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REPORT ON THE 2021-2022 EXPLORATION PROGRAM

on the

NORTH CARIBOU RIVER CLAIMS

on behalf of

ROMIOS GOLD RESOURCES INC.

Patricia Mining Division, NW ONTARIO

NTS 53B/14 Weagamow Lake
52° 52’ 20” North Latitude
91° 05’ 00” West Longitude

Prepared For:

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Table of Contents

LIST OF FIGURES

LIST OF TABLES

LIST OF MAPS

LIST OF APPENDICES

1 SUMMARY

The 55 North Caribou River (NCR) claims owned by Romios Gold Resources Inc. ("Romios" or the "Company") are located in the North Caribou Lake Greenstone Belt in NW Ontario, approximately 500 km north of Thunder Bay, Ontario (Fig. 1). The claims are grouped into a large main block of 49 cells and a separate block of 6 cell claims 2.3 km to the SW (Figs. 2, 3). The largest claim block is largely bisected by the NE-trending, regional North Caribou River Fault (NCRF) which separates the NE-trending, predominantly metabasaltic rocks of the ~2 km wide Archean South Rim Assemblage south of the fault from a complex intersection of three different Archean assemblages north of the fault. From west to east these are the Agutua Arm volcanic assemblage, the N-S trending Keeyask Volcanic assemblage, and the roughly east-trending belt of Eyapamikama clastic sediments (see Figure 5). Several gold and copper showings are found along the NCRF and these were heavily explored in the 1960's-1980's. The smaller claim block is divided by the NCRF into South Rim volcanics to the south and a pluton of the Weagamow Lake intrusions to the north; this latter block was not surveyed during the survey described herein and will not be discussed further.

The NCR claims were originally staked online in April 2018 by three prospectors and later acquired from them by Romios in 2020 in return for a 1% NSR on any future mining production. Romios became interested in the gold potential of the NCR claims after reviewing the historical exploration data and realising that even though there were at least 60 past drill holes on the property, virtually all of them tested a single feature - the main NCRF. It is apparent from both topographic and geophysical trends that there is another large fault that parallels the NCRF about 700 m to the south and that structure is virtually untested. In addition, little or no exploration in the past was directed at potential splay faults linking these two main faults. In many gold camps, the main faults do not host the economic ore zones as they are too "tight", rather it is the splay faults coming off the main breaks that allow the formation of substantial gold deposits. Past ground geophysical surveys on a nearby prospect detected E-W conductive features between the two main breaks, consistent with the presence of splay faults. For these reasons Romios acquired

the NCR claims. In late 2020 the company contracted Terraquest Ltd. to undertake an airborne VLF-Magnetic survey in an effort to locate potential splay faults linking the mineralized NCRF and the parallel fault to the south. The VLF survey results show a series of ten East-West linear, low-resistivity features between the two parallel main faults consistent with the presence of splay faults (Biczok, 2021).

Six of the VLF trends / assumed splay faults were explored by geological mapping and soil sampling during the summers of 2021 and 2022 in an effort to determine if faults were actually present along these VLF trends and if any of them might be mineralized with gold and/or base metals. The results of this program are presented in this report.

The 2021-22 work programs were carried out on behalf of Romios by the Company's own geological crew consisting of the author and two geology students in 2021 and three geology students in 2022. The field work was performed between June 15th and 21st, 2021 (3 people), September 4th, 2021 (4 people), and June 17th and 22nd, 2022 (4 people), not including travel days to the mob/demob site in Pickle Lake. The total number of person days in the field during these periods was 49. (See Section 8 for the names of the crew members).

The 2021-22 soil sampling program involved the collection of humus where that material was present and iron-stained sand where no humus existed. Sampling was conducted with the use of small shovels which were used to excavate holes typically ~30 -50 cm across and ~30 cm deep in order to collect the soil samples. The holes were backfilled once the sample was collected. Sampling was conducted along North-South lines, typically UTM grid lines 100 m apart, and samples were collected every 25 m where possible, using handheld Garmin GPS instruments for location control. Geological mapping was conducted at any outcrop noted during the soil sampling program or during traverses from the camp to the sampling sites. All sampling and mapping was done in the UTM coordinate system, specifically NAD 83, Zone 15.

Sampling has been largely completed over 6 of the 10 VLF targets (VLF Trends #1, 2, 3, 8, 9 and 10 on claims 502320, 502331-32, 502337-40, 502349-50, 502360, 502363-65, 502367; Fig.6) although the extent of the coverage on 3 of these features was limited by

the presence of swamps. Four targets remain to be sampled: VLF Trends #4, 5, 6 and 7 on claims 502320-21, 502323-25, 502328-31 and 5032368 (Map 1, Fig. 6). Humus samples were analysed by Neutron Activation for 34 elements and by ICP-OES for Copper. Sand samples were analysed for 44 elements by the Enzyme Leach method. Results of the soil sampling defined multi-element anomalies (Au, Sb, Cu, As, +/- Cl, La.) on 3 of the target features (#8, 9 and 10) with some anomalies being very linear and confined to the trace of the VLF feature and others being more erratic but still significant. Outcrops in the vicinity of VLF Trend #9 display a marked change in foliation direction as the VLF feature is approached, supporting the presumed presence of a fault at this location. No outcrops were found along any of the other VLF trends explored so far.

The results to date support the premise that the VLF trends represent splay faults between the NCRF and the parallel fault ~700 m to the south. The soil sample results suggest that at least 3 of these VLF trends - #8, 9 and 10 – may be host to gold +/- base metal mineralization.

Given the success of the first soil sampling programs and confirmation in outcrop of a probable fault zone at VLF trend #9, it is recommended that the soil sampling and geological mapping program be completed over the remaining VLF features. The precise location of the VLF anomalies in the field should be pin-pointed with a ground VLF survey and hand trenching is recommended where feasible over the VLF targets that returned the anomalous soil results.

2 INTRODUCTION

Romios Gold Resources Inc. (the “Company” or “Romios”) owns two claim blocks in the western portion of the Archean North Caribou Lake greenstone belt in NW Ontario known as the North Caribou River (NCR) claims (Figs. 1, 2). The subject of this report, the main block of 49 claims, begins 15 km SE of the North Caribou Lake First Nation community of Round Lake (a.k.a. Weagamow Lake) and 12 km east of the all-weather road to that community. These claims cover a series of gold and copper showings along the >15 km long North Caribou River Fault (NCRF) that were discovered in the 1960’s to 1980’s and were acquired by Romios from 3 prospectors in early 2020. Romios believes there is good potential for the discovery of gold mineralization along a series of postulated splay faults linking the NCRF with an apparent parallel fault 700 m to the south.

The claims area was subject to extensive drilling programs and other work by various companies beginning in the 1960s and carrying on into the 1980s. This work largely focussed on the North Caribou River Fault (NCRF) which is partially exposed along the south shore of the North Caribou River during periods of low water levels. The fault is locally altered and mineralized, typically with either broad zones of weak mineralization but apparently impressive alteration +/- sulphidation, or narrow zones of high-grade Au+/-Cu in narrow veins. Virtually no work was done on the parallel fault located ~700 m to the south, or to test the area between the 2 faults for second-order structures that would theoretically be more extensional in nature and therefore be greater hosts for potential mineralization.

Romios acquired the property in early 2020, just prior to the outbreak of the Covid-19 pandemic. The worsening situation then prevented field access to the property due to the health and safety concerns of the both the Company and the nearby North Caribou Lake First Nation. As an alternative, Romios then contracted Terraquest to undertake an airborne VLF-Magnetic survey of the claims in an effort to locate the postulated splay faults and guide the future exploration. This survey was successful in locating 10 apparent structures linking the 2 regional faults (Biczok, 2021) and provided targets for field work once access to the area was allowed again in 2021 and 2022.

The work was undertaken by Romios' exploration team which consisted of 3-4 people at various times in 2021-2022 from tent camps at 3 different sites near or on the claims, as well as one day of sampling when the crew flew in by helicopter from another project in the area. The field work dates, not including travel dates split with other projects, are as follows:

- June 15 to 21st, 2021: Three personnel (John Biczok, Matthew Poirier and Daniel Thomson).
- Sept. 4, 2021: Four personnel (J. Biczok, M. Poirier. Kieran Kristoffersen and D. Thomson).
- June 17 to 22, 2022: Four personnel (J. Biczok, D. Thomson, Hanna Tiitto and Jacob Mohr-Wise).

The sampling and mapping sites per claim are tabulated in Section 8.

This report presents the results of the 2021 and 2022 soil sampling and geological mapping program that targeted the VLF features identified in the 2020 survey. This work is still incomplete but has so far been completed over 6 of the 10 targets (#1, 2, 3, 8, 9 and 10) and has identified Au + multi-element anomalies over several of the target structures. Geological mapping of outcrops near VLF Trend #9 has documented a change in the foliation strike direction from NE-SW to E-W as the presumed location of the splay fault is approached, adding more support for the target model. The 6 VLF targets explored to date are listed below with their corresponding claim #s:

VLF Trend # 1: Claims 502363, 502364
VLF Trend # 2: Claims 502364, 502365
VLF Trend # 3: Claims 502360. 502320
VLF Trend # 8: Claims 502337, 502338, 502331. 502332
VLF Trend # 9: Claims 502339, 502340
VLF Trend # 10: Claims 502349, 502350

Completion of the soil sampling and mapping program is recommended over the remaining 4 targets where possible, followed by VLF ground surveys to pin-point the

assumed fault structures, and hand trenching of any outcrop areas near the presumed splay faults. In addition, detailed geological mapping and lithogeochemical sampling of the somewhat unusual geology in the Center Lake area north of the North Caribou River is highly recommended.

Abbreviations used in this report are listed in Table 4 at the end of this text.

