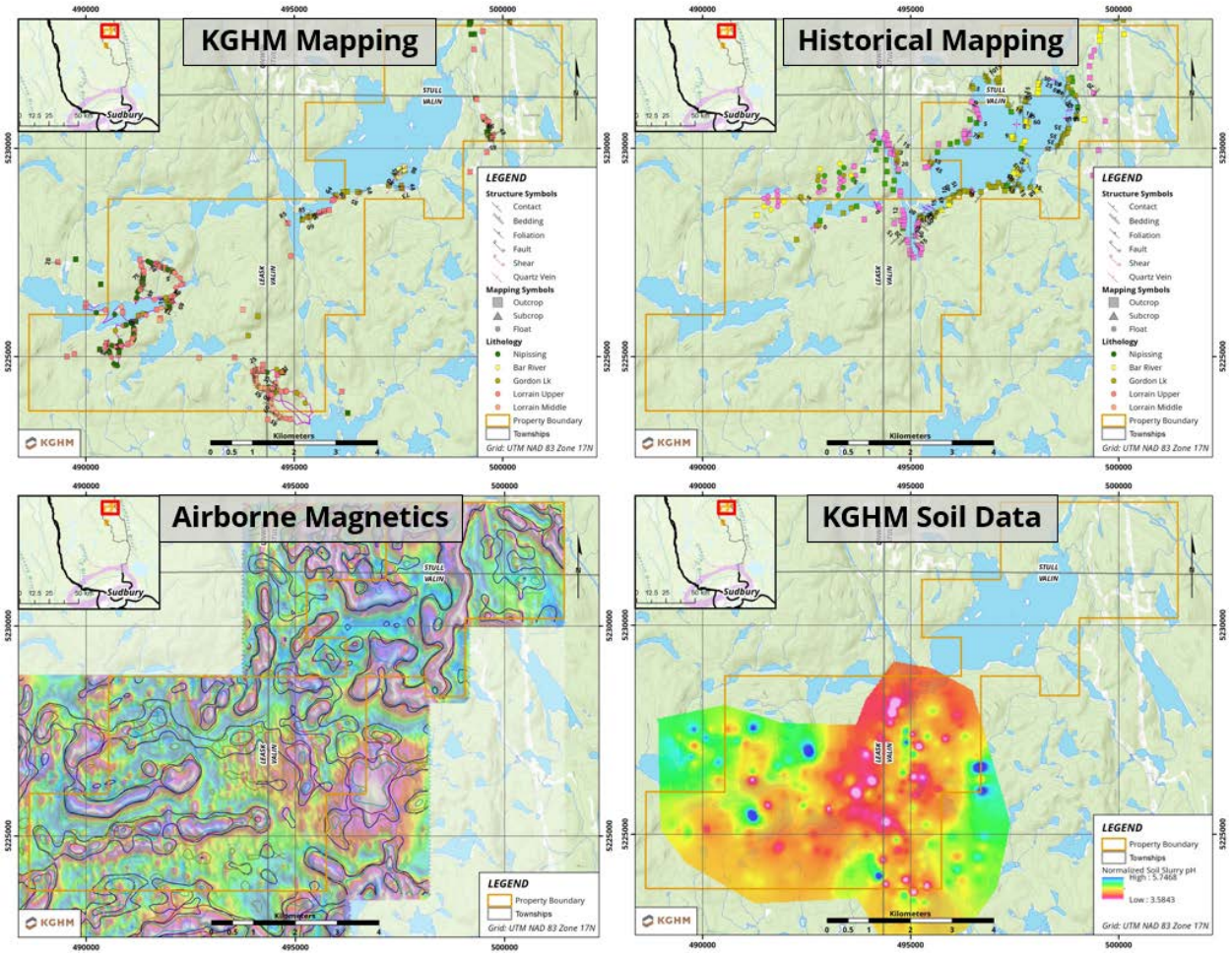

Figure 7: Overview of Datasets used for Geological Model

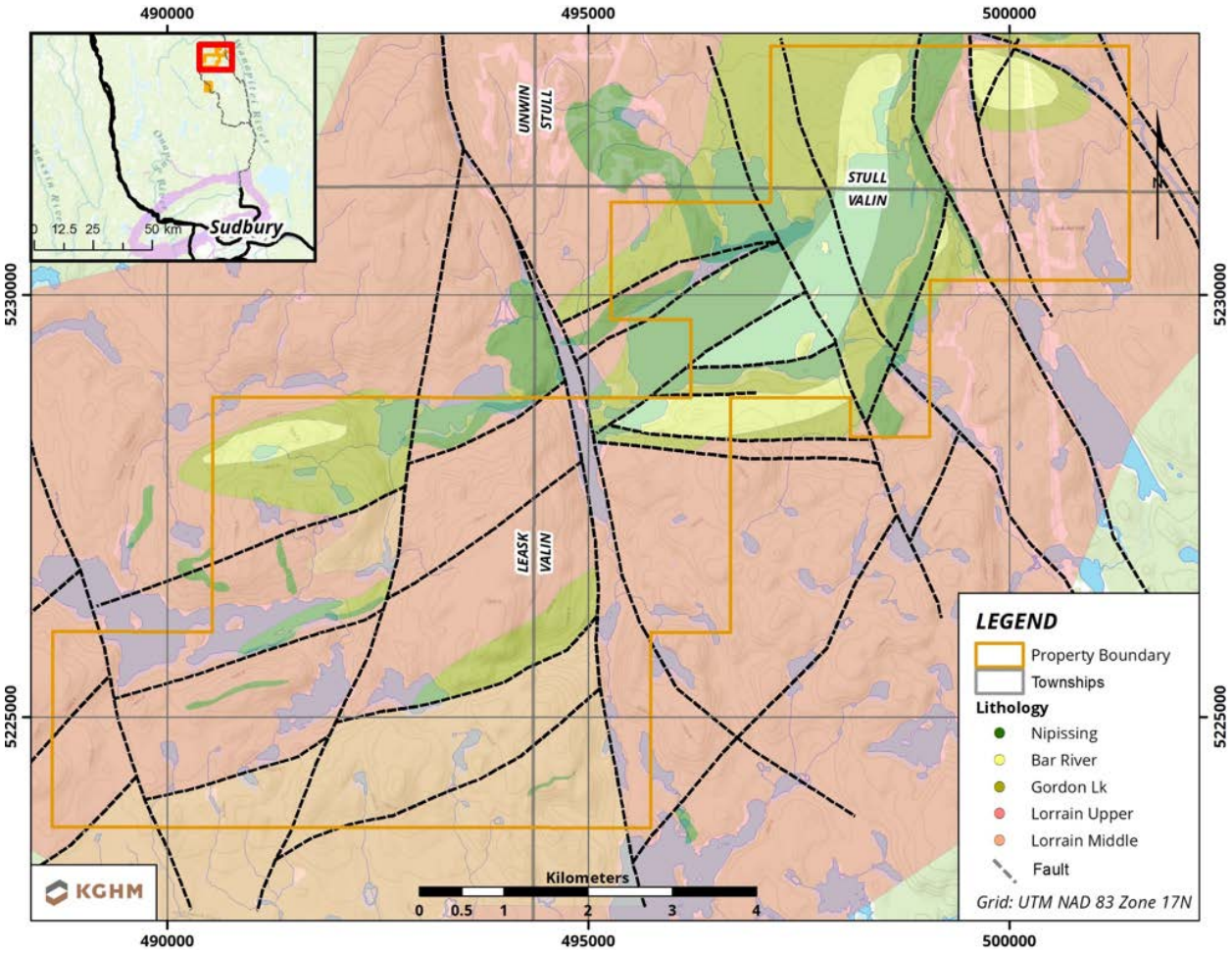

Figure 8: Lithological Model for Warrior Main Block

Discussion

Since the target horizon of interest in the main block was the contact between the Gordon Lake and Lorrain formations, the focus in the field was to attempt to identify these locations. The property is dominated by quartzites and quartz pebble conglomerates of the Lorrain Formation, particularly in the southern half of the main block. There were just two locations where Gordon Lake was identified in outcrop: the eastern shore of Prune Lake, and on a small island immediately to the west of this. Other samples of Gordon Lake recorded and sampled included float samples of meter-scale boulders.

Anomalous copper values of interest were identified from just two sample sites within the main block. The first was from an outcrop of Nipissing diabase on the eastern end of Prune Lake. The second was from a float sample obtained north of the eastern end of Prune Lake. While the anomalous copper in Nipissing diabase was interesting, it is ultimately not the target horizon that the exploration programs have been seeking to identify. The float sample with anomalous copper appeared to be a vuggy representation of upper Lorrain origin close to the contact with Gordon Lake. A historical mapping program from 1984 had indeed identified Gordon Lake formation rocks (as well Bar River formation) to the north of this location. Glacial movements may have been responsible for transporting this float sample from the northern direction. Infill mapping in the area between Prune Lake and Leask Lake may be able to identify the source of this float sample.

The other area where significant copper has been identified in outcrop was to the east of Welcome Lake. Historical assays were confirmed by KGHM sampling in 2021, however this area was not visited during the 2022 field season. This area warrants additional mapping in order to trace the mineralized horizon, however given the relatively steep topography and thick overburden, mechanized stripping may be the best way to step out from this historical showing.

See Figure 9 for an outline of the outcrop mapping data from KGHM's field mapping programs and historical reports. Figure 10 below highlights the locations of anomalous copper values in assay results received from KGHM samples.

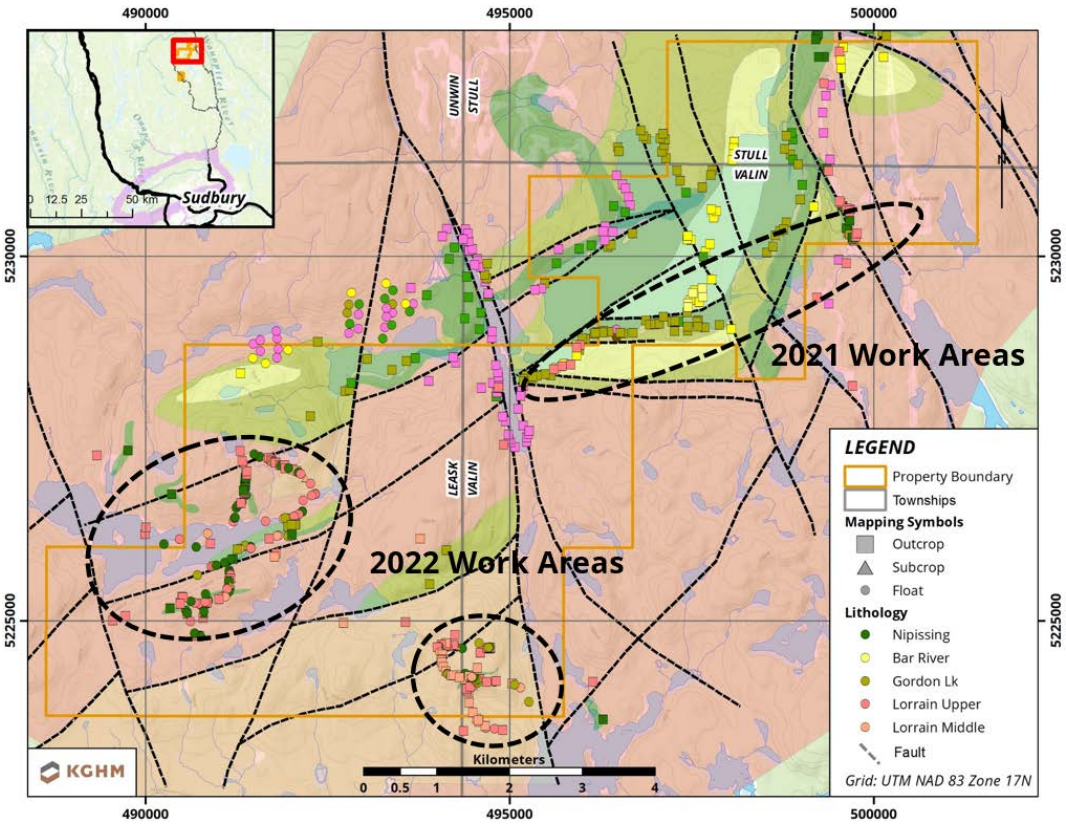

Figure 9: Summary of Outcrop Mapping Data. Historical data from 1984/1992 campaigns has been merged with KGHM data.

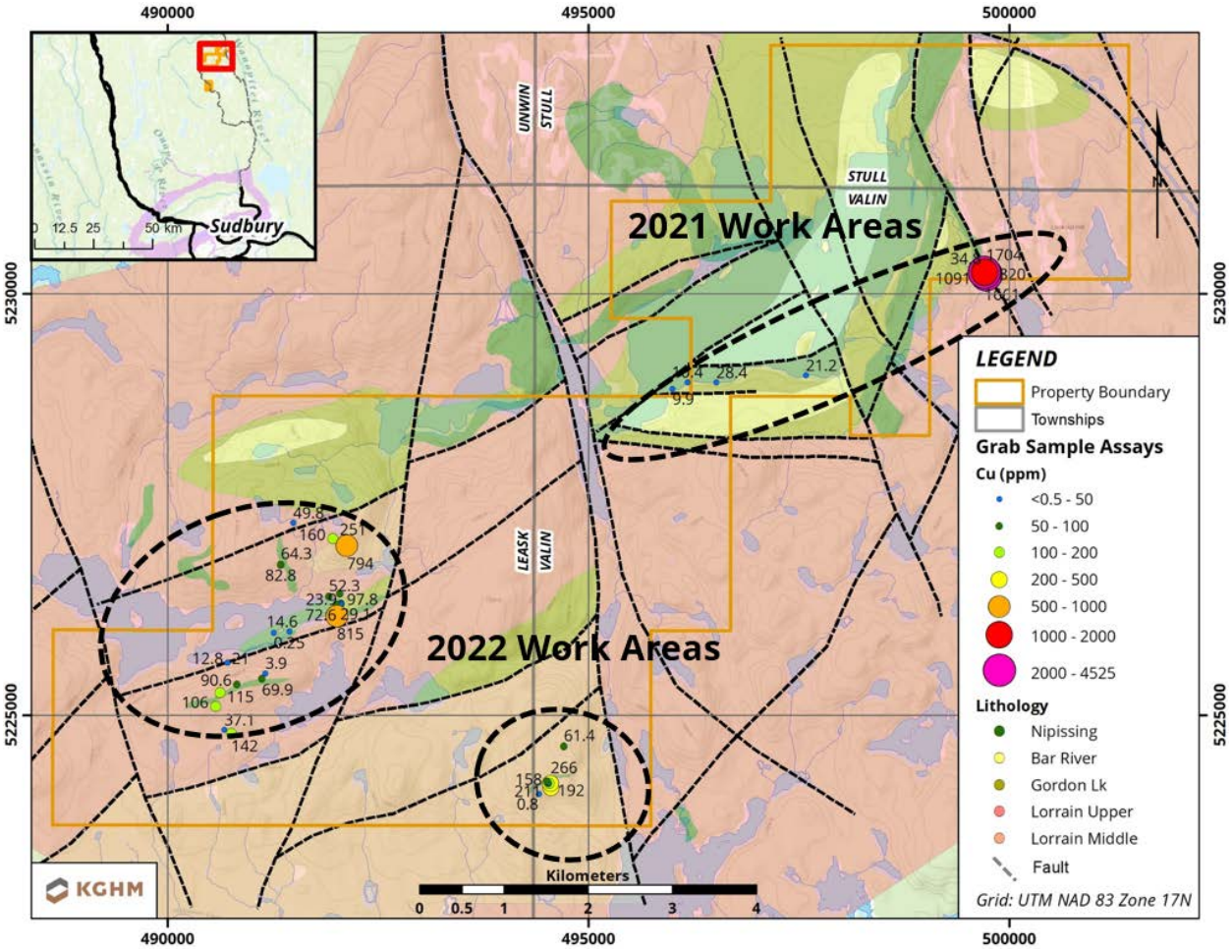

Figure 10: Summary of Grab Sample Assay Data from KGHM field programs.

In the south block, the style of mineralization was interpreted to be a hydrothermal remobilization of sulphides, mainly pyrite and chalcopyrite, along structural features within the felsic to intermediate intrusive suite in proximity to an older mafic intrusive unit. No significant mineralization of the style identified in 2021 was found in outcrop in 2022, however there remains more opportunity for exploration in the area that could not be visited in 2022.