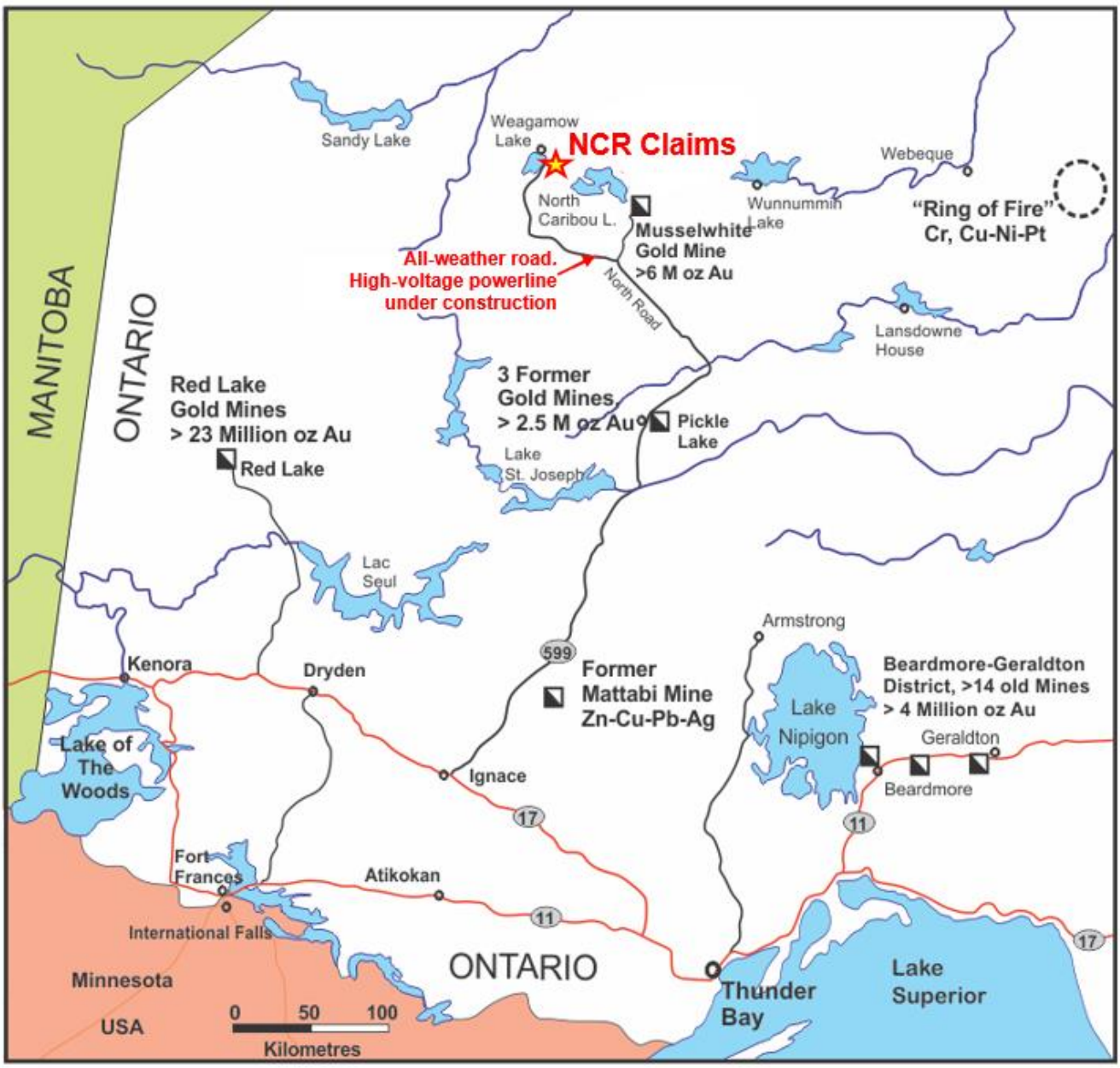

Figure 1: Regional location map, North Caribou River project

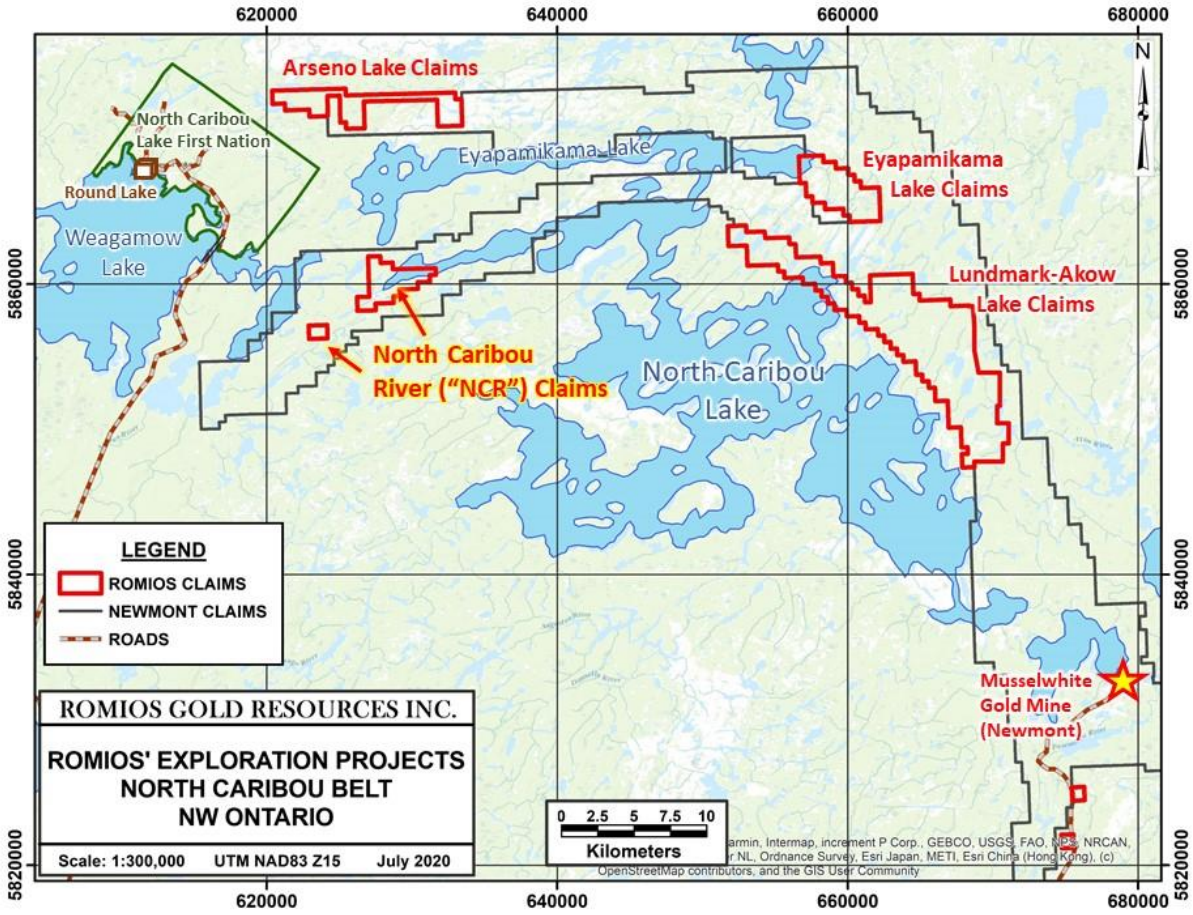

Figure 2: District Map of Romios' North Caribou River claims

3 PROPERTY DESCRIPTION AND LOCATION

3.1 LOCATION

Romios' North Caribou River (NCR) project is located 510 km NNW of Thunder Bay, Ontario and 170 km NNW of Pickle Lake, Ontario (Fig. 1). The nearest settlement is the First Nation community of Round Lake (a.k.a. Weagamow Lake) which is 15 km to the northwest (Fig. 2). Both Pickle Lake and Round Lake are serviced by regular scheduled air service from Thunder Bay and charter float plane service is currently available from Pickle Lake. A paved road leads to Pickle Lake from the Trans-Canada highway, 300 km to the south, and an all-weather gravel road, the "North Road", leads from Pickle Lake to

Round Lake; the main block of NCR claims begins ~12 km east of this road. A high-voltage power transmission line is currently under construction from Pickle Lake to many of the First Nation communities in the area north of Pickle Lake, including Round Lake.

The centre of the 2021-22 fieldwork area described herein is at approximately 52° 52’ 20” North Latitude and 91° 05’ 00’ West Longitude. It is within the Patricia Mining Division on NTS map sheet 53B/14.

3.2 CLAIM HOLDINGS

The subject of this report, the main NCR claim block, consists of 49 cell claims extending over an elongated area ~ 6 km long (NE-SW) and up to ~3.4 km NW-SE (Figs. 2, 3, Map 1). A small, separate block of 4 cell claims begins ~2.3 km farther SW but was not subject to the survey described in this report. The 2 blocks of claims cover 1,073.3 hectares (2,652.2 acres) in total (see Table One). The claims and the provincial claim cell grid are shown at a scale of 1:7,500 on appended Map 1.

The NCR claims are wholly owned by Romios Gold Resources Inc. and were acquired on March 10, 2020 from three prospectors – David Lefort, Jacques Robert, and Andrew McClellan (9640355 Canada Corp.), in return for a 1% net smelter returns royalty (“NSR”). Romios can acquire a 0.5% NSR for $1 million and has a right of first refusal on the remaining 0.5% NSR.

The previous anniversary date of the claims was April 10, 2021. However, due to the various extensions of due dates granted by the Province of Ontario due to the Covid-19 pandemic, all of the claims in the main block were extended to April 10, 2023 and the 6 claims in the smaller block were extended to December 2, 2023. The credits from the 2020 airborne survey report were recently applied to 21 of the main block claims, extending their due dates to April 10, 2024 (see Table One). The claims due on April 10, 2023 are currently under a short-term extension awaiting the submission of this assessment report.

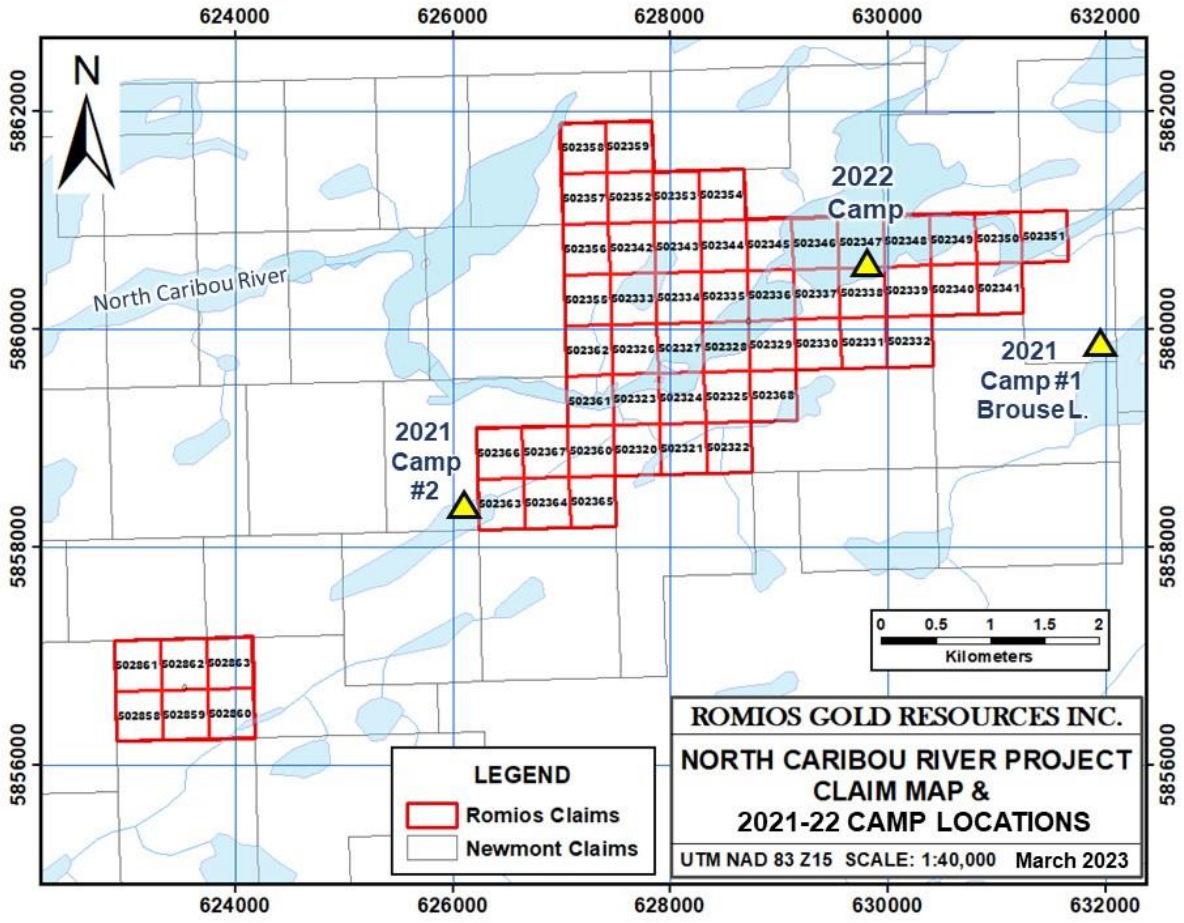

Figure 3: Claim Map, North Caribou River Project, 1:40,000

3.3 EXPLORATION PERMITS and MOUs

The field work undertaken on the NCR claims by Romios described in this report consisted solely of “boots on the ground” mapping, prospecting and soil sampling with no appreciable impact on the land or forest cover, consequently no exploration plan or permit is required from the MNDM. As a matter of course, however, Romios has on various occasions corresponded and spoken with the leadership of the North Caribou Lake First Nation (NCLFN) about our plans to explore the NCR claims and potentially hire members of that community. Due to the Covid-19 pandemic, the field work planned for 2020 was postponed and an airborne survey initiated in its place (Biczok, 2021). The work undertaken in 2021 and 2022 was conducted by the small, 3-4 person Romios geological teams and no local support was required for this type of work.

CLAIM #	Cell ID(s)	Tenure Type	Due Date	Area (ha)	Township / Area
502320	53B14H244	SCMC	2024-04-10	19.52	RANDALL LAKE AREA
502321	53B14H245	SCMC	2023-04-10	19.52	RANDALL LAKE AREA
502322	53B14H246	SCMC	2023-04-10	19.52	RANDALL LAKE AREA
502323	53B14H224	SCMC	2023-04-10	19.52	RANDALL LAKE AREA
502324	53B14H225	SCMC	2024-04-10	19.52	RANDALL LAKE AREA
502325	53B14H226	SCMC	2024-04-10	19.52	RANDALL LAKE AREA
502326	53B14H204	SCMC	2023-04-10	19.51	RANDALL L. & KEEYASK L
502327	53B14H205	SCMC	2023-04-10	19.51	RANDALL L. & KEEYASK L
502328	53B14H206	SCMC	2023-04-10	19.51	RANDALL L. & KEEYASK L
502329	53B14H207	SCMC	2024-04-10	19.51	RANDALL L. & KEEYASK L
502330	53B14H208	SCMC	2024-04-10	19.51	RANDALL L. & KEEYASK L
502331	53B14H209	SCMC	2024-04-10	19.51	RANDALL L. & KEEYASK L
502332	53B14H210	SCMC	2024-04-10	19.51	RANDALL L. & KEEYASK L
502333	53B14H184	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502334	53B14H185	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502335	53B14H186	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502336	53B14H187	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502337	53B14H188	SCMC	2024-04-10	19.51	KEEYASK LAKE AREA
502338	53B14H189	SCMC	2024-04-10	19.51	KEEYASK LAKE AREA
502339	53B14H190	SCMC	2024-04-10	19.51	KEEYASK LAKE AREA
502340	53B14H191	SCMC	2024-04-10	19.51	KEEYASK LAKE AREA
502341	53B14H192	SCMC	2024-04-10	19.51	KEEYASK LAKE AREA
502342	53B14H164	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502343	53B14H165	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502344	53B14H166	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502345	53B14H167	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502346	53B14H168	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502347	53B14H169	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502348	53B14H170	SCMC	2024-04-10	19.51	KEEYASK LAKE AREA
502349	53B14H171	SCMC	2024-04-10	19.51	KEEYASK LAKE AREA
502350	53B14H172	SCMC	2024-04-10	19.51	KEEYASK LAKE AREA
502351	53B14H173	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502352	53B14H144	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502353	53B14H145	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502354	53B14H146	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502355	53B14H183	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502356	53B14H163	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502357	53B14H143	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502358	53B14H123	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502359	53B14H124	SCMC	2023-04-10	19.51	KEEYASK LAKE AREA
502360	53B14H243	SCMC	2024-04-10	19.52	RANDALL LAKE AREA
502361	53B14H223	SCMC	2023-04-10	19.52	RANDALL LAKE AREA

CLAIM #	Cell ID(s)	Tenure Type	Due Date	Area (ha)	Township / Area
502362	53B14H203	SCMC	2023-04-10	19.51	RANDALL L. & KEEYASK L
502363	53B14H261	SCMC	2024-04-10	19.52	RANDALL LAKE AREA
502364	53B14H262	SCMC	2024-04-10	19.52	RANDALL LAKE AREA
502365	53B14H263	SCMC	2024-04-10	19.52	RANDALL LAKE AREA
502366	53B14H241	SCMC	2024-04-10	19.52	RANDALL LAKE AREA
502367	53B14H242	SCMC	2024-04-10	19.52	RANDALL LAKE AREA
502368	53B14H227	SCMC	2023-04-10	19.52	RANDALL LAKE AREA
502858	53B14G353	SCMC	2023-12-02	19.53	RANDALL LAKE AREA
502859	53B14G354	SCMC	2023-12-02	19.53	RANDALL LAKE AREA
502860	53B14G355	SCMC	2023-12-02	19.53	RANDALL LAKE AREA
502861	53B14G333	SCMC	2023-12-02	19.52	RANDALL LAKE AREA
502862	53B14G334	SCMC	2023-12-02	19.52	RANDALL LAKE AREA
502863	53B14G335	SCMC	2023-12-02	19.52	RANDALL LAKE AREA
55				**1,073.27**	

Table 1: Summary of North Caribou River claims held by Romios Gold Res.

4 ACCESSIBILITY, CLIMATE & TOPOGRAPHY

ACCESS: The 2021 field program was conducted from 2 short-term tent camps established on small lakes in the claims area (see Fig. 3). The crew mobilised to the site by Otter float plane chartered from Osnaburgh Airways in Pickle Lake and initially attempted to land on the North Caribou River to establish camp there. Unfortunately the low water levels and presence of a large beaver dam prevented landing on the river or a connected lake so the pilot was directed to land on Brouse Lake southeast of the claim block and camp was established there. The terrain between this camp site and the target VLF features proved to be quite difficult (extensive peat bogs alternating with severe deadfall) and slow to traverse. After completing work on one major VFL target (#9, see Fig. 6), camp was moved to Randall Lake on the edge of the western claims and sampling of 3 targets was completed from there. The crew was then demobilised to work on another project in the area. A 5th VLF target (#8) was sampled in September, 2021 by the same crew, utilising a helicopter for access from the Lundmark-Akow Lake project based out of the North Caribou Lake lodge on Cemetery Island, 28 km to the ESE.

In 2022, water levels on the river were relatively high and the crew was able to land by float plane and set up camp on the claims along the south shore of the river. Work was completed for the first time on the northernmost target (#10, see Fig. 6) and infill sampling conducted on the second most northerly target (#9) where anomalous results had been returned from the 2021 program. The float plane company used to move the crew about was extremely busy during the month of June, 2022 and was unable to bring the boat used by the crew on the previous job to the NCR site. Because of this issue and weather that alternated between extreme heat and strong rains, the more distant VLF targets to the south were not reached during this program.

The boundary of the North Caribou Lake First Nation reserve begins ~6.3 km NW of the NCR claims and the community of Round Lake, also known as Weagamow Lake, is centred in the western portion of the reserve, ~16 km NW of the main NCR claim block. The North Caribou River is used by local residents as a boat route between Round Lake and North Caribou Lake. There are several sets of rapids located along the river near the NCR claims requiring experience and caution to navigate. The paved/gravel road from Pickle Lake to Round Lake is now an all-season road thanks to the recent completion of a bridge over the North Caribou River at the SE corner of the NCLFN reserve. This road is 11-12 km due west of the NCR claims, or ~14 km by the shortest land route.

In the past, small float planes (Cessna and/or a Beaver) were available for charter from Weagamow Air in Round Lake but these have not been available in the last few years. The Covid-19 pandemic prevented access through the community in 2020 and 2021. In future years it may be possible to access the claim by aircraft from Round Lake or by boat along the river.