Some anomalous copper values were returned in assay results from samples collected in 2022, however these were not as high grade as that which was sampled in 2021 prior to staking. A couple of samples returned 909 ppm and 806 ppm copper, which was significantly less than the sample collected in 2021 containing 2,924 ppm copper. The rock types containing anomalous copper were all similar, that is a gabbroic volcanic intrusive unit crosscut by a felsic aplitic unit. Due to the limited time spent mapping in the field in the south block in 2022, there is insufficient data

to generate a new lithological model. The interpretation depicted in the figures in this document is adapted from work completed by the Ontario Geological Survey (Ayer et al., 2010). The nature of the contact between the mafic intrusives and felsic intrusives is likely to be extremely irregular and future efforts would be best spent attempting to identify larger structural features that would serve to concentrate mineralization.

Figure 11 below depicts the area covered from the 2022 mapping program. There is an irregular distribution of mafic and felsic intrusives along the chosen traverse. Figure 12 illustrates the distribution of copper values obtained from grab samples in 2021 and 2022. While there is no clear trend to mineralization from field measurements, regional government mapping indicates a general contact zone between the mafic and felsic units close to the highest grade sample obtained.

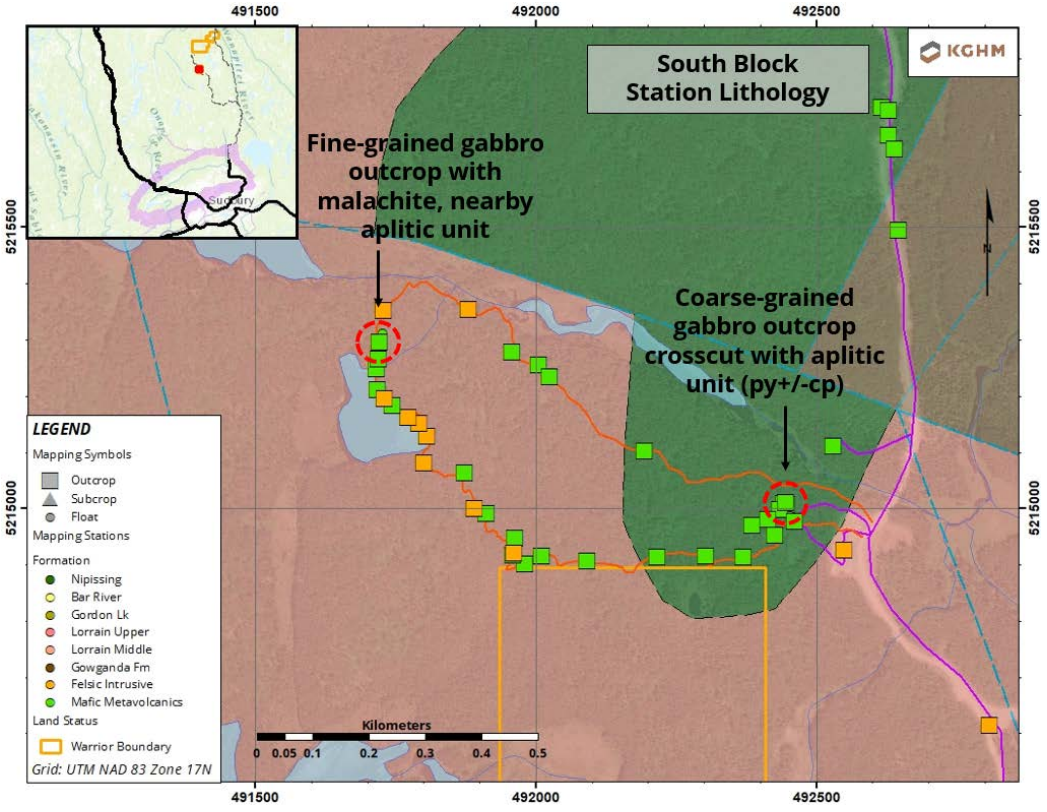

Figure 11: Summary of Outcrop Data for Warrior South Block

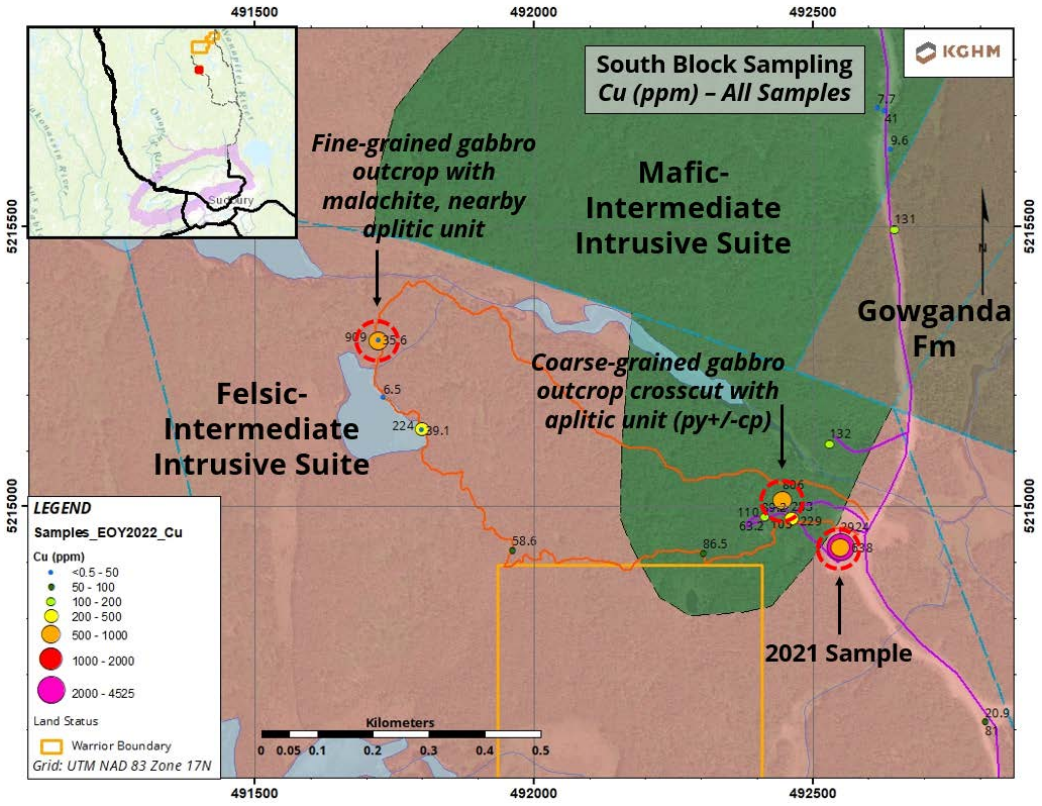

Figure 12: Assay results for Warrior South Block grab samples highlighting copper results

Recommendations for Future Work

In the main block, there are three main areas which warrant follow up. Work programs here will also serve to meet KGHM's exploration obligations, and determine whether further claims may be dropped in order to focus on the areas of highest prospectivity. The three areas are shown in Figure 13 and can be generally summarized as:

1) East of Welcome Lake
2) Between Prune Lake and Leask Lake
3) South of Welcome Lake

The first area is the historical showing along the logging road connecting Capreol to Shining tree to the east of Welcome Lake. Due to the steep terrain and thick overburden, the trend of mineralization is unclear and mechanized stripping is recommended to determine the orientation of this mineralized horizon.

The second area is the ground between Prune Lake and Leask Lake. A mineralized float sample was identified just north of Prune Lake, and historical mapping indicated a potential origin to this sample where Gordon Lake formation was identified. Fly-in outcrop mapping between Prune-Leask-Welcome lakes to infill this area is recommended.

The third area is located south of Welcome Lake, south of the area that was mapped by KGHM in 2021 along the shoreline. This is a lower priority target, and a single day of mapping is recommended to determine the extent of any Gordon Lake formation in this area.

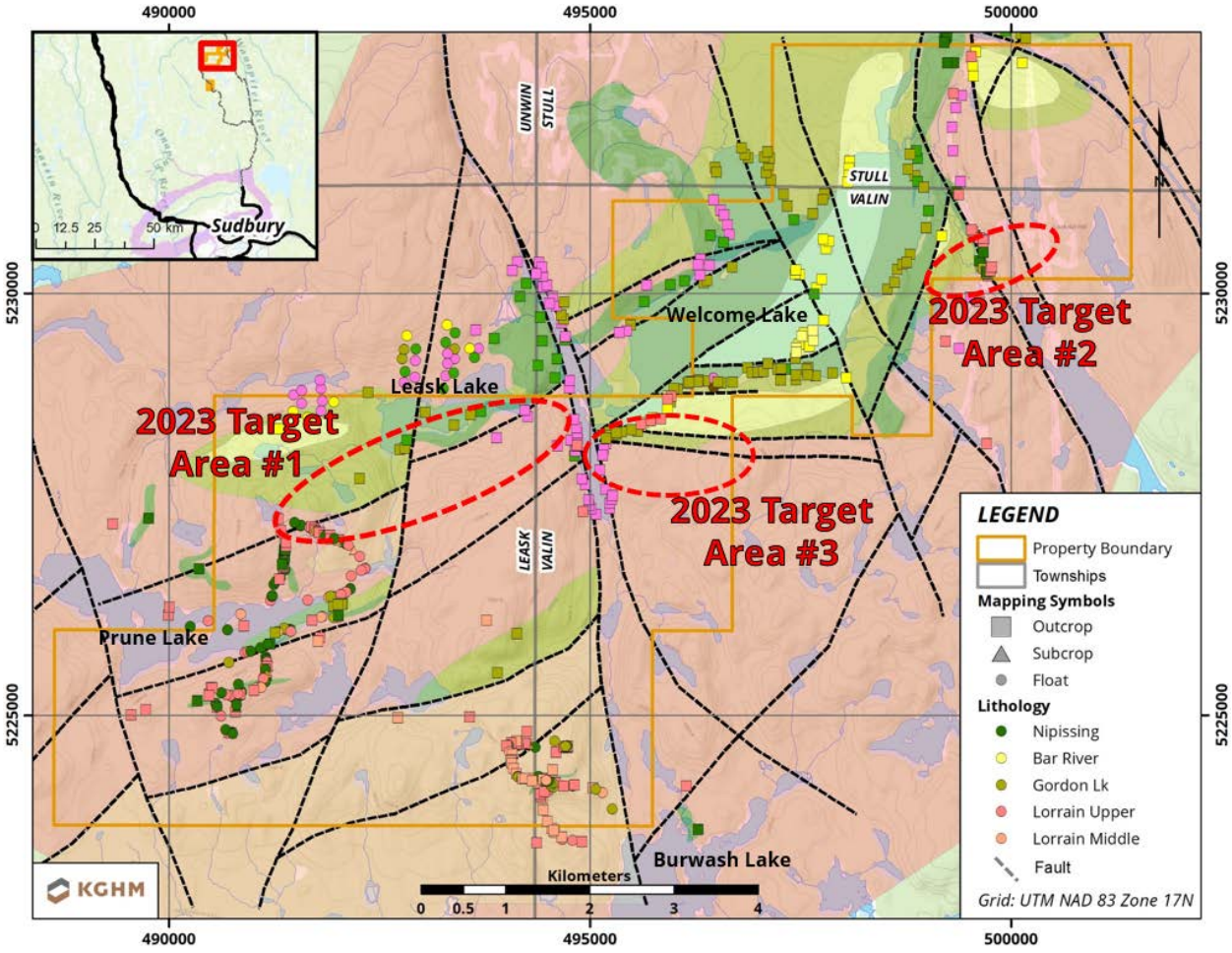

Figure 13: 2023 Main Block Target Areas

In the south block, sulphides were first observed in 2021 during a prospecting visit to the southwest corner of the main block, leading to KGHM staking the claims where mineralization was identified. In 2022 KGHM geologists completed 2 days of fieldwork, however due to the nature of mineralization first observed the occurrence

and controls are not well understood. It is believed that copper sulphide mineralization is the result of felsic to intermediate intrusive rocks crosscutting older mafic intrusive units, especially where significant shearing occurs. In order to better understand the geometry of the interaction between the two units, a small scale airborne geophysical survey completed by drone could provide a way to focus mapping efforts in the area.

Expenditures

As the claim groups described in this report cover two separate contiguous areas, the "main" block and the "south" block, expenditures reported herein have been divided along amounts spent relative to each of the claim blocks. For clarity, the claims belonging to each of the claim blocks is summarized in Table 3.

Table 3: Summary of Claims for Each Contiguous Claim Block

Main Block Claims		South Block Claims
• 561507	• 561597	• 680160
• 561508	• 561599	• 680161
• 561509	• 610064	
• 561594	• 610091	
• 561595	• 610093	
• 561596	• 610094	

A total of $18,923.94 was spent on the Main Block of claims for the work described in this report. This work included examining and cataloging of grab samples collected during the 2022 field program, assays, compilation of field data and historical data, and a geological interpretation. A breakdown of these costs is shown in Table 4.

A total of $12,259.73 was spent on the South Block of claims for the work described in this report. This work included planning, 2 days of fieldwork in 2022, examining and cataloging of grab samples, assays, and compilation of field data. A breakdown of these costs is shown in Table 5.

All samples selected for assay from each of the blocks were submitted together in one batch. Costs for each claim block were split according to the number of samples submitted from each block.

Table 4: Warrior Property Main Block Expenditure Summary

Warrior Main Block Expenditures – Assays, Compilation and Interpretation		
Salaries		
Manager (Project Coordination) 1 days @ $800/day	$	800.00
Area Geologist (Project Supervision/Review): 2 days @ $700/day	$	1,400.00
Senior Project Geologist (Data processing, compilation & interpretation) 22 days @ $600/day	$	13,200.00
GIS Technician (Project Design/Analysis): 2 days @ $450/day	$	900.00
Subtotal	**$**	**16,300.00**
Analytical		
Sample Assays: 38 samples, 64% of total	$	2,591.99
OREAS CRM (QAQC material) & Delivery, 75% of total	$	31.95
Subtotal	**$**	**2,623.94**
TOTAL	**$**	**18,923.94**

Table 5: Warrior Property South Block Expenditure Summary

Warrior South Block Expenditures – Fieldwork, Assays and Compilation		
Salaries		
Manager (Project Coordination) 1 days @ $800/day	$	800.00
Area Geologist (Project Supervision/Fieldwork): 3 days @ $700/day	$	2,100.00
Senior Project Geologist (Data processing, compilation & interpretation) 12 days @ $600/day	$	7,200.00
GIS Technician (Project Design/Analysis): 1 day @ $450/day	$	450.00
Subtotal	**$**	**10,550.00**
Transportation		
Truck Rental ($2,000/month, 2 days fieldwork)	$	66.67
Gasoline ($100/day, 2 days fieldwork)	$	200.00
Subtotal	**$**	**266.67**
Analytical		
Sample Assays: 21 samples, 36% of total	$	1,432.31
OREAS CRM (QAQC material) & Delivery, 25% of total	$	10.65
Subtotal	**$**	**1,443.06**
TOTAL	**$**	**12,259.73**

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Statement of Qualification

I, Christopher Verzyden of the City of Greater Sudbury, Province of Ontario, do hereby certify that:

1. I am a geologist residing at 3221 Lammi's Rd, Sudbury Ontario P3G 1M7.
2. I am a graduate of Carleton University (Ottawa, Ontario) having received a Bachelor of Science (Honours) in Earth Sciences in 2009.
3. I have been practicing in my profession as a geologist continuously since July 6th, 2009.
4. I have been an employee of KGHM International Ltd. (formerly FNX Mining Company Inc.) from July 2009 to November 2015, and February 2018 to Present.
5. I am a current practicing registered professional geoscientist with PGO (registration #3048).
6. The information presented in this document is true and accurate to the best of my knowledge. This information was gathered from such various sources as assessment files, publications and contractor-provided reports.
7. I performed the preparation and geochemical field work covered in this report.
8. I have no personal interest in the property covered by this report.

Dated in Sudbury, Ontario, this 9th day of May, 2023.

Respectfully Submitted,

Christopher Verzyden, B.Sc., P. Geo.
Senior Project Geologist
KGHM International Ltd.
May 9th, 2023

Appendix A: Geological Field Station Data – Main Block

The following pages contain the data collected in the field for each outcrop station visited in the Main Block. "Field Station" represents unique numbers based on the order in which sites were visited. Prefixes of "OC" represent quick points recorded with limited site data collected, while prefixes of "WM" represent points where additional information was collected, photographs were taken, and in some cases samples collected. Locational data is recoded in the UTM NAD83 Zone 17 datum.