CLIMATE: The NCR area is subject to a continental climate with 5 months of temperatures averaging below 0° C and only four months with highs above 15° C. Historical weather data is available for Pickle Lake, 170 km south of the NCR claims. Average monthly temperatures there range from a daily high of -13° C and lows of -22° C in January to a daily high of +24° C and a low of +13° C in July. Annual precipitation averages 790 mm per year, with the greatest amounts in the summer months, ~100 to 118 mm/month.

TOPOGRAPHY: The topography of the claims area worked in 2021-22 is generally subdued, similar to much of the topography in this northern portion of the Canadian Shield. It is rare to find any local relief features (hills, eskers, etc.) more than 10 m in height and the overall elevation varies between the 291 m level of the river in the eastern portion of the claims and highs of perhaps 305 m north and south of the river. The most prominent topographic feature is the North Caribou River which follows a roughly west to east irregular course across the claims area and is paralleled to the south by the NNE trending string of subdued but persistent, narrow shallow valleys, lakes and swamps that lie along the North Caribou River Fault and the parallel fault ~700m to the south.

5 PAST WORK

The first geological mapping of the North Caribou Lake area was by J. Satterly (1941) of the Ontario Department of Mines at a scale of 1:63,360. This was followed by reconnaissance scale mapping during a compilation by Emslie (1962) and again by Thurston et al. (1979) and Andrew et al. (1981). The most detailed mapping by the Ontario Geological Survey was undertaken in by F.W. Breaks and J. R. Bartlett (1991) in 1984 as part of a three-year integrated study of the North Caribou Lake area following the initial discovery of gold in the Opapimiskan Lake area. This discovery eventually led to the development of the Musselwhite gold mine which opened in 1997.

The North Caribou River area has been explored sporadically since 1928 when gold was discovered on Upper Windigo Lake (Satterly, 1941). The first large scale programs in the area were undertaken by Rio Tinto and INCO in the 1960's both of whom explored a large part of the belt for gold, base metals and nickel, including the drilling of numerous packsack type drill holes by INCO.

In the North Caribou River area, the earliest records of exploration activity includes a report by Harris (1959) on the TEAL property, located 4 km SW of the main NCR claim block and 480 m SW of Romios' smaller southwest block of 6 NCR claims. This showing was discovered by a prospecting party sponsored by the Mosher interests from Toronto in 1957. The showing was not staked at that time but was "rediscovered" by 2 prospectors,

Max Levine and J. Ayrhart, who staked the site and stripped and trenched the showing, obtaining Au, Ag and Cu values, and precipitating a staking rush. Various parties including the newly formed Teal Exploration Ltd. and Anaconda then began more concerted efforts in the area including trenching and small-diameter drill programs. Samples from the Teal showing assayed up to 4.56 oz/t Au, 77.8 oz/t Ag and 5.7% Cu (Harris, 1959). The zone was described as “sheared and silicified greenstone with numerous quartz and quartz carbonate stringers mineralized with chalcocite, chalcopyrite and pyrite in that order”. This shear zone is now known as the North Caribou River Fault and extends >15 km to the northeast from the Teal showing across the full extent of the NCR claims.

In the area now covered by the NCR claims, St. Joseph Explorations was one of the most active explorers, beginning in the late 1970s and then succeeded by Moss Resources, Power Explorations and Guinness Gold in the 1980s. See referenced reports by N. Rayner (St. Joseph), P. Taylor and J. North (Moss Resources and Power Explorations), D. Corkery (for Guinness Gold), and multiple references therein. These companies carried out the following work along the main North Caribou River fault zone:

- 1978: St. Joseph Explorations Ltd. conducted an EM and magnetometer survey.
- 1979: St. Joseph Explorations Ltd. drilled 1 DDH totalling 94.18 m.
- 1985: Moss Resources conducted mapping, trenching, sampling, and EM & Mag surveys.
- 1987: Power Explorations Inc. carried out prospecting, trenching, sampling and mapping.
- 1988: Power Explorations Inc. drilled 26 DDH totalling 4585.7 m. Scattered gold hits up to 0.116 oz/t Au over 15.9 ft. in sheared mafic volcanics and minor BIF in holes 12, 13 and 14. Hits were wide spaced, e.g. 3 holes spread over 2400 ft.; all hit low to modest Au over 3 to 26 ft widths.

Guinness Gold took over the property and began work along the North Caribou River Fault zone in 1989. They drilled 24 holes in 1989 to follow-up Power’s results from the previous year. Guinness targeted the area between Power holes 12, 13 and 14 in particular and intersected values up to 0.224 oz/t Au over 1.3 feet, 0.083 oz/t Au over 10.6 feet and 0.057 oz/t Au over 16.0 feet. In drill hole RL-89-22, a zone of quartz-tourmaline-pyrrhotite veins in wacke, grading 0.231 oz/t Au over 2.5 feet, was encountered below the iron formation.

Six holes drilled along the fault SW of the aforementioned area returned intercepts up to 0.134 oz/t Au over 4.9 feet.

Approximately 900 m north of the NCRF is the Centre Lake Occurrence, an exposure of Quartz + Fe-Mg carbonate + chlorite + magnetite + hematite bearing rock and cross-cutting quartz-sulphide veins with highly erratic gold values up to 1,065 ppb. The following companies carried out work in this area:

- 1978: St. Joseph Explorations Ltd. carried out mapping.
- 1985: Sulpetro Minerals Ltd. undertook mapping and sampling.
- 1985: Moss Resources carried out mapping, trenching, and sampling.
- 1988: Power Explorations Inc. drilled 2 DDH totaling 229.8 m.

Approximately 500 m SW of the North Caribou River Gold prospect is the North Caribou River Copper prospect which has the following history of exploration work:

- 1979: St. Joseph Explorations Ltd. drilled 1 DDH totaling 84.43 m. No significant Cu or Au values were returned. (Assessment report 53B14SE0010).
- 1984: OGS staff members collected samples from quartz-sulphide veins found in a chlorite-actinolite schist. Sample 95 returned 1.59% Cu. Sample 96 returned 1.72% Cu (Bartlett et al., 1985).
- 1985: Moss Resources carried out mapping, sampling, VLF-EM and magnetic surveys.
- 1988: Power Explorations drilled 3 DDH totaling 498.65 m. Results were generally poor with a maximum gold intercept of 0.1 oz/t Au/ 5 ft. and 0.15 oz/t Au / 5 ft, the former in Po-Cp-quartz veins and the latter in pyritic, chloritic basalt.

In 1985, a helicopter-borne magnetic and electromagnetic survey of the North Caribou Lake greenstone belt was conducted by Aerodat Limited on behalf of the Ontario Geological Survey (OGS, 1985) at a line spacing was 200 m with a magnetometer height of 45 m and the EM bird height of 30 m above ground level (OGS, 1985).

In 2020, Romios Gold Resources Inc. acquired the claims from 3 prospectors and contracted Terraquest to undertake an airborne VLF and Magnetic survey during a 3 day period between October 23rd and 25th, 2020. The VLF survey, specifically the Jim Creek, Washington (NLK) and Cutler, Maine (NAA) stations, show a series of ten E-W linear, low-

resistivity features between the two parallel main faults consistent with the presence of splay faults (Biczok, 2021).

6 GENERAL GEOLOGY

The North Caribou River area lies near the western end of the Archean North Caribou Lake greenstone belt (NCGB), one of the northernmost belts in the North Caribou Superterrane adjacent to its internal contact with the Island Lake terrane (Fig. 4).

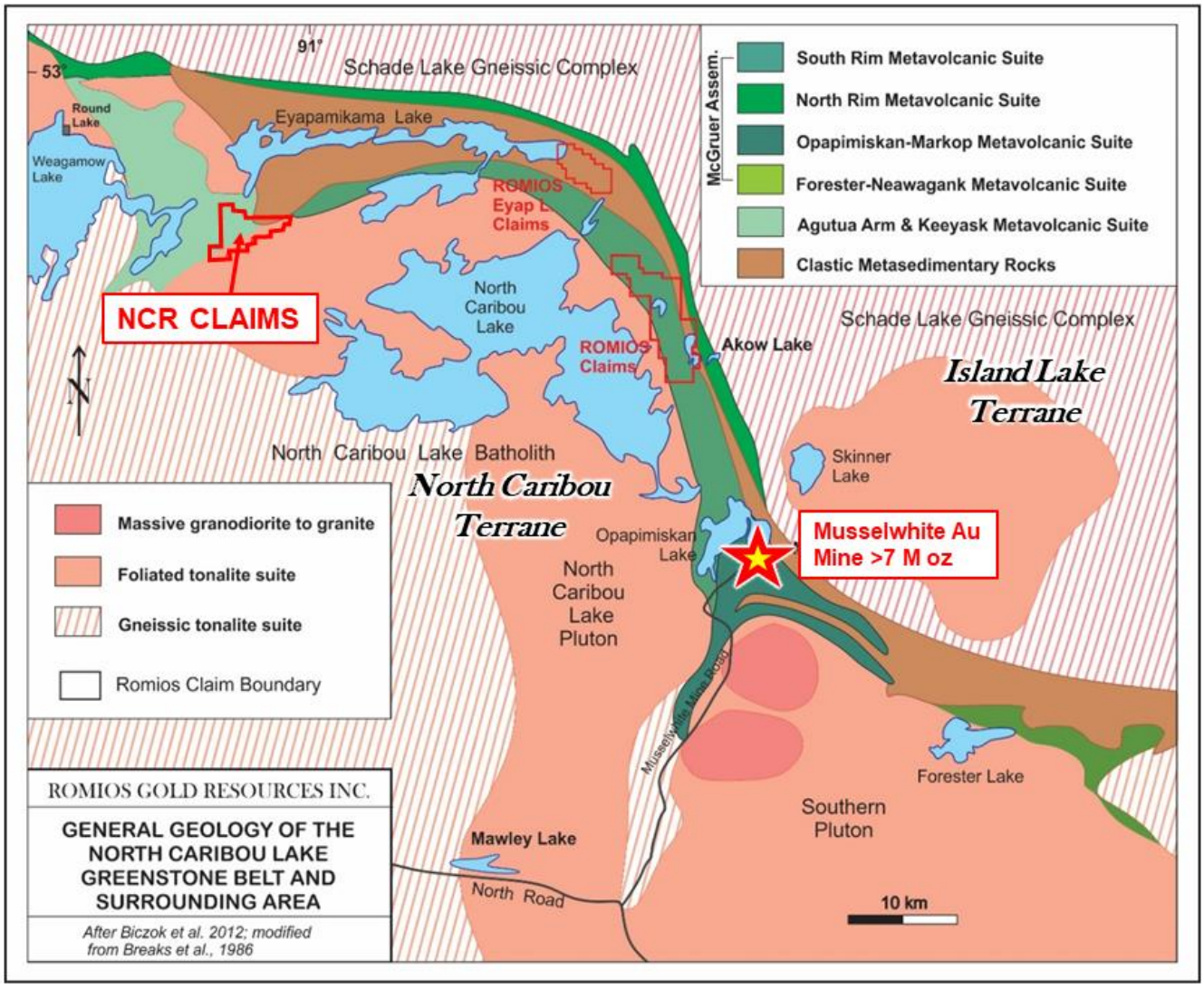

Figure 4: General geology of the North Caribou Lake greenstone belt

The belt was mapped in detail most recently by the Ontario Geological Survey over a 3 year period in the 1980's (Breaks and Bartlett, 1991; Breaks et al., 2001). These workers divided the belt into 8 groups which were modified somewhat by Thurston, (1991) and Hollings and Kerrich (1999). Only those units of relevance to the Romios property will be discussed in any detail here. For information on the other units the reader is referred to Breaks et al. (2001) and Biczok et al. (2012).

Only a few outcrops were located during the 2021 and 2022 programs, consequently the property geology description is largely extrapolated from various OGS and industry reports, primarily a 1989 report by D. Corkery for Guinness Gold Resources Ltd.

The NCR property straddles the North Caribou River Fault (Fig. 5, Map 2), an ENE-WSW trending zone of intense deformation that dips 70 to 80 degrees to the south. Numerous occurrences of gold +/- Cu-Ag mineralization are associated with the fault in this area.

Four Archean supracrustal packages are unconformably juxtaposed along the fault (Fig. 5, Map 2). On the northwest side of the fault are, from west to east, the roughly N-S trending Agutua Arm Andesites, the Keeyask Lake Metavolcanic-Metasedimentary Complex, and the western terminus of the Eyapamikama Lake Metasediments which form the central core of the NCGB and extend ~30 km to the east of the NCR claims and then ~40 km south to the Opapimiskan Lake area. Similar metasediments that continue east of Opapimiskan Lake may be part of the Eyapamikama Lake sequence but recent age-dates indicate that there are younger sedimentary basins in this area and the boundary between them is not yet well established (Bath, 2017; Duff, 2014). The portion of the belt SE of the NCRF is underlain by predominantly mafic and lesser felsic volcanic rocks of the South Rim Metavolcanics which also extend at least as far east and south as Opapimiskan Lake and then continue east towards Forrester Lake (Fig. 4).

The Agutua Arm assemblage, in the northwest part of the claim group, consists of pillowed andesite, intermediate pyroclastics and autoclastic breccia, basalt and gabbro. The north-south striking, east facing Keeyask Lake Complex overlies the Agutua Arm Andesites above an angular depositional unconformity. In stratigraphic succession, the assemblage

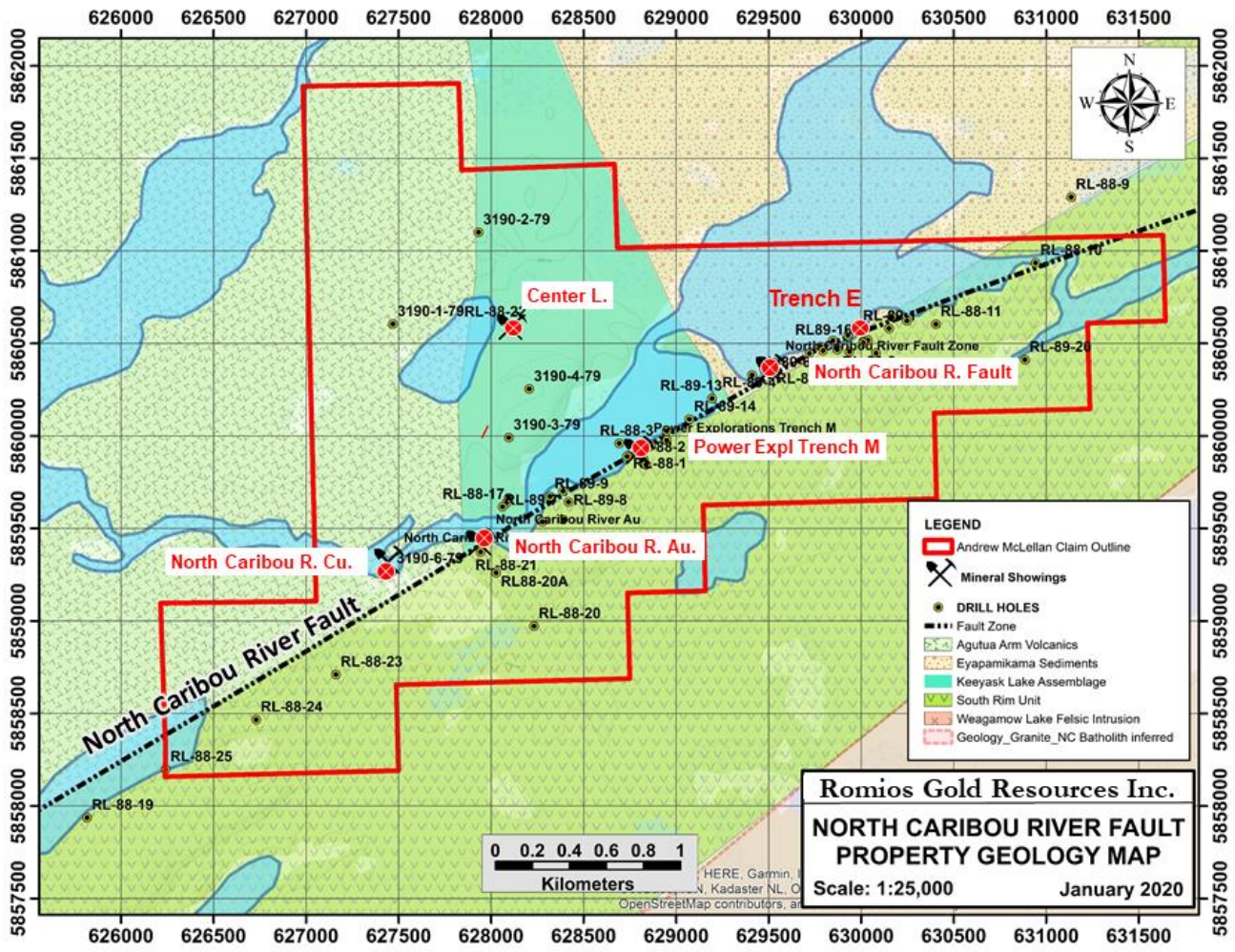

Figure 5: General Geology and Past Drilling, NCR Claims

consists of a lower chert pebble conglomerate followed by quartz arenite, argillite, banded cherty-Py-Po iron formation, ultramafic flows and plagioclase-phyric basalt. The magnetic data suggest three parallel north-south trending bands of iron formation may exist within the Keeyask Lake Complex. The rocks have been affected by strong folding, shearing and alteration related to the Centre Lake Splay Fault and the North Caribou River Fault.

The South Rim Metavolcanics which are exposed in the southern part of the property consist predominantly of dark green basalt with minor intercalations of thin iron formations

(generally <~5 ft., max 25 ft.), clastic sediments, felsic pyroclastics and ultramafic schist. A discontinuous band of iron formation occurs near the top of the sequence. The iron formation strikes 065 to 072 degrees and dips 45 to 52 degrees to the southeast. Highly altered ultramafic schist and felsic to intermediate tuffs (with minor tuff breccia) occur at the tectonized boundary between the Eyapamikama Lake sediments and this formation. Age-dating of the felsic-intermediate units in the South Rim has returned ages of 2982 Ma (Davis and Stott, 2001) and 2980 and 2978 Ma (V. McNicoll et al, 2013) with one felsic horizon NW of Musselwhite returning an age of 3053 Ma.

The Eyapamikama assemblage (ELS) is described by Breaks et al. (2001) as “a fining-upward sequence in which basal alluvium and fan delta conglomeratic cycles grade vertically and laterally into finer grained metasedimentary rocks”. It occupies the centre of the belt for tens of kilometres. The ELS was dated at between <2846 Ma and <2880 Ma by Davis and Stott (2001) and Kelly and Schneider (2015) report a minimum U-Pb zircon core age of 2800 Ma from eleven samples with younger overgrowths in the 2788‑2703 Ma range (a regional hydrothermal event).

7 MINERALIZATION

Much of the following description is taken from Piroshco et al. (1989) with some input from various assessment reports.

Significant gold values have been obtained from several locations along the south bank of the North Caribou River (Fig.5). At the “North Caribou River Gold” site, due south of Center Lake, an OGS grab sample from an outcrop of quartz- and sericite-altered quartz porphyry, containing disseminated pyrite, gave a value of 2,870 ppb gold (Piroshco et al, 1989)**.** A drill hole collared at this location by St. Joseph Exploration Ltd. intersected 1.5 m of quartz porphyry containing 5-10% pyrite-tourmaline veins and 350 ppb Au. At the second location, approximately 2.2 km northeast of the first at the “Trench E” site, a 1 m wide, foliated, quartz-rich zone in mafic volcanic rocks contains trace amounts of pyrite. A gold value of 2,890 ppb over a 1 m width was obtained from Trench “E” in this zone by Moss Resources Ltd. (North, 1985). Drill hole 3190-5-79 collared at this location by St.

Joseph Exploration Ltd. in 1979 intersected 2.43 m of chert breccia with 60% pyrrhotite, 20% pyrite, traces of chalcopyrite, and 857 ppb gold, and a 1.5 m intersection of lean ironstone containing 1-2% pyrite/pyrrhotite and 2,089 ppb gold (Piroshco et al., 1989; Rayner, 1979). Power Exploration's drill holes RL-88-12, 13, and 14 returned intersections of 0.15 oz/t Au over 5.0 feet, 0.115 oz/t Au over 15.9 feet and 0.248 oz/t Au over 3.3 feet from a mineralized iron formation (Assessment report 53B14SE0002). Trench C (located at approximately NAD83 Zone 15 630010 m E, 5860546 m N) assayed up to 7.437 ppm Au over 0.33 m (Assessment report 53B14SE0004).