Table 6: Field Mapping Station Summary – Main Block

Field Station Sample Number	Station Type	Easting (m)	Northing (m)	Elevation (m)	Date	Formation	Lithology	Alteration	Mineralization	Structures	Description
OC-22-001	Outcrop	491196.0	5225837.6	410.9	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-002	Float	491147.4	5225690.4	460.0	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-003	Float	491149.5	5225659.5	473.6	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-004	Float	491148.1	5225652.0	477.2	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-005	Float	491161.2	5225629.3	485.2	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-006	Subcrop	491175.8	5225574.2	500.9	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-007	Outcrop	491164.6	5225577.9	502.1	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-008	Outcrop	491140.6	5225544.6	509.4	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-009	Float	491139.6	5225544.4	506.8	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-010	Float	491156.5	5225461.1	511.0	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-011	Subcrop	491161.3	5225464.4	510.4	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-012	Float	491119.3	5225443.0	515.2	1-Sep-22	Lorrain Upper	Quartzite	Hematite	-	-	Trace hematite
OC-22-013	Float	491140.0	5225391.1	512.9	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-014	Float	491079.4	5225342.7	509.0	1-Sep-22	Lorrain Upper	Quartzite	Hematite	-	-	Strong hematite
OC-22-015	Float	491089.4	5225322.2	506.1	1-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	Some jasper pebbles
OC-22-016	Float	491034.4	5225318.1	505.3	1-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	Some jasper pebbles
OC-22-017	Float	490861.1	5225273.6	513.4	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-018	Float	490841.3	5225231.2	508.9	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-019	Outcrop	490844.1	5225246.5	510.2	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-020	Float	490774.8	5225194.0	507.8	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-021	Float	490724.2	5225228.3	505.8	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-022	Float	490675.6	5225239.6	510.7	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-023	Outcrop	490497.0	5225325.6	497.7	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-024	Subcrop	490502.3	5225323.6	498.1	1-Sep-22	Nipissing	Diabase	-	-	200/89 Vertical feature	Oriented through streambed
OC-22-025	Outcrop	490473.7	5225246.5	508.9	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-026	Subcrop	490564.2	5225114.8	495.1	1-Sep-22	Nipissing	Diabase	-	-	-	Group of boulders
OC-22-027	Float	490554.2	5225131.4	495.5	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-028	Outcrop	490570.7	5225088.9	488.1	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-029	Float	490613.6	5224987.6	474.8	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-030	Outcrop	490707.4	5224789.3	482.2	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-031	Outcrop	490738.3	5224784.5	479.0	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	High cliff
OC-22-032	Outcrop	490789.6	5225030.1	476.1	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-033	Subcrop	490799.7	5225092.5	482.9	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-034	Float	490801.9	5225120.5	489.8	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-035	Float	490813.5	5225252.0	502.9	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-036	Float	490899.8	5225740.4	424.3	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-037	Float	490932.3	5225750.6	423.7	1-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-038	Float	490969.8	5225752.8	423.3	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-039	Float	491087.0	5225792.5	426.1	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-040	Float	491169.2	5225839.9	422.0	1-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-041	Float	491645.6	5226358.7	423.0	8-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-042	Float	491889.5	5226396.5	424.2	8-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-043	Float	491965.4	5226402.2	426.1	8-Sep-22	Gordon Lake	Siltstone	-	-	-	-
OC-22-044	Outcrop	492052.4	5226314.3	426.9	8-Sep-22	Gordon Lake	Siltstone	-	-	-	-
OC-22-045	Outcrop	491955.4	5226289.3	425.3	8-Sep-22	Gordon Lake	Siltstone	-	-	-	-
OC-22-046	Float	492003.1	5226153.4	425.1	8-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-047	Float	491956.6	5226151.0	425.4	8-Sep-22	Gordon Lake	Siltstone	-	-	-	Large boulder
OC-22-048	Float	491816.6	5226162.0	426.0	8-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-

Field Station	Sample Number	Station Type	Easting (m)	Northing (m)	Elevation (m)	Date	Formation	Lithology	Alteration	Mineralization	Structures	Description
OC-22-049		Float	491800.6	5226156.4	426.3	8-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-050		Outcrop	491694.1	5226117.9	425.6	8-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-051		Float	491435.9	5226013.3	426.2	8-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-052		Float	491373.8	5226015.5	426.4	8-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-053		Float	491362.9	5226024.8	426.3	8-Sep-22	Gordon Lake	Siltstone	-	-	-	-
OC-22-054		Float	491284.2	5225986.4	425.1	8-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	Mix of diabase, quartite and siltstone boulders
OC-22-055		Outcrop	490886.2	5226050.7	427.0	8-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-056		Float	490847.9	5226193.3	427.1	8-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-057		Float	490693.3	5226010.4	427.5	8-Sep-22	Nipissing	Diabase	-	-	-	Large boulder
OC-22-058		Float	490461.9	5226112.4	429.3	8-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-059		Float	490252.3	5226048.1	428.2	8-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-060		Outcrop	489992.8	5226180.3	424.8	8-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-061		Outcrop	490005.3	5226277.0	425.0	8-Sep-22	Lorrain Upper	Quartzite	-	-	-	95% of float on shoreline
OC-22-062		Float	494512.0	5224117.9	489.3	14-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-063		Float	494792.7	5224157.5	503.6	14-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-064		Float	495261.2	5223881.9	410.4	14-Sep-22	Gordon Lake	Siltstone	Hematite, Chlorite	-	-	Banded red and green cherty/siltstone layers
OC-22-065		Float	495142.3	5224078.4	432.0	14-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	Large boulder (10ft)
OC-22-066		Outcrop	494577.2	5223610.8	504.8	14-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-067		Outcrop	494541.7	5223651.9	519.1	14-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-068		Outcrop	494495.1	5223738.5	472.1	14-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-069		Outcrop	494438.8	5224014.4	457.3	14-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	Rare quartz pebbles
OC-22-070		Outcrop	494412.0	5224044.7	472.2	14-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-071		Outcrop	495033.3	5224137.0	475.6	14-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	Rare quartz pebbles
OC-22-072		Float	494789.6	5223513.0	471.7	14-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-073		Float	494664.9	5223527.0	485.8	14-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-074		Outcrop	494416.3	5224031.8	468.0	14-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-075		Outcrop	494495.5	5224115.7	487.0	14-Sep-22	Lorrain Upper	Quartzite	Chlorite	-	-	Greenish hue
OC-22-076		Outcrop	494586.7	5224199.3	510.2	14-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-077		Outcrop	494814.4	5224168.4	494.1	14-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-078		Float	495066.8	5224119.9	459.7	14-Sep-22	Gordon Lake	Siltstone	-	-	-	Banded grey cherty/siltstone layers
OC-22-079		Outcrop	494681.2	5224159.2	491.9	22-Sep-22	Lorrain Upper	Quartzite	-	-	-	Rare quartz pebbles
OC-22-080		Float	494520.5	5224210.5	495.4	22-Sep-22	Gordon Lake	Siltstone	-	-	-	-
OC-22-081		Float	494519.7	5224213.0	495.6	22-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-082		Float	494514.7	5224215.7	495.9	22-Sep-22	Gordon Lake	Siltstone	-	-	-	-
OC-22-083		Outcrop	494497.9	5224245.0	507.6	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-084		Outcrop	494596.4	5224553.3	502.9	22-Sep-22	Lorrain Upper	Quartzite	-	-	051/75 Fracture surface	-
OC-22-085		Outcrop	494704.9	5224615.2	508.6	22-Sep-22	Lorrain Upper	Quartzite	-	-	-	Rare jasper pebbles to 2mm
OC-22-086		Outcrop	494718.9	5224612.7	503.6	22-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-087		Outcrop	494734.2	5224619.9	502.4	22-Sep-22	Lorrain Upper	Quartzite	-	-	278/89 Shear foliation	-
OC-22-088		Outcrop	494732.2	5224631.1	506.9	22-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-089		Outcrop	494681.1	5224624.4	511.5	22-Sep-22	Lorrain Upper	Quartzite	-	-	-	-

Field Station Sample Number	Station Type	Easting (m)	Northing (m)	Elevation (m)	Date	Formation	Lithology	Alteration	Mineralization	Structures	Description
OC-22-090	Float	494694.0	5224621.8	509.2	22-Sep-22	Lorrain Upper	Quartzite	Hematite	-	-	Mottled white/red sandstone
OC-22-091	Float	494722.8	5224634.9	506.1	22-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-092	Float	494576.3	5224688.9	500.6	22-Sep-22	Gordon Lake	Siltstone	Hematite	-	-	Reddish bands, no mineralization
OC-22-093	Float	494346.5	5224620.1	505.2	22-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-094	Float	494250.1	5224647.3	511.4	22-Sep-22	Nipissing	Diabase	-	Pyrite	-	Minor pyrite
OC-22-095	Outcrop	494253.2	5224653.7	512.4	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-096	Float	494242.1	5224656.1	513.7	22-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-097	Outcrop	494227.0	5224660.1	512.6	22-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-098	Float	494144.3	5224641.2	523.9	22-Sep-22	Nipissing	Diabase	-	-	-	Large boulder (5m)
OC-22-099	Outcrop	494137.7	5224645.7	523.0	22-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-100	Outcrop	494124.7	5224656.8	526.5	22-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-101	Outcrop	494123.7	5224691.6	523.3	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	335/25 Quartz pebble beds	-
OC-22-102	Outcrop	494063.2	5224665.8	533.0	22-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-103	Float	494029.9	5224639.3	540.1	22-Sep-22	Nipissing	Diabase	-	-	-	Approximately 1 m boulder
OC-22-104	Outcrop	494005.8	5224634.3	540.1	22-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-105	Float	494038.2	5224564.2	533.2	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-106	Outcrop	494072.0	5224535.0	532.5	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	345/52 Quartz pebble beds	-
OC-22-107	Outcrop	494064.4	5224464.9	534.7	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-108	Outcrop	494053.9	5224457.8	535.2	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	345/15 Quartz pebble beds	-
OC-22-109	Outcrop	494066.6	5224427.6	539.6	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	345/15 Quartz pebble beds	-
OC-22-110	Outcrop	494088.2	5224365.4	545.1	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-111	Outcrop	494124.6	5224304.8	535.0	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-112	Float	494141.7	5224267.6	529.6	22-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-113	Float	494143.1	5224263.9	529.7	22-Sep-22	Gordon Lake	Siltstone	-	-	-	Approximately 20cm boulder
OC-22-114	Float	494147.9	5224262.2	529.2	22-Sep-22	Gordon Lake	Siltstone	-	-	-	Uniform-appearance mudstone
OC-22-115	Float	494182.6	5224243.7	527.6	22-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-116	Outcrop	494197.5	5224243.6	532.4	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-117	Outcrop	494223.8	5224245.2	541.0	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-118	Outcrop	494338.9	5224249.5	516.7	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-119	Float	494387.2	5224268.6	513.9	22-Sep-22	Nipissing	Diabase	-	Pyrite	-	Minor pyrite
OC-22-120	Outcrop	494440.0	5224237.7	510.4	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	204/80 Shear foliation	-
OC-22-121	Outcrop	494477.1	5224198.0	502.8	22-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-122	Float	491202.7	5226358.0	426.3	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-123	Float	491219.5	5226403.0	430.0	29-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-124	Float	491225.2	5226413.2	432.3	29-Sep-22	Nipissing	Diabase	-	-	-	Coarse grained
OC-22-125	Float	491242.4	5226548.4	452.1	29-Sep-22	Nipissing	Diabase	-	-	-	Approximately 4m boulder
OC-22-126	Float	491262.6	5226579.1	455.5	29-Sep-22	Nipissing	Diabase	-	-	-	Approximately 2m boulder
OC-22-127	Float	491317.7	5226623.8	463.1	29-Sep-22	Nipissing	Diabase	-	Pyrrhotite	-	Trace blebby pyrrhotite
OC-22-128	Float	491354.1	5226714.0	472.2	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Massive quartz
OC-22-129	Float	491373.8	5226722.2	471.4	29-Sep-22	Nipissing	Diabase	-	-	-	-

Field Station	Sample Number	Station Type	Easting (m)	Northing (m)	Elevation (m)	Date	Formation	Lithology	Alteration	Mineralization	Structures	Description
OC-22-130		Subcrop	491372.6	5226742.6	474.7	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-131		Subcrop	491363.0	5226758.4	476.2	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Boulder 4m, likely shifted
OC-22-132		Outcrop	491356.5	5226760.0	478.1	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	4mm quartz pebble framework
OC-22-133		Subcrop	491369.8	5226834.5	496.6	29-Sep-22	Nipissing	Diabase	-	Pyrite	-	Trace pyrite
OC-22-134		Subcrop	491367.2	5226850.9	501.9	29-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-135		Outcrop	491357.8	5226851.8	500.7	29-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-136		Outcrop	491371.8	5226867.4	504.2	29-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-137		Outcrop	491373.2	5226897.5	504.8	29-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-138		Float	491376.6	5226933.1	504.6	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Approximately 2m boulder
OC-22-139		Outcrop	491370.9	5226946.8	501.0	29-Sep-22	Nipissing	Diabase	-	-	-	Outcrop 20m high
OC-22-140		Outcrop	491375.3	5226956.2	496.6	29-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-141		Outcrop	491389.5	5226999.8	496.1	29-Sep-22	Lorrain Upper	Quartzite	-	-	064/68 Shear foliation	Outcrop approximately 30m trending N-S
OC-22-142		Outcrop	491384.0	5227043.9	495.7	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-143		Outcrop	491387.5	5227046.7	496.6	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-144		Float	491337.6	5227156.1	513.0	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Approximately 5m boulder
OC-22-145		Outcrop	491325.5	5227186.8	516.6	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-146		Float	491564.1	5227243.5	508.1	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-147		Float	491565.2	5227243.9	508.1	29-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-148		Float	491669.3	5227216.8	508.5	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Rare 2cm quartz pebbles
OC-22-149		Outcrop	491688.7	5227227.1	506.9	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Approximately 30m outcrop
OC-22-150		Outcrop	491725.6	5227205.8	488.6	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Shoreline boulders
OC-22-151		Outcrop	491735.0	5227183.0	489.0	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Occasional 1cm pebbles not in pebble beds
OC-22-152		Float	491750.1	5227179.6	489.5	29-Sep-22	Gordon Lake	Siltstone	-	-	-	Approximately 1ft boulder
OC-22-153		Outcrop	491779.2	5227164.8	488.8	29-Sep-22	Lorrain Upper	Quartzite	-	-	314/89 Shear foliation	Approximate shear trace
OC-22-154		Outcrop	491840.8	5227129.9	504.6	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-155		Float	491852.7	5227122.7	512.9	29-Sep-22	Nipissing	Diabase	-	-	-	Approximately 2m boulder
OC-22-156		Outcrop	491907.6	5227127.7	526.4	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Approximately 50m outcrop
OC-22-157		Outcrop	491916.1	5227083.7	529.3	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-158		Float	491979.8	5227080.8	527.9	29-Sep-22	Nipissing	Diabase	-	-	-	Coarse grained
OC-22-159		Outcrop	492013.0	5227075.4	524.8	29-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	190/05 Quartz pebble beds	Rare jasper
OC-22-160		Outcrop	492077.6	5227047.7	515.9	29-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	Approximately horizontal pebble beds
OC-22-161		Float	492093.5	5227030.2	513.2	29-Sep-22	Gordon Lake	Siltstone	-	-	-	Approximately 1m boulder
OC-22-162		Float	492097.9	5227035.8	512.8	29-Sep-22	Nipissing	Diabase	-	-	-	Approximately 2m boulder
OC-22-163		Subcrop	492195.0	5226957.6	485.0	29-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	-
OC-22-164		Float	492262.9	5226879.2	476.8	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-165		Float	492330.3	5226737.7	434.7	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Shoreline boulders
OC-22-166		Float	492319.8	5226730.2	435.1	29-Sep-22	Lorrain Upper	Quartzite	Hematite	-	-	White-red mottling
OC-22-167		Float	492279.9	5226714.9	435.3	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Occasional vugs, quartz pebbles not arranged in beds
OC-22-168		Float	492159.8	5226645.5	439.7	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	Approximately 4m boulder
OC-22-169		Float	492149.4	5226495.3	438.4	29-Sep-22	Lorrain Upper	Quartzite	Hematite	-	-	White-red mottling
OC-22-170		Float	492149.3	5226488.6	437.3	29-Sep-22	Nipissing	Diabase	-	-	-	-
OC-22-171		Float	492101.9	5226457.7	433.6	29-Sep-22	Lorrain Upper	Quartzite	-	-	-	-
OC-22-172		Float	492038.8	5226426.5	430.7	29-Sep-22	Lorrain Upper	Quartzite	Hematite	-	-	White-red mottling
WM-22-01	C576122	Subcrop	491156.7	5225494.6	508.7	1-Sep-22	Gordon Lake	Siltstone	Chlorite	Pyrite	-	Siltstone with void infillos of pyrite, quartz, strongly chloritized, soft. Possible subcrop, nearby quartzite boulders
WM-22-02	C576123	Float	491118.6	5225429.3	514.5	1-Sep-22	Lorrain Upper	Quartzite	Hematite	-	-	Quartz boulder with layer of pervasive hematite
WM-22-03		Float	491089.7	5225322.1	505.9	1-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	-	Quartz pebble conglomerate boulder with minor jasper fragments