In 1987, Geocanex, the contract geological firm working for Power Explorations, discovered the "most significant gold mineralization discovered so far" (as of that date) at Trench "M" (see Fig. 5) (North, 1987). These outcrops were only exposed along the edge of the North Caribou River due to low water levels that year and consist of sheared, chloritized greywacke with numerous *en echelon* galena-chalcopyrite-quartz-carbonate-pyrite-pyrrhotite veins. Assays up to 1.79 oz/t Au were returned from grab samples and the full extent of the vein(s) is uncertain due to the water levels. The widest vein sampled was exposed for 9 inches and could be traced 14 ft. Subsequent drilling in this area by Power Explorations in 1988 appears to have returned modest results, with maximum intercepts of 0.088 oz/t Au over 1 ft in a quartz-carbonate vein in DDH RL-88-2 plus 0.094 oz/t Au over 5 ft and 0.108 oz/t Au over 5 ft in RL-88-4 (0.3 to 0.6 ft quartz-pyrite veins?).

Guinness Gold drilled 24 holes in 1989 to follow-up Power's results along the NCRF from the previous year. Guinness targeted the area around Trench E on Fig. 5, between Power holes 12, 13 and 14 in particular. Sixteen holes targeted banded iron formation and intersected values up to 0.224 oz/t Au over 1.3 feet (DDH RL-89-1) with numerous narrow intercepts (<5.2 ft.) in the 0.05 – 0.13 oz/t Au range. In RL-89-22, a zone of quartz-tourmaline-pyrrhotite veins in wacke, grading 0.231 oz/t Au over 2.5 feet, was encountered below the iron formation. Six holes drilled along the fault SW of the aforementioned area returned intercepts up to 0.134 oz/t Au over 4.9 feet.

CENTER LAKE PROSPECT

Quartz + Fe-Mg carbonate + chlorite + talc + magnetite-bearing rock (altered ultramafics?) and cross-cutting quartz-sulphide veins are exposed near the NE shore of Center Lake. They contain erratic gold values up to 1,065 ppb (North, 1985). The distribution and the geometry of the veined and sulphide-bearing zone are unknown. The veins are typically < 3 cm wide, occur in a stockwork fashion, pinch out over distances <1 m, have variable amounts of ankerite and up to 1% disseminated Py, Cp and Asp. Where quartz-rich, the carbonate-bearing wall rock carries up to 1% pyrite and arsenopyrite (Breaks and Osmani, 1989). Power Explorations' DDH RL-88-14 assayed up to 0.248 oz/t Au over 3.3 feet (7.7 g/t Au over 1 m) from a bleached mafic volcanic with abundant quartz veinlets (Taylor, 1989; Assessment report 53B14NE0008). The rocks in the Center Lake area are somewhat unusual and include talc-magnetite-quartz-carbonate units believed to be altered ultramafics, banded iron formation, arenites, conglomerates, an unusual sericite-hematite-chlorite-pyrite unit, and a 300 m wide quartz-sericite schist (altered quartz porphyry?) (Piroshco et al, 1989). These rock types are considered prospective for various deposit types including shear-hosted gold, BIF-hosted gold, and VMS.

8 2021-22 FIELD PROGRAM

The 2021-22 field programs were focussed on completing soil sampling and geological mapping over as many of the 10 potential splay faults identified by the 2020 airborne VLF-Mag survey as possible (Fig.6, Map 2). The field work was performed by Romios' geological crew between June 15th and 21st, 2021 (3 people), September 4th, 2021 (4 people), and June 17th and 22nd, 2022 (4 people), not including travel days to the mob/demob sites. The number of person days in the field during these periods was 49.

- June 15th-21st, 2021: J. Biczok (Part Chief) and 2 student geologists – Dan Thomson and Matthew Poirier.
- Sept. 4, 2021: J. Biczok, D. Thomson, M. Poirier + Kieran Kristoffersen
- June 17 -22, 2022: J. Biczok and 3 student geologists: D. Thomson, Hanna Tiitto, Jacob Mohr-Wise.

Due to the limited time available in 2021 and logistical issues in 2022, sampling has been completed over only 6 of the 10 targets so far (# 1, 2, 3, 8, 9 and 10) but the results of this initial work are quite encouraging on the northernmost targets (#8, 9 and 10) and provide support for further work to complete the program. The VLF targets sampled to date are located on the claims as shown below in Table 2:

VLF TARGET	CLAIM #	Cell Grid #
VLF Trend #1	502363, 502364	53B14H261 & 262
VLF Trend #2	502364, 502365	53B14H262 & 263
VLF Trend #3	502360. 502320	53B14H243 & 244
VLF Trend #8	502337, 502338, 502331. 502332	53B14H188 & 189, 53B14H209 & 210
VLF Trend #9	502339, 502340	53B14H190 & 191
VLF Trend #10	502349, 502350	53B14H171 & 172

Table 2: Sampled VLF trends and underlying claims

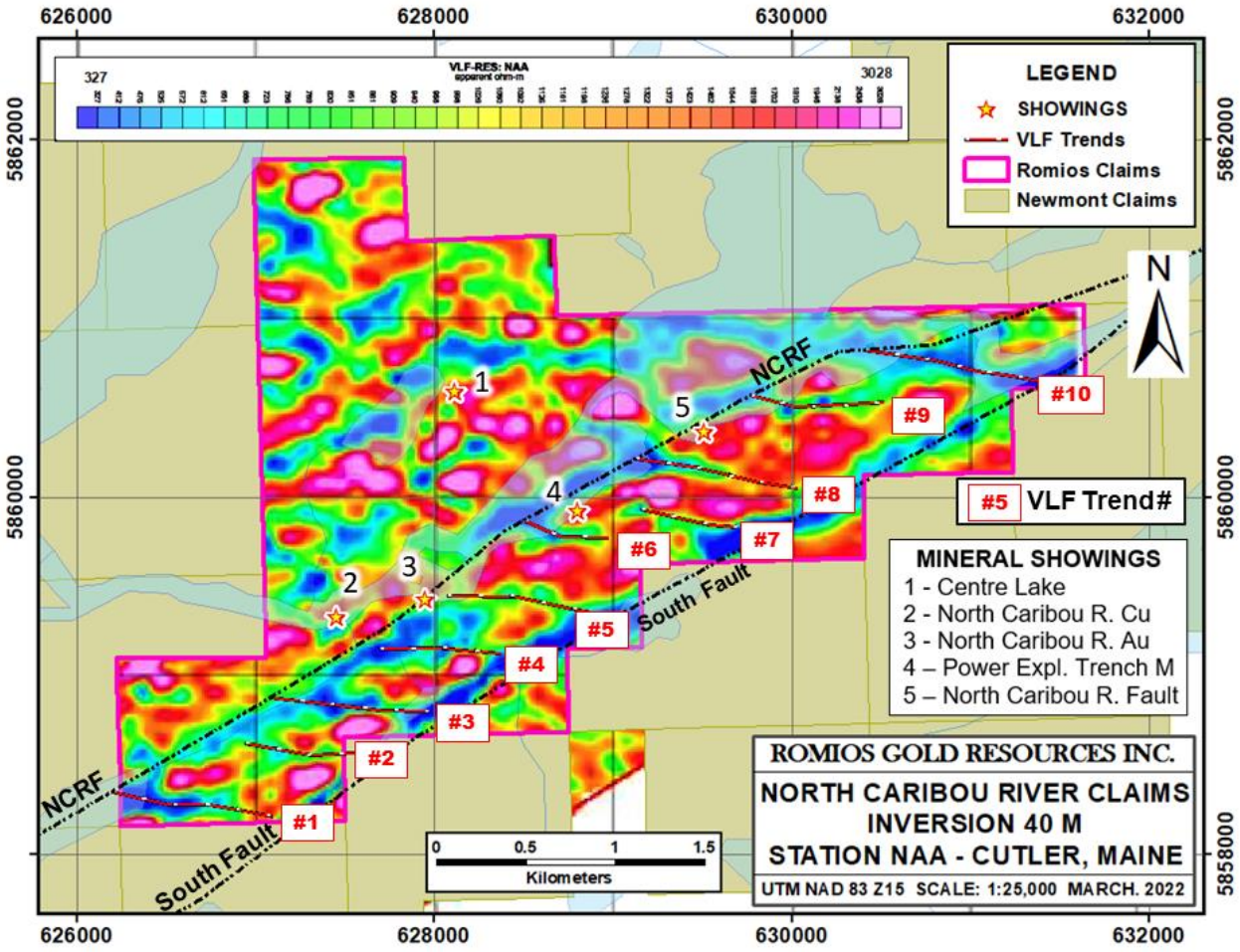

Figure 6: 2020 VLF Conductors/possible splay faults

The results of the geological mapping and soil sampling programs are presented below.

The number of soil samples, rock samples and geological mapping stops per claim is tabulated below in Table 3. A total of 123 sand samples, 123 humus samples (plus 2 standards) and one fist-sized rock sample were collected on 17 of the NCR claims. Geological mapping of outcrops was undertaken at 19 sites.

	CLAIM #	Provincial Cell Grid #	Township/ Area	HUMUS SAMPLES	SAND SAMPLES	ROCK SAMPLES	MAPPING STOPS
	502320	53B14H244	RANDALL LAKE AREA	2	1		
	502330	53B14H208	RANDALL LAKE AREA, KEEYASK LAKE AREA	0	2		
	502331	53B14H209	RANDALL LAKE AREA, KEEYASK LAKE AREA	11	9		
	502332	53B14H210	RANDALL LAKE AREA, KEEYASK LAKE AREA	4	2		
	502337	53B14H188	KEEYASK LAKE AREA	10	5		
	502338	53B14H189	KEEYASK LAKE AREA	9	7		
	502339	53B14H190	KEEYASK LAKE AREA	29	29		12
	502340	53B14H191	KEEYASK LAKE AREA	11	5	1	2
	502341	53B14H192	KEEYASK LAKE AREA	1	0		
	502348	53B14H170	KEEYASK LAKE AREA	3	1		
	502349	53B14H171	KEEYASK LAKE AREA	3	5		
	502350	53B14H172	KEEYASK LAKE AREA	17	8		1
	502360	53B14H243	KEEYASK LAKE AREA	19	11		2
	502363	53B14H261	RANDALL LAKE AREA	0	5		
	502364	53B14H262	RANDALL LAKE AREA	1	25		
	502365	53B14H263	RANDALL LAKE AREA	3	5		1
	502367	53B14H242	RANDALL LAKE AREA	0	3		1
TOTALS	17			123	123	1	19

Table 3: Summary listing of soil and rock samplings plus geological mapping stops per claim.

8.1 GEOLOGICAL MAPPING

Outcrops are generally sparse in the vicinity of the 6 VLF trends explored to date with the exception of the south side of VLF trend #9 on claims 502339 & 502340 (see Fig. 7, Map 2). Outcrop stop descriptions are presented in Appendix One and the outcrops +/- the

foliation measurements are shown on Figures 7, 8 and 9 below, with the general geology and the 2 areas of geological mapping also outlined on appended Map 2.

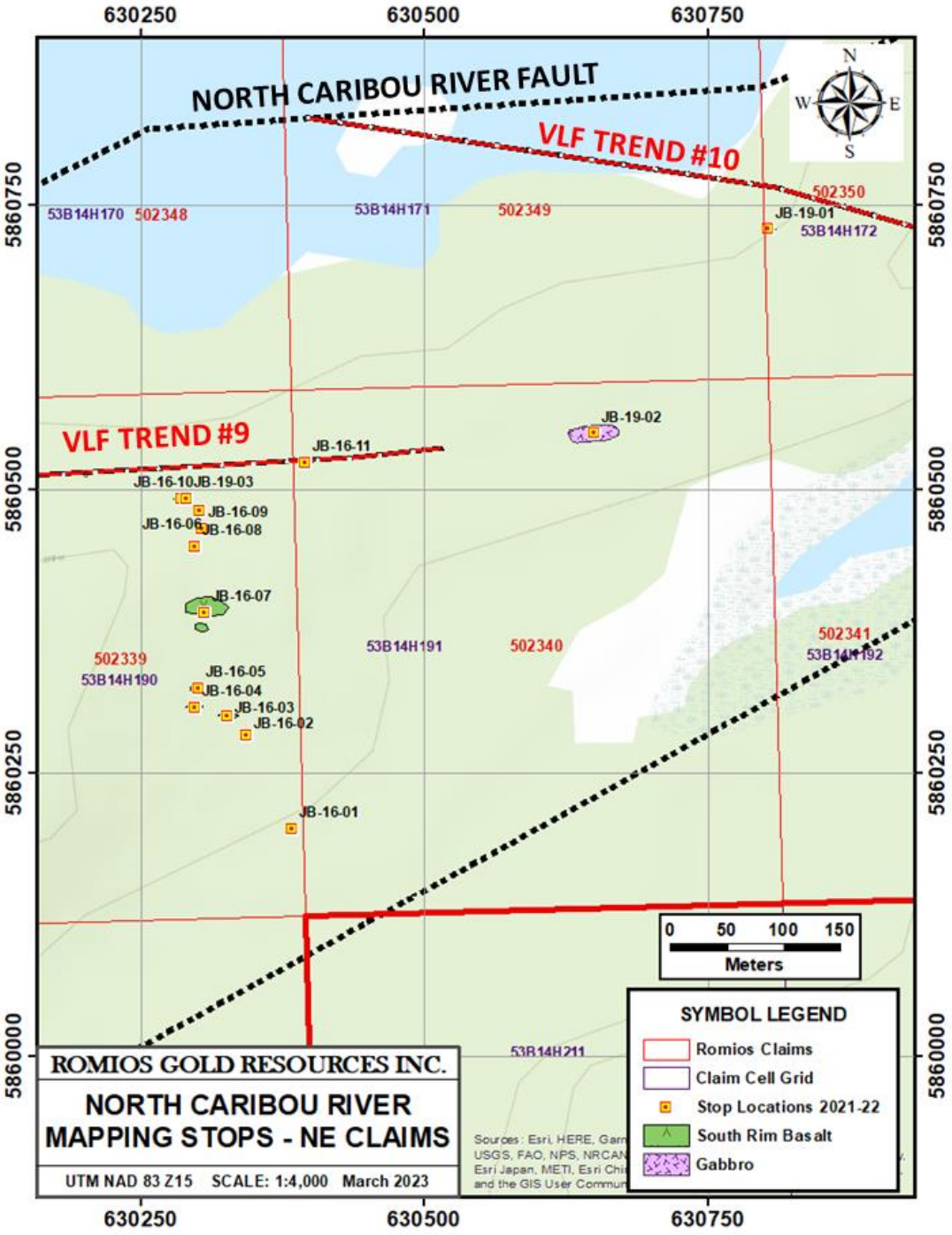

Figure 7: Mapping stop locations, NE claims

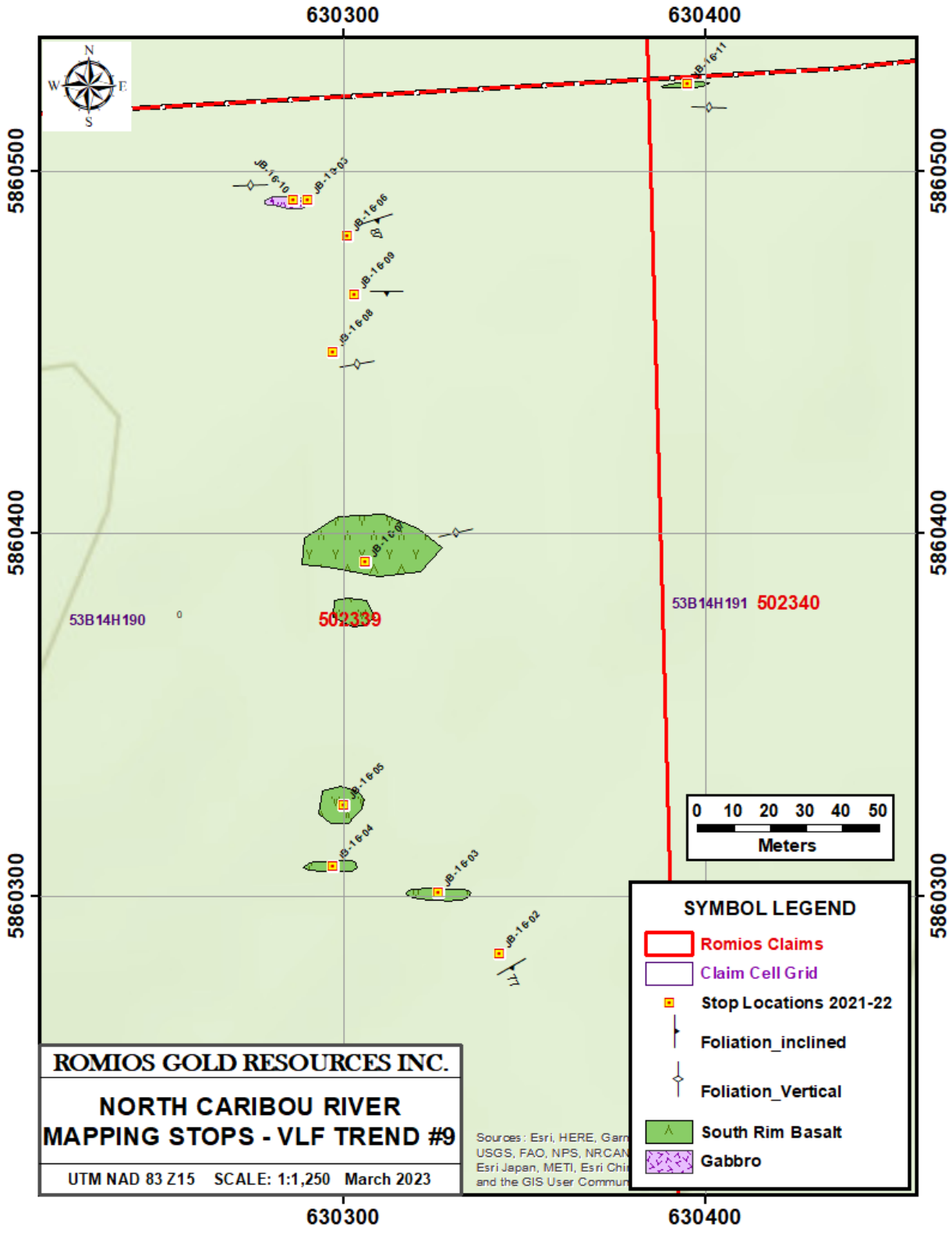

Figure 8: Geology and structure, VLF trend # 9

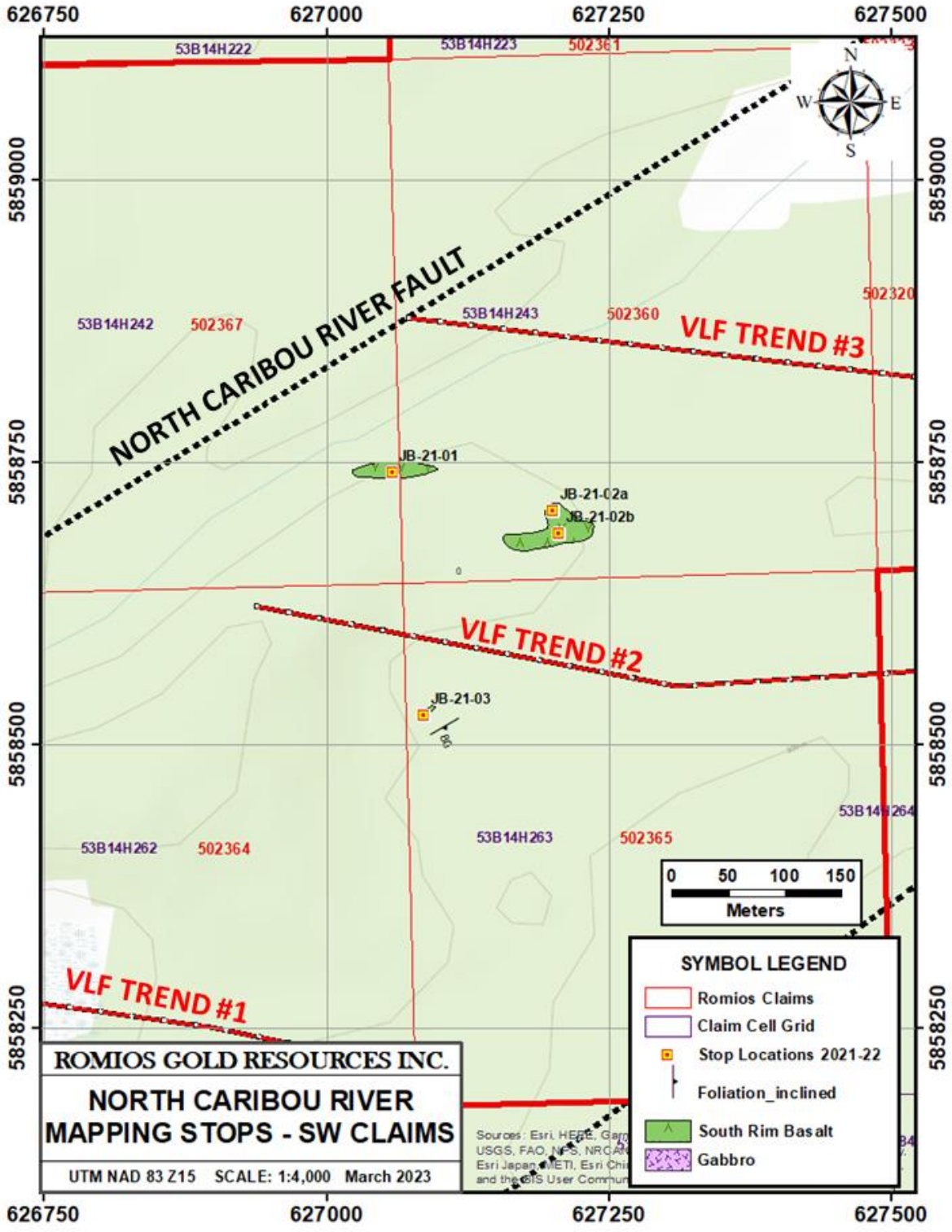

Figure 9: Mapping stop locations, SW claims

LITHOLOGIES: Almost every outcrop located during the 2021 program consisted of South Rim Assemblage basalt along with several outcrops of gabbro.

BASALT: The basalt observed to date is typically fine- to medium-grained, weathers medium green-grey on surface, and consists of roughly equal amounts of amphibole and plagioclase. It varies from massive to weakly to locally strongly foliated and verges on phyllitic in some of the outcrops closest to VLF trend #9 (i.e. within ~75 m, see Fig. 8). Alteration is minimal, however, with no significant chlorite, silicification or carbonate alteration noted so far. Quartz veining is also minor, typically they are less than several centimetres wide and widely scattered.

GABBRO: Several outcrops of gabbro up to 30 m x 15 m were found scattered throughout the area traversed in 2021-22. The gabbro is medium- to coarse-grained, consists mainly of roughly equal amounts of amphibole and plagioclase and varies from massive to moderately sheared. It is locally cut by a few small quartz veins and at one 2022 site, Stop JB 19-02 (Fig. 8), it is cut by a 30-60 cm wide, branching fault zone that is pervasively epidotized and cored by a 1-3 cm wide quartz vein with trace pyrite (Photo 1). A sample of this vein material, #1121546, proved to be barren (15 ppb Au, <0.2 ppm Ag, 148 ppm Cu; Appendix 3).

STRUCTURE:

Much of the basalt mapped south of VLF trend #9 on claim 502339 is moderately foliated and weakly-moderately sheared. The foliation strike is generally in the 60-77° range at distances >75 m from the assumed splay fault and then swings to 80-90° as the fault is approached (Fig. 8).

At 2021 Stop JB-16-03 on claim 502339 (Fig. 8), the well foliated/moderately sheared basalt exhibits sigmoidal “fish” structures that indicate dextral shear movement. This is consistent with the overall dextral sense of shear in this belt.

MINERALIZATION: No large quartz or carbonate veins, alteration zones, or significant sulphide mineralization has been located as yet in the areas targeted in 2021-22 and consequently only one rock sample has been collected for analysis. As noted above,

sample #1121546 was a chip sample across the quartz veined core of an epidotized fault cutting the gabbro at 2022 Stop JB-19-02 on claim 502340 (Photo #1) and this proved to be barren of gold, silver and copper.

Photo 1: Epidotized fault with a quartz vein core cutting gabbro at Stop JB-19-02.

The lack of observed alteration and mineralization may be due in part to the overall lack of outcrops, especially in the areas immediately overlying the suspected splay faults. The encouraging results from the soil sampling program over several of these splays would suggest that there may be some degree of mineralization beneath the overburden cover along them.

8.2 SOIL SAMPLING PROGRAM

8.2.1 Procedure