Field Station	Sample Number	Station Type	Easting (m)	Northing (m)	Elevation (m)	Date	Formation	Lithology	Alteration	Mineralization	Structures	Description
WM-22-04		Outcrop	491004.5	5225290.1	505.9	1-Sep-22	Lorrain Upper	Quartzite	-	-	260/54 Shear foliation	Quartzite outcrop, multiple foliations/cleavages
WM-22-05	C576124	Float	490620.0	5225260.5	519.0	1-Sep-22	Nipissing	Diabase	-	-	-	Diabase boulders, fine-grained, massive, trace fine grained disseminated pyrite
WM-22-06		Outcrop	490513.5	5225318.0	502.7	1-Sep-22	Lorrain Upper	Quartzite	Hematite	-	166/60 Cleavage 175/60 Cleavage	Quartzite outcrop, faint orange staining, massive quartz
WM-22-07		Outcrop	490472.6	5225230.4	509.2	1-Sep-22	Lorrain Upper	Quartzite	Hematite	-	240/80 Shear foliation	Quartzite outcrop, shear foliation with dark fracture staining
WM-22-08	C576125	Float	490570.9	5225100.9	492.1	1-Sep-22	Nipissing	Diabase	Epidote, hematite	Pyrrhotite	-	Diabase boulder with epidote veinlet <1cm, adjacent large fragment with hematite veinlets and fine-grained pyrrhotite
WM-22-09	C576126	Float	490671.8	5224823.5	476.6	1-Sep-22	Nipissing	Diabase	Hematite	Pyrite, pyrrhotite	-	Diabase boulders, medium grained with trace sulphides, vuggy weathered surface
WM-22-10	C576127	Float	490756.4	5224781.2	477.9	1-Sep-22	Nipissing	Diabase	Hematite	Pyrite, pyrrhotite	-	Diabase boulder, coarse grained with sulphide burns
WM-22-11	C576128	Float	490822.4	5225363.1	508.8	1-Sep-22	Nipissing	Diabase	-	Pyrite	-	Diabase boulder near top of hill, fine grained with disseminated pyrite throughout, possible metamorphosed mudstone
WM-22-12	C576129 C576130	Float	490710.4	5225618.5	461.7	1-Sep-22	Gordon Lake	Siltstone	-	-	-	-
WM-22-13	C576131	Float	491913.6	5226404.8	425.5	8-Sep-22	Gordon Lake	Siltstone	-	-	-	Shoreline boulder mix, possible Gordon Lake mudstone, occasional boulder of mustone with sandstone having angular and rounded clasts
WM-22-14	C576132 C576133	Outcrop	492062.5	5226320.7	425.9	8-Sep-22	Gordon Lake	Siltstone	Hematite, Chlorite	Pyrite	030 Azimuth trending shear	Gordon Lake mudstone outcrop, interlayered chert bands ~4cm, pyrite grains oxidizing on weathered surface
WM-22-15	C576134	Outcrop	492049.0	5226311.6	426.4	8-Sep-22	Gordon Lake	Siltstone	Chlorite	Pyrite	200/78 Shear Foliation 112/80 Shear Foliation 275/15 Bedding Foliation 250/25 Bedding Foliation	Gordon Lake siltstone outcrop, less green than previous interlayered chert 2-3cm thick, minor fine grained pyrite
WM-22-16	C576135	Outcrop	492005.2	5226310.5	428.4	8-Sep-22	Gordon Lake	Siltstone	Hematite	Pyrite	033/86 Chert Layer 010/82 Chert Layer	Possible upper Gordon Lake, fine grained silicified siltstone and sandstone, no chlorite, minor chert layers ~1cm thick with hematite altered surfaces and interstitial pyrite in non-chert layers, very fissile when breaking, chert is pale yellow-green
WM-22-17	C576136	Outcrop	492010.0	5226178.4	425.2	8-Sep-22	Nipissing	Diabase	Chlorite	Pyrite, chalcopyrite	066 (Az only) Contact Trace	Outcrop trends 066 Azimuth behind peninsula of Gordon Lake. Blebby pyrite +/- chalcopyrite interstitially, appears to sill under peninsula
WM-22-18	C576137	Float	491443.8	5225989.8	425.4	8-Sep-22	Lorrain Upper	Quartzite	Hematite	Pyrite	-	Large boulders on shore, apparent quartzite, coarse grained with weathered out vugs of pyrite accompanied by yellow-orange staining on weathered surface
WM-22-19	C576138	Outcrop	491260.2	5225972.4	426.5	8-Sep-22	Gordon Lake	Siltstone	-	-	228/68 Shear Foliation 230/60 Shear Foliation 244/58 Shear Foliation	Strong shear fabric through rock, western tip of island (remainder of island mostly boulders of mixed lithologies)
WM-22-20		Outcrop	494901.2	5223498.0	465.6	14-Sep-22	Lorrain Upper	Quartzite	-	-	-	Coarse grained quartzite, very faintly pink-purple with scattered quartz pebbles to 3cm (poorly sorted, not layered)
WM-22-21		Outcrop	494663.0	5223553.4	489.1	14-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	228/85 Pebble bed foliation	Quartz pebble conglomerate with rare jasper pebbles

Field Station	Sample Number	Station Type	Easting (m)	Northing (m)	Elevation (m)	Date	Formation	Lithology	Alteration	Mineralization	Structures	Description
WM-22-22		Outcrop	494563.8	5223633.7	507.3	14-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	295/60 Pebble bed foliation 285/60 Bedding foliation	Quartz pebble conglomerate with rare jasper pebbles, 5-10cm pebble beds separated by meter-scale quartzite beds
WM-22-23		Outcrop	494445.4	5223870.7	466.5	14-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	280/63 Pebble bed foliation	Quartz pebble conglomerate with rare jasper pebbles, 5-10cm pebble beds separated by meter-scale quartzite beds
WM-22-24-1	C576139 C576141	Outcrop	494409.0	5224060.3	473.2	14-Sep-22	Lorrain Upper	Arenite	-	Pyrite	-	Red quartzite/arenite, outcrop possibly slumped/shifted, weathered cubic void, pervasive hematite, no fresh pyrite cubes remain. Remaining outcrop has pervasive weak to moderate chlorite, pale green on weathered surface and very faint greenish hue on fresh surface
WM-22-24-2		Outcrop	494453.2	5224090.1	482.5	14-Sep-22	Lorrain Upper	Arenite	-	Pyrite	-	Red quartzite/arenite, outcrop possibly slumped/shifted, weathered cubic void, pervasive hematite, no fresh pyrite cubes remain. Remaining outcrop has pervasive weak to moderate chlorite, pale green on weathered surface and very faint greenish hue on fresh surface
WM-22-25	C576142	Float	494548.3	5224156.2	492.3	14-Sep-22	Felsic Intrusive	Syenite	Hematite	Chalcopyrite	-	Red quartz arenite boulder, ~1ft diameter, <1% blebby chalcopyrite inside
WM-22-26	C576143	Float	494555.4	5224141.9	488.7	14-Sep-22	Gordon Lake	Siltstone	-	Chalcopyrite	-	Mudstone float, cherty layers, ~1mm chalcopyrite veinlet crosscutting with quartz
WM-22-27	C576144	Float	494531.7	5224162.9	497.6	14-Sep-22	Gordon Lake	Siltstone	Hematite	-	-	20cm boulder; sandstone, siltstone and reddish chert bands
WM-22-28	C576145	Float	494548.6	5224190.4	509.1	14-Sep-22	Gordon Lake	Siltstone	Hematite	Pyrite	-	Mudstone float, ~2ft, with banding of quartz/chert lenses and 5-7% disseminated pyrite, stretched along fabric
WM-22-29	C576146	Float	494533.7	5224183.3	509.7	14-Sep-22	Felsic Intrusive	Syenite	Hematite	Chalcopyrite	-	Red quartz arenite boulder, ~4ft diameter, <1% blebby chalcopyrite inside
WM-22-30	C576147	Float	494523.7	5224190.1	511.4	14-Sep-22	Nipissing	Diabase	Potassic	Pyrite, Magnetite	-	Diabase boulder ~10ft, coarse grained with minor fine grained pyrite and magnetite, pinkish splotches of alteration
WM-22-31	C576148	Float	494521.6	5224190.5	510.8	14-Sep-22	Gordon Lake	Siltstone	Hematite	-	-	Red-purple banded with minor chert
WM-22-32	C576149	Float	494506.7	5224216.1	499.2	22-Sep-22	Nipissing	Diabase	Epidote	Pyrrhotite	-	Fine-grained and coarse-grained diabase boulders 1-2ft, disseminated pyrrhotite in fine grained phase, epidote veinlets/fracture-filling throughout
WM-22-33		Float	494477.2	5224227.7	502.4	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	260/40 Quartz pebble beds	Quartz pebble conglomerate, 3cm pebbles, 10m boulder likely rotated
WM-22-34		Outcrop	494555.9	5224348.8	499.5	22-Sep-22	Lorrain Middle	Quartz pebble conglomerate	-	-	296/35 Quartz pebble beds 185/80 Quartz vein (3cm) 310/40 Quartz pebble beds	Quartz pebble conglomerate, 3cm pebbles in 10-20cm beds, rare jasper pebbles
WM-22-35	C576150	Float	494703.5	5224628.0	510.1	22-Sep-22	Gordon Lake	Siltstone	-	-	-	Top of double-peak hill with saddle running through, outcrop is quartzite with float if diabase, red arenite and mottled quartzite. Site of geochem copper anomaly, source likely float-derived

Appendix B: Geological Field Station Data – Main Block

The following pages contain the data collected in the field for each outcrop station visited in the South Block. "Field Station" represents unique numbers based on the order in which sites were visited. Prefixes of "OC" represent quick points recorded with limited site data collected, while prefixes of "WS" represent points where additional information was collected, photographs were taken, and in some cases samples collected. Locational data is recoded in the UTM NAD83 Zone 17 datum.

Table 7: Field Mapping Station Summary - South Block

Field Station	Sample Number	Station Type	Easting (m)	Northing (m)	Elevation (m)	Date	Formation	Lithology	Alteration	Mineralization	Structures	Description
OCS-22-01		Outcrop	492447.5	5215008.2	411.7	25-Oct-22	Mafic Intrusive	Gabbro	Chlorite	-	-	
OCS-22-02		Outcrop	492445.0	5215006.3	416.2	25-Oct-22	Mafic Intrusive	Gabbro	-	-	-	
OCS-22-03		Outcrop	492441.7	5215010.0	416.2	25-Oct-22	Mafic Intrusive	Gabbro	-	-	-	
OCS-22-04		Outcrop	492435.2	5214998.7	423.8	25-Oct-22	Mafic Intrusive	Gabbro	-	-	-	Approx 20m outcrop
OCS-22-05		Outcrop	492385.9	5214971.7	430.2	25-Oct-22	Mafic Intrusive	Gabbro	-	-	-	
OCS-22-06		Float	492998.1	5216088.4	434.2	25-Oct-22	Gowganda	Conglomerate	-	-	-	Mixed lithology float, conglomerate, aplite, gabbro
OCS-22-07		Float	492731.4	5216061.7	426.7	25-Oct-22	Gowganda	Conglomerate	-	-	-	Mixed lithology float, conglomerate, aplite, gabbro
OCS-22-08		Outcrop	490869.0	5217344.3	451.2	25-Oct-22	Felsic Intrusive	Felsic Intrusive	-	-	-	Intrudes mafic volcanic/gabbro
OCS-22-09		Outcrop	491674.3	5216494.6	439.7	25-Oct-22	Felsic Intrusive	Felsic Intrusive	-	-	-	Intrudes mafic volcanic/gabbro
OCS-22-10		Outcrop	491731.2	5216044.5	443.0	25-Oct-22	Felsic Intrusive	Quartz Vein	-	-	042/72 Vein contact	40cm wide quartz vein through Felsic Intrusive unit
OCS-22-11		Outcrop	492514.1	5213443.8	432.1	25-Oct-22	Felsic Intrusive	Felsic Intrusive	-	-	-	
OCS-22-12		Outcrop	492426.6	5214953.7	417.9	3-Nov-22	Mafic Intrusive	Gabbro	-	Pyrite	-	Coarse grained gabbro, ~1% disseminated pyrite
OCS-22-13		Outcrop	492371.0	5214913.8	439.6	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Large 30m outcrop
OCS-22-14		Outcrop	492217.2	5214914.6	432.3	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Large 10m outcrop, coarse grained, at edge of swamp
OCS-22-15		Outcrop	492091.4	5214907.5	438.5	3-Nov-22	Mafic Intrusive	Gabbro	-	-	320/90 Outcrop trend	Approx 20m outcrop at edge of bog/swampy area, generally linear orientation possibly representing a faulted surface. Gabbro is coarse grained.
OCS-22-16		Outcrop	492011.6	5214916.9	437.1	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Approx 20m outcrop, coarse grained
OCS-22-17		Outcrop	491981.1	5214902.4	433.4	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Approx 10m outcrop, coarse grained
OCS-22-18		Float	491947.0	5214892.6	430.6	3-Nov-22	Felsic Intrusive	Felsic Intrusive	Potassic, chlorite	-	-	Approx 3m float, minor chlorite-altered shear
OCS-22-19		Outcrop	491959.5	5214919.0	429.2	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Approx 20m outcrop, coarse grained gabbro
OCS-22-20		Outcrop	491962.9	5214947.5	433.8	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Approx 10m outcrop
OCS-22-21		Outcrop	491911.6	5214991.3	427.0	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	
OCS-22-22		Outcrop	491891.4	5215001.7	426.6	3-Nov-22	Felsic Intrusive	Felsic Intrusive	-	-	-	Low relief, at edge of swamp
OCS-22-23		Float	491873.2	5215029.5	427.7	3-Nov-22	Felsic Intrusive	Felsic Intrusive	-	-	-	Approx 5m boulder
OCS-22-24		Outcrop	491873.7	5215065.1	430.1	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Fine grained, possible metavolcanic, approx 5m outcrop
OCS-22-25		Outcrop	491802.0	5215082.0	428.0	3-Nov-22	Felsic Intrusive	Felsic Intrusive	-	-	-	Approx 10m outcrop
OCS-22-26		Outcrop	491807.3	5215129.2	426.8	3-Nov-22	Felsic Intrusive	Felsic Intrusive	-	-	-	Approx 10m outcrop
OCS-22-27		Outcrop	491792.6	5215151.9	423.3	3-Nov-22	Felsic Intrusive	Felsic Intrusive	-	-	-	Approx 30m outcrop
OCS-22-28		Outcrop	491773.3	5215162.4	424.5	3-Nov-22	Felsic Intrusive	Felsic Intrusive	-	-	-	Approx 10m outcrop
OCS-22-29		Outcrop	491745.2	5215184.0	425.1	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Gabbro crosscut by felsic intrusive sills/veins
OCS-22-30		Outcrop	491719.0	5215213.1	425.4	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Approx 10m outcrop
OCS-22-31		Outcrop	491716.7	5215249.7	425.2	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Fine grained, possible metavolcanic with ~1% very fine disseminated pyrite
OCS-22-32		Outcrop	491719.3	5215266.4	425.1	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Felsic Intrusive sill on top of outcrop, approx 30m outcrop
OCS-22-33		Float	491726.9	5215312.3	426.9	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Approx 5m boulder
OCS-22-34		Outcrop	491729.1	5215353.5	418.9	3-Nov-22	Felsic Intrusive	Felsic Intrusive	-	-	-	High relief, approx 20m outcrop, possibly gabbro at base with irregular contact
OCS-22-35		Subcrop	491766.1	5215388.0	414.5	3-Nov-22	Felsic Intrusive	Felsic Intrusive	-	-	-	Approx 10m subcrop, possibly shifted
OCS-22-36		Outcrop	491880.5	5215354.8	414.9	3-Nov-22	Felsic Intrusive	Felsic Intrusive	-	-	-	Intermediate Intrusive/granodiorite, approx 6m high oriented 20m east-west
OCS-22-37		Outcrop	491958.8	5215279.1	424.6	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Irregular felsic intrusive veins, appro 40m outcrop at top of hill
OCS-22-38		Outcrop	492005.3	5215256.3	425.0	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Approx 20m outcrop
OCS-22-39		Outcrop	492024.9	5215235.3	436.7	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Approx 10m outcrop

Field Station	Sample Number	Station Type	Easting (m)	Northing (m)	Elevation (m)	Date	Formation	Lithology	Alteration	Mineralization	Structures	Description
OCS-22-40		Outcrop	492194.2	5215103.0	451.0	3-Nov-22	Mafic Intrusive	Gabbro	-	-	-	Approx 50m outcrop
WS-22-01	C576101 C576102	Outcrop	492462.4	5214977.2	403.6	25-Oct-22	Mafic Intrusive	Gabbro	Chlorite	Pyrite, chalcopyrite	-	Gabbro, coarse grained, strongly chloritized, pitted/weathered surface. Intruded by felsic aplitic unit hosting pyrite +/-chalcopyrite. Outcrop west of road, past harvest area.
WS-22-02	C576103	Outcrop	492445.4	5215011.0	412.4	25-Oct-22	Mafic Intrusive	Gabbro	-	Pyrite, chalcopyrite	275/42 Aplite dike	Gabbro, coarse grained, large 20m outcrop, crosscut with felsic aplitic unit with pyrite +/- chalcopyrite
WS-22-03	C576104 C576105 C576106 C576107	Outcrop	492414.5	5214981.7	426.1	25-Oct-22	Mafic Intrusive	Gabbro	-	Malachite	-	Gabbro, 30m outcrop as large hill, felsic aplitic unit crosscurring, trace malachite in gabbro along fracture
WS-22-04	C576108	Float	492530.4	5215112.0	416.1	25-Oct-22	Mafic Intrusive	Gabbro	-	Pyrite	-	Gabbro-diorite float, massive with cm-scale massive pyrite nodules
WS-22-05	C576109	Outcrop	492647.3	5215495.1	428.6	25-Oct-22	Mafic Intrusive	Gabbro	Chlorite	Pyrite	245/90 Intrusive contact	Gabbro-felsic intrusive contact, gabbro hosts minor pyrite, strongly altered at contact with chlorite
WS-22-06		Outcrop	492629.3	5215665.8	429.1	25-Oct-22	Mafic Intrusive	Gabbro	Chlorite, epidote	-	155/45 Intrusive contact	Gabbro-felsic intrusive dike/sill, strongly chloritized, epidote sub-parallel with dike
WS-22-07	C576110	Outcrop	492640.5	5215640.0	421.3	25-Oct-22	Mafic Intrusive	Gabbro	-	-	-	Gabbro/ultramafic, pegmatitic pyroxene, cm-scale grainge with minor aplite dikes
WS-22-08	C576111	Outcrop	492616.4	5215714.8	434.6	25-Oct-22	Mafic Intrusive	Metavolcanic	-	-	-	Large outcrop 15m high, apparent aplite sill, approximately meter-scale cutting mafic volcanic. Aplite vuggy on weathered surface.
WS-22-09	C576112	Outcrop	492628.8	5215709.8	429.7	25-Oct-22	Mafic Intrusive	Metavolcanic	-	-	-	Mafic volcanic, fine-grained, rare vugs, minor to trace blebby pyrrhotite, outcrop on roadside.
WS-22-10	C576113	Outcrop	492858.2	5216072.7	420.9	25-Oct-22	Gowganda	Conglomerate	-	-	-	Breccia/conglomerate, chlorite altered matrix (mudstone composistion) with cm to meter scale rounded clasts of granite, diorite and gabbro, rusty spots throughout.
WS-22-11		Subcrop	492430.7	5214937.7	421.8	3-Nov-22	Felsic Intrusive	Quartz feldspar porphyry	-	-	-	Quartz feldspar porphyry, possibly shifted large boulder, cm-m scale angular mafic clasts
WS-22-12	C576114	Outcrop	492302.7	5214917.0	434.1	3-Nov-22	Mafic Intrusive	Gabbro	Biotite, muscovite	-	145/72 Shear	Large 10m outcrop, low relief, coarse grained gabbro, porphyroblastic biotite-muscovite, with hematite on fracture surfaces
WS-22-13	C576115	Outcrop	491961.4	5214922.2	430.3	3-Nov-22	Felsic Intrusive	Syenite	Potassic	-	320/82 calcite stringers 330/90 contact with FI	Felsic intrusive sill into gabbro, approximately flat/horizontal, intrusive has mm-scale calcite filled fractures sub-vertical
WS-22-14	C576116 C576117	Float	491800.1	5215138.9	424.8	3-Nov-22	Felsic Intrusive	Granodiorite	Potassic, hematite	Pyrite, chalcopyrite	-	Float with pyrite/chalcopyrite fracture filling. Mixed lithologies at location.
WS-22-15	C576118	Outcrop	491731.2	5215195.7	426.0	3-Nov-22	Felsic Intrusive	Breccia	-	-	-	Felsic intrusive sill cm-m scale through large ~20m outcrop, sample collected is a breccia of pink intrusive within chloritized mafic unit, may represent a brittle shear zone
WS-22-16	C576119	Outcrop	491721.2	5215296.8	425.0	3-Nov-22	Mafic Intrusive	Metavolcanic	-	Pyrite, malachite	-	Fine-grained gabbro with trace malachite and up to 1% fine fracture-controlled pyrite. Outcrop is north of small lake, possible small felsic aplitic sill on upper surface.
WS-22-17	C576121	Float	491722.6	5215299.4	425.5	3-Nov-22	Felsic Intrusive	Pegmatite	Potassic	Pyrite	-	Buried boulder/cobble area, mixed lithologies, sample collected appears to be pegmatitic felsic intrusive with quartz flooding, strongly altered, trace pyrite

Appendix C: Grab Sample Photographs – Main Block

The photographs taken of grab samples collected in the Main Block of the Warrior property in 2022 are included in this section. Each sample co

Figure 14: Sample WM-22-01

Figure 15: Sample WM-22-02

Figure 16: Sample WM-22-05

Figure 17: Sample WM-22-08

Figure 18: Sample WM-22-09

Figure 19: Sample WM-22-10

Figure 20: Sample WM-22-11

Figure 21: Sample WM-22-12A

Figure 22: Sample WM-22-12B

Figure 23: Sample WM-22-13

Figure 24: Sample WM-22-14A

Figure 25: Sample WM-22-14B

Figure 26: Sample WM-22-15

Figure 27: Sample WM-22-16

Figure 28: Sample WM-22-17

Figure 29: Sample WM-22-18

Figure 30: Sample WM-22-19

Figure 31: Sample WM-22-24A

Figure 32: Sample WM-22-24B

Figure 33: Sample WM-22-25

Figure 34: Sample WM-22-26

Figure 35: Sample WM-22-27

Figure 36: Sample WM-22-28

Figure 37: Sample WM-22-29

Figure 38: Sample WM-22-30

Figure 39: Sample WM-22-31

Figure 40: Sample WM-22-32

Figure 41: Sample WM-22-35

Figure 42: Sample WM-22-38A

Figure 43: Sample WM-22-38B

Figure 44: Sample WM-22-39

Figure 45: Sample WM-22-40

Figure 46: Sample WS-22-41A

Figure 47: Sample WM-22-41B

Figure 48: Sample WM-22-42

Appendix D: Grab Sample Photographs – South Block

The photographs taken of grab samples collected in the South Block of the Warrior property in 2022 are included in this section.

Figure 49: Sample WS-22-01A

Figure 50: Sample WS-22-01B

Figure 51: Sample WS-22-02

Figure 52: Sample WS-22-03A

Figure 53: Sample WS-22-03B

Figure 54: Sample WS-22-03C

Figure 55: Sample WS-22-03D

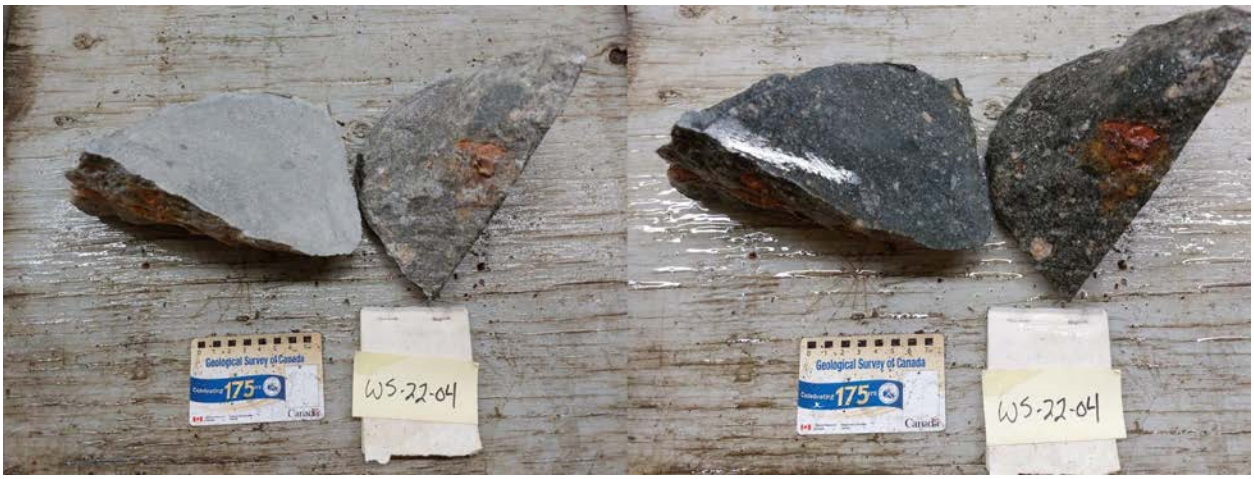


Figure 56: Sample WS-22-04

Figure 57: Sample WS-22-05

Figure 58: Sample WS-22-07

Figure 59: Sample WS-22-08

Figure 60: Sample WS-22-09

Figure 61: Sample WS-22-10

Figure 62: Sample WS-22-12

Figure 63: Sample WS-22-13

Figure 64: Sample WS-22-14A

Figure 65: Sample WS-22-14B

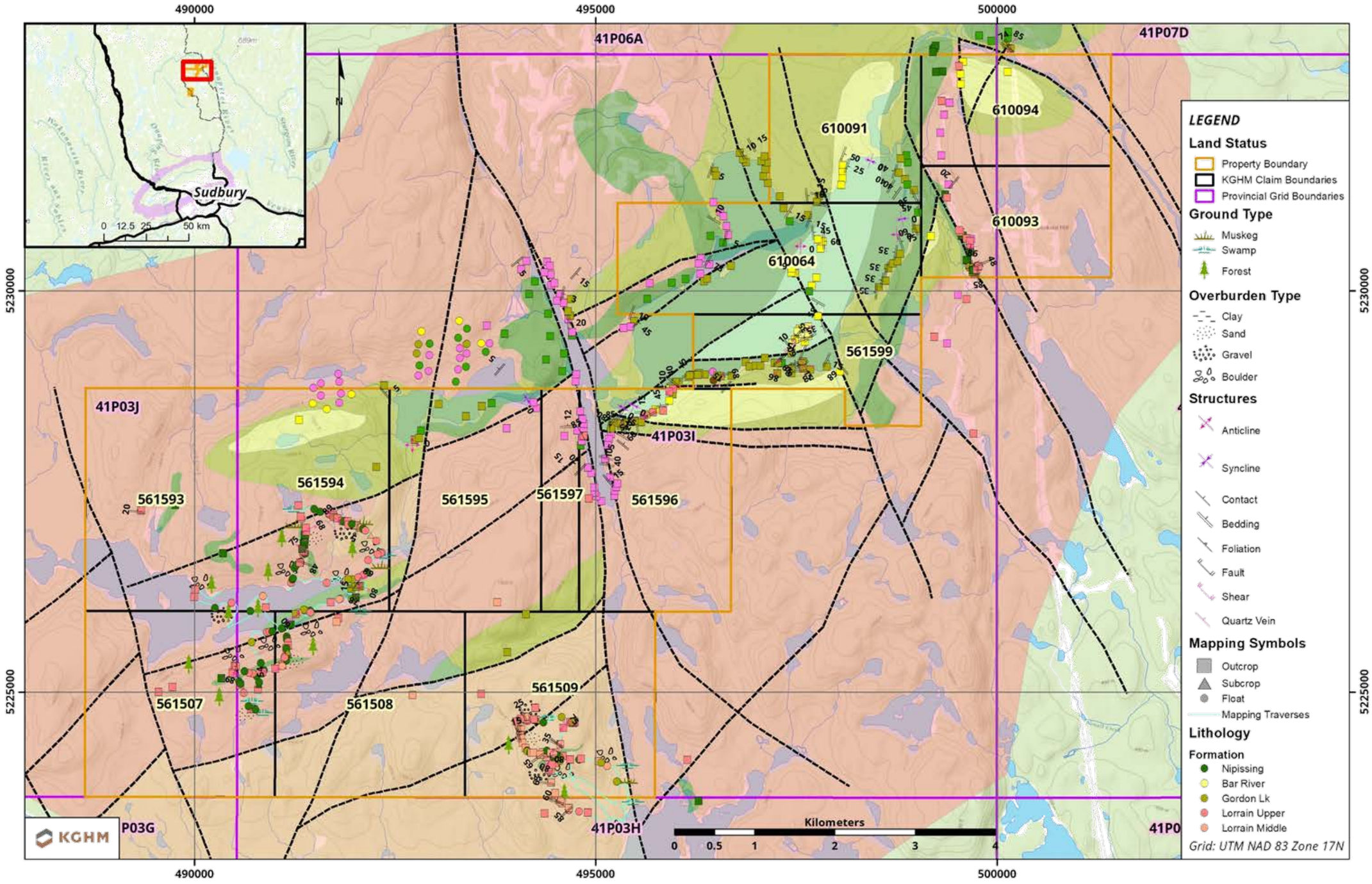
Figure 66: Sample WS-22-15

Figure 67: Sample WS-22-16

Figure 68: Sample WS-22-17

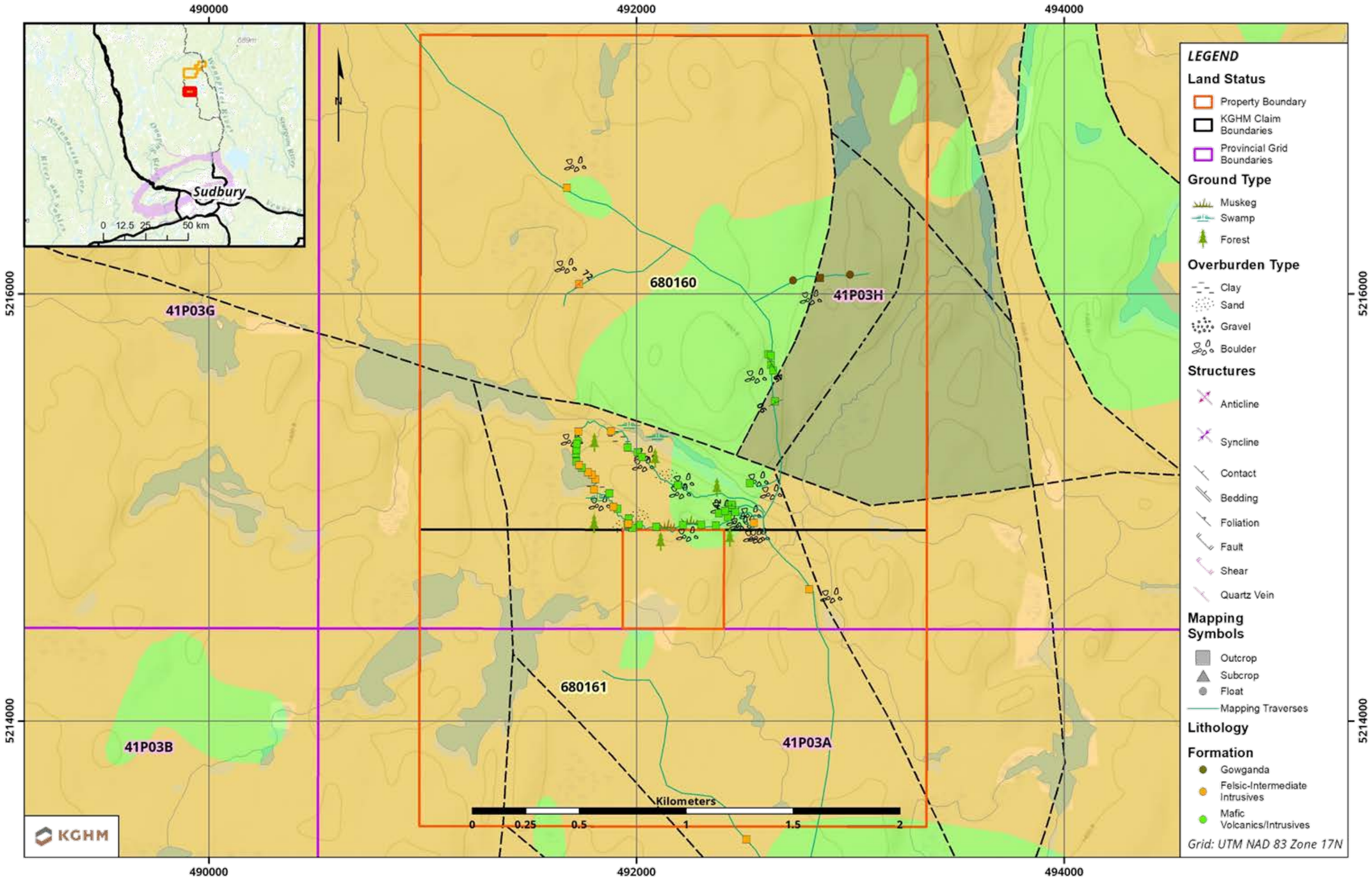
Appendix E: Geological Map of Main Block

The following map displays the spatial arrangement of field stations and corresponding lithological classifications for the Main Block of the Warrior property. The underlying geological interpretation is based on data collected by KGHM from 2020 to 2022, as well as historical assessment reports for the region. Outcrop mapping points depicted are a combination of those collected by KGHM as well as historical mapping.


490000
495000
500000
5230000
5225000
41P06A
41P07D
610091
610094
610093
610064
561599
41P03J
41P03I
561594
561593
561595
561597
561596
561509
561507
561508
41P03H
41P0
P03G
Sudbury
0 12.5 25 50 km
N
Kilometers
0 0.5 1 2 3 4
LEGEND
Land Status
Property Boundary
KGHM Claim Boundaries
Provincial Grid Boundaries
Ground Type
Muskeg
Swamp
Forest
Overburden Type
Clay
Sand
Gravel
Boulder
Structures
Anticline
Syncline
Contact
Bedding
Foliation
Fault
Shear
Quartz Vein
Mapping Symbols
Outcrop
Subcrop
Float
Mapping Traverses
Lithology
Formation
Nipissing
Bar River
Gordon Lk
Lorrain Upper
Lorrain Middle
Grid: UTM NAD 83 Zone 17N

Appendix F: Geological Map of South Block

The following map displays the spatial arrangement of field stations and corresponding lithological classifications for the South Block of the Warrior property. The underlying geological interpretation is based the work of Ayer et al., 2010. Outcrop mapping points depicted were solely collected during KGHM's field programs in 2021 and 2022.


490000
492000
494000
5216000
5214000
Sudbury
0 12.5 25 50 km
N
680160
680161
41P03G
41P03H
41P03B
41P03A
Kilometers
0 0.25 0.5 1 1.5 2
KGHM
LEGEND
Land Status
Property Boundary
KGHM Claim Boundaries
Provincial Grid Boundaries
Ground Type
Muskeg
Swamp
Forest
Overburden Type
Clay
Sand
Gravel
Boulder
Structures
Anticline
Syncline
Contact
Bedding
Foliation
Fault
Shear
Quartz Vein
Mapping Symbols
Outcrop
Subcrop
Float
Mapping Traverses
Lithology
Formation
Gowganda
Felsic-Intermediate Intrusives
Mafic Volcanics/Intrusives
Grid: UTM NAD 83 Zone 17N

Appendix G: Certificate of Analysis

Analytical samples selected from the Main Block and South Block were sent to the lab in a single shipment. Sample ID numbers correspond to those listed in Appendices A and B.

SGS

ANALYSIS REPORT BBM22-24708

To KGHM INTERNATIONAL LTD
CHRISTOPHER VERZYDEN
410 FALCONBRIDGE RD, UNIT 4
SUDBURY P3A 4S4
ON
CANADA

Order Number	EXP 480839	Date Received	15-Dec-2022
Project	Warrior	Date Analysed	16-Dec-2022 - 17-Feb-2023
Submission Number	KGHM / Warrior / 59 rocks	Date Completed	21-Feb-2023
Number of Samples	59	SGS Order Number	BBM22-24708

Methods Summary

Number of Sample	Method Code	Description
59	G_WGH_KG	Weight of samples received
59	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
59	GE_IMS40Q12	4 Acid Digest Package (HCL/HCLO4/HF/HNO3),ICP-MS
59	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP
2	GO_ICP42Q100	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-100ml

Authorised Signatory

John Chiang
Laboratory Operations Manager

SCC Accredited LAB Accrédité CCN

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Member of the SGS Group (SGS SA)

SGS

Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	WTKG	@Au	@Ag	@As	@Be	@Bi
Method	G_WGH_KG	GE_FAA30V5	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.01	5	0.02	1	0.05	0.01
Upper Limit	--	10,000	100	10,000	2,500	10,000
Unit	kg	ppb	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576101	0.80	<5	0.07	<1	0.85	0.13
C576102	1.18	<5	0.06	<1	0.99	0.13
C576103	1.29	<5	0.40	<1	1.10	0.13
C576104	2.68	<5	0.11	3	0.62	0.09
C576105	0.67	5	0.08	1	0.86	0.10
C576106	0.68	<5	0.45	1	0.22	0.11
C576107	0.94	<5	0.07	1	1.31	0.13
C576108	1.56	76	0.78	573	0.84	22.30
C576109	1.52	<5	0.08	3	1.75	0.29
C576110	1.23	<5	0.12	2	2.21	0.52
C576111	1.12	<5	0.04	1	1.14	0.10
C576112	1.90	<5	0.05	2	1.70	0.15
C576113	1.37	7	0.02	2	2.16	0.48
C576114	1.75	<5	0.08	<1	0.60	0.10
C576115	1.27	<5	0.04	1	1.37	0.19
C576116	1.44	7	0.07	3	0.82	0.29
C576117	1.93	<5	0.06	3	1.60	0.21
C576118	0.55	<5	0.04	<1	2.35	0.10
C576119	0.95	15	0.99	20	1.73	0.61
C576120	0.03	I.S.	0.27	75	2.26	2.87
C576121	0.80	<5	0.44	3	0.91	0.08
C576122	0.39	<5	0.04	<1	0.77	0.05
C576123	0.63	<5	<0.02	3	0.17	0.02
C576124	1.32	<5	0.11	3	0.64	0.08
C576125	1.77	6	0.11	6	0.96	0.63
C576126	0.98	<5	0.33	11	0.89	0.59
C576127	1.31	7	0.23	2	0.43	0.05
C576128	0.72	<5	0.04	2	0.62	0.01
C576129	1.19	8	0.29	11	2.70	2.34

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	WTKG	@Au	@Ag	@As	@Be	@Bi
Method	G_WGH_KG	GE_FAA30V5	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.01	5	0.02	1	0.05	0.01
Upper Limit	--	10,000	100	10,000	2,500	10,000
Unit	kg	ppb	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576130	1.52	5	0.23	9	2.55	2.37
C576131	2.60	<5	0.21	5	1.99	0.36
C576132	3.56	10	2.03	115	2.01	2.97
C576133	2.33	<5	0.20	10	3.10	0.38
C576134	1.49	<5	0.10	6	2.40	0.13
C576135	1.06	<5	0.36	20	1.87	0.65
C576136	2.25	<5	0.52	5	1.02	0.05
C576137	0.67	232	0.33	109	0.11	9.53
C576138	3.07	<5	0.03	2	1.77	0.20
C576139	1.04	231	0.05	4	0.94	0.15
C576140	0.02	I.S.	0.15	6	1.23	1.36
C576141	1.15	56	<0.02	<1	0.63	0.10
C576142	1.76	<5	0.04	2	0.91	0.05
C576143	1.89	<5	0.07	2	1.92	0.14
C576144	0.94	<5	0.05	5	1.41	0.38
C576145	1.50	8	0.15	<1	0.22	0.29
C576146	1.45	<5	0.06	1	0.27	0.05
C576147	0.96	<5	0.35	7	0.52	0.09
C576148	1.38	<5	0.06	1	0.91	0.17
C576149	1.28	<5	0.08	1	0.78	0.01
C576150	1.57	<5	0.10	4	0.61	0.03
C576151	1.54	<5	0.09	14	0.25	0.08
C576152	2.19	<5	0.12	11	0.26	0.13
C576153	0.96	5	0.32	3	0.33	0.06
C576154	0.97	<5	0.05	2	0.40	<0.01
C576155	1.48	<5	0.05	<1	0.71	2.39
C576156	1.92	<5	0.07	<1	0.53	0.53
C576157	1.97	<5	0.07	1	1.89	0.06
C576158	0.02	I.S.	0.27	61	1.82	2.57

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	WTKG	@Au	@Ag	@As	@Be	@Bi
Method	G_WGH_KG	GE_FAA30V5	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.01	5	0.02	1	0.05	0.01
Upper Limit	--	10,000	100	10,000	2,500	10,000
Unit	kg	ppb	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576159	0.02	I.S.	0.15	6	1.38	1.31
*Dup C576138	-	<5	0.02	3	1.64	0.21
*Rep C576106	-	<5	-	-	-	-
*Std SL107	-	5270	-	-	-	-
*Std OREAS L13	-	1280	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Rep C576134	-	<5	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Rep C576155	-	<5	-	-	-	-
*Std OREAS 250b	-	305	-	-	-	-
*Rep C576138	-	-	0.03	2	1.66	0.21
*Std OREAS 905	-	-	0.59	30	2.65	5.42
*Std OREAS 601b	-	-	47.11	263	1.97	16.17
*Blk BLANK	-	-	<0.02	<1	<0.05	<0.01
*Rep C576108	-	-	1.33	581	0.87	22.91
*Blk BLANK	-	-	0.02	<1	<0.05	<0.01
*Std OREAS 601b	-	-	50.62	303	2.41	16.81
*Std OREAS 905	-	-	0.56	37	3.18	5.53

Element	@Cd	@Ce	@Co	@Cs	@Ga	@Hf
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.05	0.1	0.05	0.05	0.02
Upper Limit	10,000	1,000	10,000	1,000	1,000	500
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576101	0.10	32.17	42.8	0.26	11.59	3.17
C576102	0.08	22.40	60.3	0.71	8.02	1.66
C576103	0.07	34.64	18.9	0.19	16.88	4.14
C576104	0.08	23.60	89.1	0.66	11.28	1.62
C576105	0.11	28.88	58.2	0.56	15.45	1.59

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Cd	@Ce	@Co	@Cs	@Ga	@Hf
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.05	0.1	0.05	0.05	0.02
Upper Limit	10,000	1,000	10,000	1,000	1,000	500
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576106	<0.02	8.15	4.0	0.90	16.58	2.99
C576107	0.11	41.44	56.6	0.37	12.51	2.57
C576108	0.05	11.79	114	1.03	18.48	2.31
C576109	0.06	64.46	50.7	2.37	21.87	1.32
C576110	0.09	30.75	46.9	0.45	15.29	2.10
C576111	0.03	139	2.9	0.42	17.06	3.72
C576112	0.02	71.46	37.5	4.59	22.77	4.43
C576113	<0.02	21.98	16.1	2.44	19.78	3.29
C576114	0.07	21.20	87.4	0.98	8.98	1.45
C576115	0.02	36.93	13.3	0.34	18.21	3.52
C576116	<0.02	72.58	11.1	1.27	15.65	4.95
C576117	0.06	51.82	36.6	0.96	16.15	1.47
C576118	0.07	40.06	28.3	1.18	10.83	1.66
C576119	0.20	101	62.0	1.64	12.77	4.31
C576120	0.20	53.88	7965	2.63	13.38	1.86
C576121	0.07	12.05	9.5	1.12	12.20	2.77
C576122	0.05	27.94	19.3	2.15	19.89	3.49
C576123	<0.02	13.09	0.6	0.08	4.86	2.00
C576124	0.05	21.81	48.7	0.91	18.93	2.30
C576125	0.07	27.08	57.9	0.19	19.87	2.33
C576126	0.08	13.59	53.3	0.82	16.32	1.60
C576127	0.07	12.92	38.2	1.01	17.30	1.23
C576128	0.09	14.66	40.6	0.21	25.21	1.39
C576129	<0.02	135	19.9	6.55	21.23	8.14
C576130	<0.02	88.19	5.1	6.45	20.91	7.18
C576131	0.03	72.14	18.7	2.43	19.36	4.03
C576132	0.07	96.17	77.3	3.24	16.29	4.31
C576133	<0.02	75.90	8.8	5.49	23.01	7.39
C576134	0.03	87.05	2.6	5.31	18.82	8.63

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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SGS

Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Cd	@Ce	@Co	@Cs	@Ga	@Hf
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.05	0.1	0.05	0.05	0.02
Upper Limit	10,000	1,000	10,000	1,000	1,000	500
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576135	<0.02	87.27	6.6	3.65	14.46	8.21
C576136	0.03	12.96	42.5	0.30	17.70	1.32
C576137	<0.02	16.96	32.8	0.11	2.73	1.93
C576138	<0.02	59.06	5.2	3.91	12.74	5.89
C576139	<0.02	216	1.2	2.15	14.48	13.22
C576140	0.13	33.70	1226	0.60	7.18	2.05
C576141	<0.02	17.70	0.7	1.34	7.49	1.66
C576142	<0.02	42.47	12.0	0.58	16.87	4.58
C576143	<0.02	56.75	16.6	1.16	20.19	2.53
C576144	<0.02	104	4.8	2.81	9.38	1.14
C576145	0.06	25.81	40.8	0.48	14.57	1.27
C576146	<0.02	38.62	10.5	0.37	15.63	4.10
C576147	0.13	14.36	34.6	0.93	15.22	1.90
C576148	<0.02	74.53	4.9	0.80	10.64	3.72
C576149	0.08	32.34	25.6	0.30	18.74	4.07
C576150	0.07	28.14	28.3	0.71	14.55	3.13
C576151	0.06	9.88	41.7	0.37	14.41	1.05
C576152	0.13	10.26	43.5	0.37	14.45	1.07
C576153	1.42	11.73	40.0	1.05	14.63	1.35
C576154	0.12	11.72	46.9	0.84	17.06	1.84
C576155	0.02	44.35	2.3	0.22	12.01	3.82
C576156	0.03	60.67	2.2	0.20	12.77	4.84
C576157	<0.02	47.40	24.6	0.40	17.60	4.09
C576158	0.19	54.98	6844	2.49	11.32	1.69
C576159	0.12	30.87	1270	0.58	7.34	2.09
*Dup C576138	<0.02	61.42	5.1	3.75	12.32	5.86
*Rep C576138	<0.02	60.85	5.0	3.95	12.35	5.71
*Std OREAS 905	0.32	85.29	13.6	6.85	22.49	6.68
*Std OREAS 601b	1.96	63.69	2.8	4.84	21.61	4.88

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Cd	@Ce	@Co	@Cs	@Ga	@Hf
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.05	0.1	0.05	0.05	0.02
Upper Limit	10,000	1,000	10,000	1,000	1,000	500
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<0.02	<0.05	0.2	<0.05	0.07	<0.02
*Rep C576108	0.05	12.48	114	1.03	18.20	2.52
*Blk BLANK	<0.02	<0.05	<0.1	<0.05	<0.05	<0.02
*Std OREAS 601b	2.04	66.74	3.1	5.06	24.69	5.23
*Std OREAS 905	0.34	89.37	15.2	7.28	25.19	7.07

Element	@In	@La	@Li	@Lu	@Mo	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.005	0.05	0.2	0.01	0.05	0.1
Upper Limit	500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576101	0.029	15.74	4.3	0.16	0.47	3.1
C576102	0.051	10.24	19.6	0.18	0.32	1.6
C576103	0.014	17.75	3.1	0.12	1.60	4.7
C576104	0.046	10.10	37.7	0.18	0.36	2.8
C576105	0.071	12.36	22.3	0.26	0.41	3.2
C576106	0.006	2.27	4.6	0.11	0.35	7.4
C576107	0.078	17.05	11.3	0.34	0.47	5.5
C576108	0.023	5.37	29.4	0.18	29.81	3.7
C576109	0.076	25.37	30.0	0.30	1.26	8.1
C576110	0.053	12.93	21.3	0.25	1.23	3.2
C576111	0.029	72.55	1.1	0.11	0.31	5.8
C576112	0.064	35.18	23.4	0.24	0.67	8.0
C576113	0.032	10.25	21.1	0.20	1.12	7.1
C576114	0.053	9.05	7.8	0.19	0.32	2.0
C576115	0.011	18.61	7.1	0.11	0.54	5.4
C576116	0.018	34.97	11.2	0.22	0.88	5.4
C576117	0.062	24.78	21.9	0.21	0.60	3.6
C576118	0.043	19.01	10.1	0.28	0.50	6.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@In	@La	@Li	@Lu	@Mo	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.005	0.05	0.2	0.01	0.05	0.1
Upper Limit	500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576119	0.147	67.07	10.5	0.41	8.10	4.9
C576120	0.118	27.78	35.3	0.21	3.63	3.6
C576121	0.009	5.88	3.1	0.18	0.50	3.2
C576122	0.037	13.94	14.9	0.21	0.24	7.7
C576123	0.006	5.56	1.1	0.06	6.30	0.5
C576124	0.071	10.45	24.6	0.29	0.70	4.5
C576125	0.071	13.09	43.0	0.29	0.85	4.5
C576126	0.067	5.89	63.8	0.28	1.86	5.2
C576127	0.055	6.21	41.0	0.24	0.51	2.3
C576128	0.102	5.53	5.7	0.49	0.78	4.3
C576129	0.068	66.30	30.3	0.63	2.48	13.4
C576130	0.069	44.95	25.4	0.58	2.15	12.4
C576131	0.034	35.73	27.1	0.27	1.72	8.7
C576132	0.048	48.10	34.7	0.41	10.87	9.3
C576133	0.068	35.56	32.6	0.57	1.16	15.4
C576134	0.050	41.08	40.5	0.47	1.04	13.5
C576135	0.023	44.56	15.7	0.42	3.31	8.1
C576136	0.099	6.22	79.8	0.24	1.15	2.2
C576137	<0.005	9.82	2.3	0.04	25.13	0.8
C576138	0.041	29.83	25.7	0.46	0.69	8.3
C576139	0.009	120	3.6	0.33	0.88	11.7
C576140	0.173	17.40	96.1	0.24	2.27	3.9
C576141	0.008	4.78	2.2	0.05	1.22	3.3
C576142	0.074	19.89	22.3	0.64	1.80	5.9
C576143	0.045	29.02	30.2	0.21	2.08	8.8
C576144	0.032	52.11	14.6	0.94	1.69	2.2
C576145	0.087	10.04	17.5	0.48	0.85	2.9
C576146	0.069	18.47	22.8	0.62	1.44	5.2
C576147	0.080	6.27	19.1	0.33	0.58	3.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@In	@La	@Li	@Lu	@Mo	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.005	0.05	0.2	0.01	0.05	0.1
Upper Limit	500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576148	0.041	36.69	10.4	0.35	1.22	5.8
C576149	0.115	12.48	10.4	0.98	1.11	8.4
C576150	0.057	13.17	26.3	0.41	0.76	3.7
C576151	0.051	4.57	50.1	0.22	0.49	1.9
C576152	0.047	4.64	50.6	0.20	0.79	1.9
C576153	0.052	5.29	64.3	0.25	0.39	2.3
C576154	0.076	4.42	6.7	0.48	0.44	3.4
C576155	0.038	20.48	7.5	0.32	0.95	6.5
C576156	0.033	28.36	6.3	0.41	4.20	8.8
C576157	0.062	22.62	25.5	0.60	1.42	4.6
C576158	0.106	27.22	32.5	0.20	3.66	3.4
C576159	0.167	16.14	104	0.23	2.32	4.1
*Dup C576138	0.041	30.83	23.9	0.46	0.66	8.4
*Rep C576138	0.040	30.11	23.7	0.45	0.67	8.4
*Std OREAS 905	0.646	42.82	18.2	0.10	3.14	16.6
*Std OREAS 601b	0.464	33.20	21.6	0.07	5.01	14.4
*Blk BLANK	<0.005	<0.05	<0.2	<0.01	<0.05	<0.1
*Rep C576108	0.023	5.58	30.8	0.19	29.34	3.7
*Blk BLANK	<0.005	<0.05	<0.2	<0.01	<0.05	<0.1
*Std OREAS 601b	0.495	34.79	22.7	0.07	5.23	15.8
*Std OREAS 905	0.699	44.75	19.9	0.10	3.49	19.4

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.1	0.05	0.1	1	0.2
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576101	4.3	12.7	0.09	27.4	<1	0.6
C576102	2.6	21.7	0.11	50.8	<1	0.7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.1	0.05	0.1	1	0.2
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576103	33.6	31.9	0.10	7.8	<1	0.5
C576104	3.6	12.6	0.08	40.3	<1	0.6
C576105	6.9	17.9	0.07	37.8	<1	0.9
C576106	28.2	160	0.44	0.9	<1	0.5
C576107	3.5	16.3	<0.05	39.0	<1	1.3
C576108	28.6	63.7	2.37	15.2	<1	1.1
C576109	2.1	66.5	0.08	38.0	<1	1.8
C576110	3.4	29.8	0.06	37.5	<1	0.8
C576111	15.3	71.4	0.05	3.3	<1	0.9
C576112	7.1	134	0.08	20.6	<1	1.3
C576113	4.5	106	0.11	14.0	<1	1.2
C576114	2.4	29.1	0.08	42.2	<1	0.5
C576115	4.3	64.4	0.11	5.1	<1	1.5
C576116	5.8	127	0.12	11.1	<1	1.1
C576117	6.5	73.1	0.12	27.5	<1	0.8
C576118	5.2	67.0	0.08	23.1	<1	1.0
C576119	22.7	32.0	0.24	41.0	2	1.0
C576120	18.0	92.5	2.43	8.7	4	2.3
C576121	13.9	87.0	0.11	6.4	<1	0.3
C576122	4.3	71.5	0.07	16.7	<1	1.7
C576123	2.7	10.5	0.10	0.8	<1	0.3
C576124	8.8	50.9	1.38	35.5	<1	1.0
C576125	12.7	6.5	1.26	36.9	<1	0.9
C576126	73.0	76.1	0.78	42.1	1	0.4
C576127	6.5	74.2	0.17	33.5	<1	0.5
C576128	1.8	7.7	0.67	41.5	<1	1.0
C576129	10.3	200	1.55	11.3	<1	3.0
C576130	10.3	200	1.41	11.2	<1	2.9
C576131	14.8	98.7	0.67	11.9	<1	1.5

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.1	0.05	0.1	1	0.2
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576132	39.6	125	4.10	11.3	2	2.2
C576133	8.0	227	1.01	10.3	<1	3.6
C576134	5.9	196	0.76	8.6	<1	2.8
C576135	10.7	133	0.91	3.4	<1	1.2
C576136	9.1	4.6	0.43	35.5	<1	4.0
C576137	8.3	15.1	0.33	0.7	<1	0.4
C576138	3.2	112	1.22	6.2	<1	2.1
C576139	3.1	142	0.76	7.2	<1	1.1
C576140	14.4	22.8	0.28	5.7	1	1.0
C576141	2.0	85.7	0.15	1.7	<1	0.4
C576142	2.5	36.3	0.35	18.2	<1	1.9
C576143	10.8	80.9	0.22	12.8	<1	2.2
C576144	6.2	102	0.72	4.4	2	1.0
C576145	1.9	9.3	0.08	39.0	2	3.1
C576146	2.5	49.8	0.29	24.3	1	1.7
C576147	45.5	73.0	0.90	37.5	<1	0.5
C576148	5.4	75.4	0.55	2.9	<1	1.4
C576149	1.9	7.4	0.44	30.6	2	1.7
C576150	5.6	69.4	0.61	27.1	<1	0.8
C576151	17.6	20.6	0.41	29.5	<1	0.5
C576152	71.1	32.2	0.36	30.9	<1	0.6
C576153	149	48.9	0.28	33.1	<1	0.6
C576154	1.1	4.2	0.18	42.8	1	0.6
C576155	2.9	15.9	0.32	6.6	<1	1.9
C576156	2.4	11.7	0.17	7.3	<1	1.9
C576157	2.7	27.6	0.26	24.6	<1	1.1
C576158	17.0	81.7	2.29	7.5	5	2.2
C576159	13.6	23.2	0.27	5.7	1	1.0
*Dup C576138	3.2	107	1.25	6.3	<1	2.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.1	0.05	0.1	1	0.2
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Rep C576138	3.2	112	1.26	6.2	<1	2.1
*Std OREAS 905	30.6	126	1.86	4.6	2	3.9
*Std OREAS 601b	288	90.0	23.31	3.5	8	3.2
*Blk BLANK	<0.5	<0.1	<0.05	<0.1	<1	<0.2
*Rep C576108	28.6	63.1	2.38	15.2	<1	1.1
*Blk BLANK	<0.5	<0.1	<0.05	<0.1	<1	<0.2
*Std OREAS 601b	303	101	23.76	4.0	8	3.4
*Std OREAS 905	31.7	143	2.02	5.4	2	4.2

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.01	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576101	0.32	0.40	<0.05	6.24	0.07	1.61
C576102	0.12	0.43	<0.05	1.52	0.12	0.43
C576103	0.48	0.31	<0.05	9.46	0.15	2.65
C576104	0.20	0.44	<0.05	1.39	0.07	0.46
C576105	0.19	0.60	<0.05	1.56	0.10	0.52
C576106	1.05	0.17	<0.05	2.84	1.56	2.12
C576107	0.36	0.85	<0.05	2.96	0.09	0.90
C576108	0.35	0.28	0.11	4.99	5.68	1.39
C576109	0.42	0.94	<0.05	1.49	0.39	0.55
C576110	0.18	0.52	<0.05	2.58	0.14	1.18
C576111	0.40	0.42	<0.05	14.35	0.29	1.41
C576112	0.50	0.67	<0.05	7.50	0.90	1.43
C576113	0.57	0.29	<0.05	5.80	0.63	2.18
C576114	0.13	0.48	<0.05	1.45	0.19	0.43
C576115	0.44	0.31	<0.05	9.63	0.43	2.52

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.01	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576116	0.47	0.44	<0.05	8.60	0.84	2.98
C576117	0.27	0.62	<0.05	3.85	0.39	1.17
C576118	0.61	0.48	<0.05	6.00	0.32	1.65
C576119	0.35	0.96	0.11	5.62	0.38	1.53
C576120	0.21	0.49	<0.05	9.57	0.54	15.05
C576121	0.59	0.16	<0.05	19.84	0.34	5.05
C576122	0.55	0.39	<0.05	2.90	0.33	0.77
C576123	0.07	0.11	<0.05	6.50	0.07	2.08
C576124	0.34	0.58	<0.05	2.86	0.17	0.86
C576125	0.33	0.64	<0.05	3.01	<0.02	1.56
C576126	1.15	0.51	0.10	1.69	0.23	0.54
C576127	0.23	0.38	<0.05	1.44	0.42	0.57
C576128	0.25	0.85	<0.05	0.48	0.03	0.12
C576129	1.01	1.06	0.08	21.38	1.02	7.04
C576130	0.95	0.82	0.10	19.33	0.99	6.22
C576131	0.74	0.58	0.07	11.80	0.55	4.62
C576132	0.69	0.83	0.34	13.80	6.63	5.38
C576133	1.27	0.86	0.07	26.16	1.74	8.41
C576134	1.11	0.78	0.07	23.37	1.36	6.63
C576135	0.53	0.67	0.06	11.91	0.84	3.51
C576136	0.23	0.43	0.06	1.60	0.03	0.66
C576137	0.12	0.07	<0.05	3.59	22.52	0.80
C576138	0.65	0.63	<0.05	12.74	0.46	3.27
C576139	1.47	1.25	0.11	42.03	0.64	4.32
C576140	0.21	0.62	<0.05	5.39	0.09	30.60
C576141	0.43	0.07	<0.05	5.56	0.37	0.83
C576142	0.49	1.00	<0.05	7.37	0.16	2.40
C576143	0.82	0.49	<0.05	14.16	0.30	5.00
C576144	0.13	1.97	<0.05	9.90	0.43	3.72

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.01	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
C576145	0.15	0.94	0.34	0.37	0.04	0.24
C576146	0.43	1.09	<0.05	6.43	0.23	1.88
C576147	0.25	0.53	<0.05	2.29	0.26	0.74
C576148	0.44	0.66	<0.05	8.93	0.33	2.33
C576149	0.58	1.74	<0.05	1.19	0.03	0.29
C576150	0.33	0.65	<0.05	4.60	0.26	1.45
C576151	0.20	0.34	<0.05	1.20	0.11	0.39
C576152	0.23	0.35	<0.05	1.26	0.18	0.42
C576153	0.23	0.40	0.06	1.52	0.20	0.49
C576154	0.23	0.72	<0.05	0.37	<0.02	0.09
C576155	0.46	0.50	<0.05	11.10	0.06	3.69
C576156	0.76	0.60	<0.05	15.33	0.05	3.72
C576157	0.38	1.06	<0.05	6.73	0.11	2.06
C576158	0.22	0.48	<0.05	8.79	0.50	13.21
C576159	0.22	0.57	<0.05	5.21	0.09	21.80
*Dup C576138	0.64	0.64	<0.05	12.77	0.46	3.31
*Rep C576138	0.68	0.64	<0.05	12.55	0.45	3.23
*Std OREAS 905	1.28	0.78	0.06	13.98	0.69	4.81
*Std OREAS 601b	1.07	0.54	11.76	11.81	1.41	4.47
*Blk BLANK	<0.05	<0.05	<0.05	<0.01	<0.02	<0.05
*Rep C576108	0.35	0.29	0.10	5.11	5.77	1.50
*Blk BLANK	<0.05	<0.05	<0.05	<0.01	<0.02	<0.05
*Std OREAS 601b	1.13	0.55	12.36	12.61	1.51	4.85
*Std OREAS 905	1.35	0.79	0.08	15.02	0.71	5.14

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@W	@Y	@Yb	@Al	@Ba	@Ca
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.1	0.1	0.1	0.01	1	0.005
Upper Limit	10,000	10,000	1,000	15	10,000	15
Unit	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m	%
C576101	0.2	10.5	1.0	5.09	201	6.097
C576102	0.2	12.6	1.2	2.85	188	8.572
C576103	0.1	7.8	0.7	8.35	688	2.408
C576104	0.2	12.7	1.2	3.81	76	7.377
C576105	0.2	17.4	1.7	4.65	291	7.085
C576106	0.2	6.1	0.6	8.46	1932	0.189
C576107	0.3	23.1	2.3	3.84	404	7.239
C576108	0.3	11.0	1.3	6.63	286	0.299
C576109	0.4	23.8	2.1	7.74	466	3.468
C576110	0.3	15.8	1.5	5.47	796	5.816
C576111	0.4	9.6	0.7	8.65	2562	3.200
C576112	0.6	17.3	1.6	7.33	1331	1.897
C576113	0.7	10.1	1.3	7.40	442	0.317
C576114	0.1	12.8	1.2	3.02	320	6.815
C576115	0.2	8.5	0.7	8.28	604	2.258
C576116	0.5	13.6	1.5	6.81	513	0.329
C576117	0.2	15.8	1.3	5.87	867	5.947
C576118	0.3	14.5	1.6	4.16	635	7.429
C576119	0.3	26.2	2.6	3.42	188	6.936
C576120	1.1	11.9	1.2	4.33	1266	3.972
C576121	0.1	6.3	0.9	6.96	1154	9.083
C576122	0.3	13.0	1.3	8.03	441	2.795
C576123	0.1	3.1	0.4	0.54	35	0.017
C576124	0.4	18.4	1.8	7.15	189	5.173
C576125	0.5	19.6	2.0	7.22	96	5.326
C576126	0.3	17.2	1.8	7.28	330	5.854
C576127	0.2	13.9	1.5	9.18	290	7.582
C576128	0.2	30.5	3.3	5.50	76	5.544
C576129	3.4	33.3	3.9	8.25	1333	0.216

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@W	@Y	@Yb	@Al	@Ba	@Ca
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.1	0.1	0.1	0.01	1	0.005
Upper Limit	10,000	10,000	1,000	15	10,000	15
Unit	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m	%
C576130	3.2	29.8	3.7	7.87	1122	0.195
C576131	1.3	16.6	1.7	7.76	612	0.947
C576132	2.0	25.1	2.6	6.58	608	0.745
C576133	3.5	33.1	3.6	8.73	979	0.126
C576134	3.0	26.7	3.0	8.35	859	0.086
C576135	1.6	22.3	2.7	6.81	591	0.099
C576136	0.9	14.6	1.6	7.55	190	2.235
C576137	0.2	1.8	0.2	1.28	111	0.015
C576138	2.0	21.0	2.7	6.18	911	0.248
C576139	1.1	21.0	2.1	6.53	275	0.014
C576140	0.7	15.8	1.6	2.82	344	6.616
C576141	0.3	1.8	0.3	3.66	91	0.010
C576142	0.8	33.2	4.1	5.92	107	1.703
C576143	1.7	12.2	1.3	8.55	635	0.958
C576144	1.3	61.0	5.7	4.56	484	1.296
C576145	0.3	27.7	3.2	6.28	192	3.820
C576146	0.4	38.6	4.2	5.89	126	2.150
C576147	0.3	17.9	2.1	6.79	247	4.570
C576148	1.1	18.0	2.2	5.44	507	1.230
C576149	0.2	57.0	6.7	6.28	66	3.984
C576150	0.4	22.3	2.7	6.51	171	3.865
C576151	0.2	12.6	1.3	7.88	189	6.362
C576152	0.2	12.3	1.3	7.85	353	6.001
C576153	0.2	13.5	1.5	7.67	189	4.011
C576154	0.1	26.3	3.0	6.83	45	5.372
C576155	2.1	15.6	1.9	6.17	78	3.852
C576156	1.8	17.6	2.4	7.11	63	4.863
C576157	0.7	31.7	3.6	5.85	71	2.494
C576158	1.1	11.1	1.2	4.21	1243	3.778

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@W	@Y	@Yb	@Al	@Ba	@Ca
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.1	0.1	0.1	0.01	1	0.005
Upper Limit	10,000	10,000	1,000	15	10,000	15
Unit	ppm m / m	ppm m / m	ppm m / m	%	ppm m / m	%
C576159	0.6	16.6	1.5	2.83	347	6.658
*Dup C576138	2.0	20.9	2.8	6.09	886	0.251
*Rep C576138	2.1	20.9	2.7	6.20	917	0.247
*Std OREAS 905	2.6	14.3	0.7	7.14	2642	0.569
*Std OREAS 601b	5.6	10.6	0.5	6.27	1082	0.848
*Blk BLANK	<0.1	<0.1	<0.1	<0.01	<1	<0.005
*Rep C576108	0.3	11.2	1.3	6.61	285	0.297
*Blk BLANK	<0.1	<0.1	<0.1	<0.01	<1	<0.005
*Std OREAS 601b	6.2	11.0	0.5	6.51	1304	0.891
*Std OREAS 905	2.7	15.8	0.7	7.34	2705	0.595

Element	@Cr	@Cu	@Fe	@K	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	1	0.5	0.01	0.01	0.002	2
Upper Limit	10,000	10,000	15	15	15	10,000
Unit	ppm m / m	ppm m / m	%	%	%	ppm m / m
C576101	437	283	4.31	0.40	6.071	1180
C576102	790	229	6.87	0.46	9.627	1498
C576103	75	806	2.34	1.23	2.218	410
C576104	1007	89.2	8.60	0.28	10.207	1597
C576105	648	105	8.45	0.53	7.560	1642
C576106	10	63.2	0.95	4.19	0.203	281
C576107	628	110	8.46	0.63	7.933	1642
C576108	57	132	6.68	1.65	2.012	306
C576109	<1	131	10.25	1.13	4.673	1321
C576110	578	9.6	6.83	1.50	6.814	1381
C576111	11	7.7	1.32	4.86	0.086	242
C576112	7	41.0	7.75	3.45	2.645	890
C576113	67	4.4	4.18	1.94	1.847	347

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Cr	@Cu	@Fe	@K	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	1	0.5	0.01	0.01	0.002	2
Upper Limit	10,000	10,000	15	15	15	10,000
Unit	ppm m / m	ppm m / m	%	%	%	ppm m / m
C576114	808	86.5	9.15	0.62	10.580	1407
C576115	38	58.6	1.86	1.59	0.857	303
C576116	58	224	3.58	3.46	0.820	185
C576117	213	39.1	6.97	3.51	4.504	1450
C576118	231	6.5	4.06	2.97	4.306	978
C576119	420	909	11.19	0.56	6.108	1762
C576120	51	>10000	1.80	1.66	3.068	1085
C576121	49	35.6	1.13	4.43	1.152	618
C576122	38	3.9	3.47	1.71	1.891	665
C576123	13	69.9	0.82	0.26	0.026	76
C576124	98	115	8.54	0.97	3.619	1605
C576125	79	106	8.64	0.13	3.511	1322
C576126	154	37.1	6.56	1.15	4.059	1863
C576127	78	142	6.08	1.28	3.166	1144
C576128	10	90.6	10.07	0.24	1.446	1145
C576129	28	21.0	2.13	3.59	1.022	70
C576130	29	12.8	1.97	3.58	0.887	60
C576131	70	52.3	3.67	2.11	1.505	511
C576132	37	97.8	4.30	2.30	1.317	385
C576133	27	23.9	2.11	3.71	1.164	135
C576134	37	29.1	2.50	3.68	1.555	212
C576135	14	72.6	1.06	2.67	0.468	82
C576136	122	815	8.85	0.14	5.212	1368
C576137	15	14.6	2.86	0.44	0.027	87
C576138	23	<0.5	2.29	2.35	0.784	205
C576139	147	0.8	1.80	3.49	0.123	68
C576140	18	2940	1.25	0.61	6.180	1197
C576141	23	2.2	1.30	2.01	0.092	55
C576142	10	192	6.63	1.89	0.600	640

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Cr	@Cu	@Fe	@K	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	1	0.5	0.01	0.01	0.002	2
Upper Limit	10,000	10,000	15	15	15	10,000
Unit	ppm m / m	ppm m / m	%	%	%	ppm m / m
C576143	85	211	3.96	2.00	1.473	364
C576144	35	0.9	2.92	2.25	0.438	143
C576145	74	266	13.57	0.31	3.007	644
C576146	11	158	7.14	2.68	0.768	936
C576147	24	98.9	8.33	1.44	3.158	1816
C576148	22	2.3	2.89	3.21	0.516	390
C576149	32	86.8	7.87	0.14	1.948	1041
C576150	76	61.4	6.48	2.07	2.522	977
C576151	144	64.3	6.36	0.54	4.453	1127
C576152	168	82.8	6.58	0.92	4.455	1135
C576153	101	49.8	6.74	1.08	4.310	2016
C576154	84	160	9.72	0.04	3.280	1450
C576155	19	251	1.37	1.09	0.391	739
C576156	21	794	0.84	0.83	0.203	957
C576157	8	83.1	7.78	1.35	0.663	935
C576158	57	>10000	1.72	1.66	2.977	1068
C576159	20	2944	1.24	0.60	6.183	1198
*Dup C576138	21	2.5	2.29	2.30	0.762	208
*Rep C576138	22	2.1	2.28	2.36	0.776	205
*Std OREAS 905	15	1596	3.94	2.85	0.274	360
*Std OREAS 601b	19	1029	2.16	2.33	0.097	210
*Blk BLANK	<1	1.7	<0.01	<0.01	0.003	<2
*Rep C576108	60	130	6.66	1.64	2.008	306
*Blk BLANK	<1	<0.5	<0.01	<0.01	<0.002	<2
*Std OREAS 601b	22	1011	2.28	2.34	0.101	217
*Std OREAS 905	15	1555	4.12	2.84	0.281	382

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.005	1	0.001	0.005	0.5	0.001
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
C576101	3.468	130	0.025	0.046	192	0.181
C576102	0.773	224	0.026	0.037	80.6	0.214
C576103	5.636	48	0.034	0.141	274	0.143
C576104	0.357	276	0.038	0.175	90.0	0.352
C576105	1.291	197	0.088	0.050	138	0.503
C576106	0.803	5	0.024	0.009	61.6	0.084
C576107	1.211	149	0.078	0.073	133	0.509
C576108	2.782	52	0.063	3.435	85.7	0.212
C576109	3.055	3	0.016	0.012	354	0.958
C576110	1.893	145	0.072	0.015	155	0.333
C576111	4.056	3	0.089	0.020	376	0.241
C576112	2.320	21	0.105	0.080	197	0.700
C576113	3.120	44	0.047	0.054	120	0.312
C576114	0.436	232	0.052	0.139	127	0.344
C576115	5.666	15	0.044	0.148	330	0.160
C576116	2.833	23	0.055	0.036	104	0.233
C576117	1.245	75	0.219	0.140	154	0.421
C576118	1.127	79	0.051	<0.005	89.2	0.320
C576119	1.171	85	0.251	0.895	132	0.430
C576120	0.063	31	0.030	0.813	67.1	0.126
C576121	2.573	25	0.008	0.010	182	0.070
C576122	2.220	51	0.046	0.059	184	0.337
C576123	0.021	2	0.002	0.016	2.4	0.009
C576124	2.347	77	0.039	0.063	179	0.561
C576125	1.993	79	0.042	0.115	361	0.588
C576126	3.054	103	0.026	0.129	90.3	0.363
C576127	1.904	74	0.023	0.108	155	0.321
C576128	1.845	23	0.049	0.149	82.1	0.897
C576129	1.574	14	0.088	0.238	64.0	0.246

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.005	1	0.001	0.005	0.5	0.001
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
C576130	1.376	11	0.087	0.069	53.5	0.242
C576131	2.997	44	0.055	0.092	272	0.269
C576132	1.663	62	0.065	2.135	75.0	0.237
C576133	1.189	15	0.041	0.220	42.8	0.270
C576134	1.368	18	0.020	0.059	57.2	0.250
C576135	2.600	11	0.024	0.134	73.2	0.139
C576136	2.187	99	0.022	0.105	64.5	0.296
C576137	0.026	61	0.009	1.962	128	0.013
C576138	1.829	11	0.033	0.007	56.7	0.163
C576139	0.051	9	0.042	<0.005	18.3	0.328
C576140	0.036	15	0.035	0.243	55.9	0.079
C576141	0.032	5	0.004	<0.005	7.4	0.084
C576142	2.731	3	0.091	0.039	14.3	0.396
C576143	3.436	57	0.067	0.114	205	0.295
C576144	1.246	11	0.520	0.008	58.7	0.093
C576145	1.119	72	0.059	1.678	50.8	0.467
C576146	2.213	4	0.074	0.023	13.7	0.502
C576147	2.686	50	0.033	0.022	114	0.524
C576148	2.003	9	0.030	0.007	50.1	0.102
C576149	1.782	28	0.100	0.094	155	0.785
C576150	1.928	49	0.048	0.064	69.4	0.362
C576151	1.925	141	0.021	0.080	186	0.294
C576152	1.550	143	0.021	0.052	170	0.301
C576153	2.892	86	0.023	0.093	103	0.355
C576154	2.715	55	0.042	0.129	62.0	0.708
C576155	4.120	8	0.032	0.016	24.2	0.127
C576156	5.009	22	0.034	0.037	28.1	0.137
C576157	2.919	3	0.062	0.030	14.0	0.464
C576158	0.058	32	0.030	0.811	66.3	0.132

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.005	1	0.001	0.005	0.5	0.001
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
C576159	0.036	15	0.035	0.243	56.1	0.081
*Dup C576138	1.857	10	0.032	0.006	55.4	0.165
*Rep C576138	1.851	10	0.032	0.007	56.5	0.162
*Std OREAS 905	2.214	9	0.026	0.067	152	0.117
*Std OREAS 601b	1.726	6	0.028	1.465	232	0.127
*Blk BLANK	<0.005	<1	<0.001	<0.005	<0.5	<0.001
*Rep C576108	2.747	52	0.062	3.438	85.0	0.213
*Blk BLANK	<0.005	<1	<0.001	<0.005	<0.5	<0.001
*Std OREAS 601b	1.896	6	0.028	1.479	237	0.127
*Std OREAS 905	2.423	9	0.027	0.067	155	0.118

Element	@V	@Zn	@Zr	Cu
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GO_ICP42Q100
Lower Limit	2	1	0.5	0.01
Upper Limit	10,000	10,000	10,000	30
Unit	ppm m / m	ppm m / m	ppm m / m	%
C576101	85	80	114	-
C576102	138	126	50.4	-
C576103	40	30	152	-
C576104	159	123	48.4	-
C576105	217	136	42.7	-
C576106	12	8	74.0	-
C576107	251	120	66.8	-
C576108	99	43	82.1	-
C576109	34	155	1.3	-
C576110	169	94	63.0	-
C576111	36	7	134	-
C576112	251	105	164	-
C576113	98	38	113	-

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@V	@Zn	@Zr	Cu
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GO_ICP42Q100
Lower Limit	2	1	0.5	0.01
Upper Limit	10,000	10,000	10,000	30
Unit	ppm m / m	ppm m / m	ppm m / m	%
C576114	181	86	40.7	-
C576115	38	17	132	-
C576116	76	24	176	-
C576117	218	105	40.5	-
C576118	115	66	41.6	-
C576119	184	169	172	-
C576120	112	55	61.9	1.58
C576121	21	16	64.6	-
C576122	104	51	132	-
C576123	7	1	72.9	-
C576124	266	75	77.2	-
C576125	272	122	79.3	-
C576126	202	133	46.8	-
C576127	203	59	42.9	-
C576128	397	95	42.5	-
C576129	50	14	282	-
C576130	53	11	253	-
C576131	80	67	140	-
C576132	69	49	149	-
C576133	53	17	247	-
C576134	44	27	305	-
C576135	14	6	303	-
C576136	218	115	43.2	-
C576137	5	2	60.7	-
C576138	28	8	211	-
C576139	85	3	490	-
C576140	54	42	74.7	-
C576141	32	3	56.2	-
C576142	25	40	159	-
C576143	100	36	83.8	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number EXP 480839
Project Warrior
Submission Number KGHM / Warrior / 59 rocks
Number of Samples 59

ANALYSIS REPORT BBM22-24708

Element	@V	@Zn	@Zr	Cu
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GO_ICP42Q100
Lower Limit	2	1	0.5	0.01
Upper Limit	10,000	10,000	10,000	30
Unit	ppm m / m	ppm m / m	ppm m / m	%
C576114	181	86	40.7	-
C576115	38	17	132	-
C576116	76	24	176	-
C576117	218	105	40.5	-
C576118	115	66	41.6	-
C576119	184	169	172	-
C576120	112	55	61.9	1.58
C576121	21	16	64.6	-
C576122	104	51	132	-
C576123	7	1	72.9	-
C576124	266	75	77.2	-
C576125	272	122	79.3	-
C576126	202	133	46.8	-
C576127	203	59	42.9	-
C576128	397	95	42.5	-
C576129	50	14	282	-
C576130	53	11	253	-
C576131	80	67	140	-
C576132	69	49	149	-
C576133	53	17	247	-
C576134	44	27	305	-
C576135	14	6	303	-
C576136	218	115	43.2	-
C576137	5	2	60.7	-
C576138	28	8	211	-
C576139	85	3	490	-
C576140	54	42	74.7	-
C576141	32	3	56.2	-
C576142	25	40	159	-
C576143	100	36	83.8	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project Warrior
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ANALYSIS REPORT BBM22-24708

Element	@V	@Zn	@Zr	Cu
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GO_ICP42Q100
Lower Limit	2	1	0.5	0.01
Upper Limit	10,000	10,000	10,000	30
Unit	ppm m / m	ppm m / m	ppm m / m	%
*Std OREAS 905	10	141	255	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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