Soil sampling was conducted with the use of small shovels which were used to excavate holes typically ~30 -50 cm across and ~30 cm deep in order to collect the soil samples. The holes were backfilled once the sample was collected. Sampling was conducted along North-South lines, typically UTM grid lines 100 m apart, and samples were collected every 25 m where possible, using handheld Garmin GPS instruments for location control. Geological mapping was conducted at any outcrop noted during the soil sampling program or during traverses from the camp to the sampling sites. All sampling and mapping was done in the UTM coordinate system, specifically NAD 83, Zone 15.

As is the case of much of the North Caribou Lake area, the soil profile on the NCR claims typically consists of a thin, poorly to moderately developed humus horizon that is rarely more than 1 cm thick, and is often absent completely, lying on glacial sand. Where humus was found at a sample site, it was scraped with a trowel or knife over an area large enough to provide enough sample material to fill a standard kraft paper soil sampling bag. Every effort was made to exclude twigs, any other non-decomposed organic material, charcoal, and other material which might bias the results. The humus samples were air dried in the field before being delivered to the Actlabs facility in Thunder Bay for analysis by neutron activation for Au + 33 elements (Actlabs package 2A-15g) and copper analysis by aqua regia digestion and ICP-OES (Actlabs package 1E). Humus sample weights are not typically measured by the lab but the INNA disc prepared from the humus all weigh 15 grams. The neutron activation method is considered to be more precise and less prone to issues caused by incomplete digestion than the acid digestion-ICP methods, however, it is not suitable for copper analyses, hence the additional separate procedure 1E for copper.

If no humus was present, a sample of the upper, oxidized rusty brown-red sand layer large enough to fill a standard kraft soil sample bag was collected. The dry weight of the sample is not recorded by the lab but it is estimated to be in the 100-200 gram range on average. Typically this red sand layer begins immediately below a ~1-5 cm thick layer of leached white sand that underlies the organic layer (Photo 2), and it is about 10-20 cm thick with

local thinner and thicker variations. The red sand is most commonly underlain by white to light grey glacial sand and locally bedrock, clay or coarse till. The sand was submitted to the Actlabs facility in Thunder Bay for analysis by the Enzyme Leach method “7-EnhESE-Enhanced Enzyme Selective Extraction_ICP”. This procedure uses an enzyme to leach the iron and manganese oxide coatings from the sand grains which have adsorbed metal ions in the groundwater over the centuries and may provide an indication of any mineralization at depth in contact with the water table. The dissolved iron and manganese coatings are then analyzed by the ICP-MS method. More complete descriptions of the various analytical procedures used for this project are available on Actlabs website https://actlabs.com/

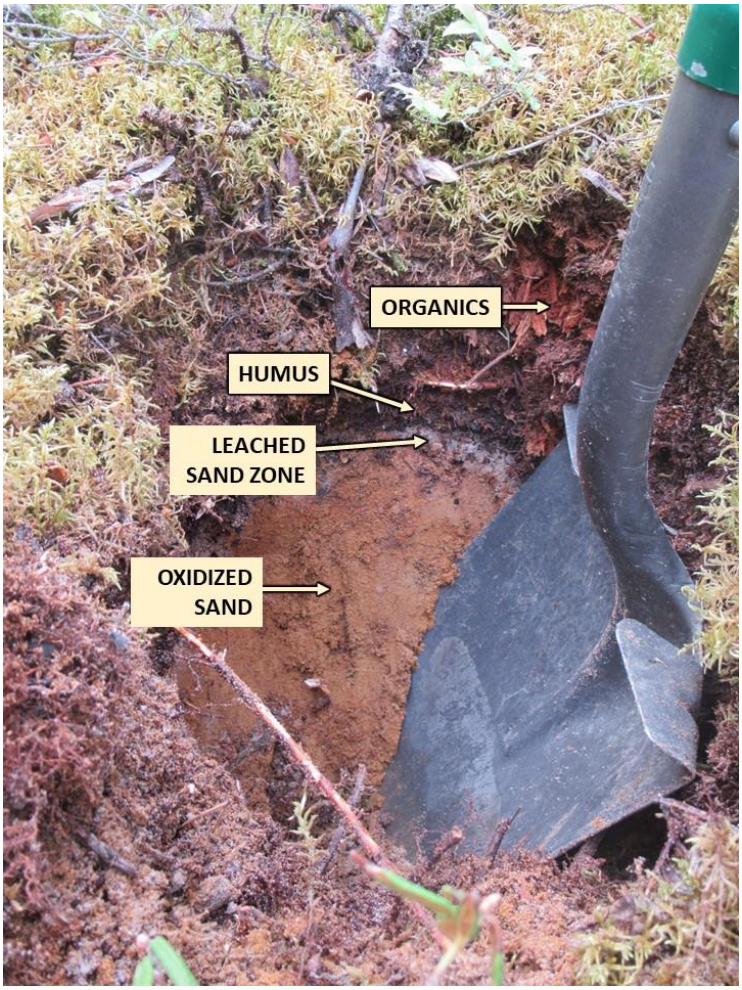

Photo 2: Typical soil profile on the NCR claims.

8.2.2 Soil Sampling Results

The results of the main metals of interest – Au, As and Cu – as well as some other elements of interest are shown on the page size figures below, broken down into 2 areas, the NE claims (VLF trends #8, 9 & 10 on claims 502331-32, 502337-40, 502349-50), and the SW claims area (VLF trends 1, 2 & 3 on claims 502320, 502360, 502363-65, 502367). Larger maps of the entire claim block with the sample numbers indicated along with the gold results are appended as Map 3 (NE targets) and Map 4 (SW targets). These maps and figures depict both the humus and sand results. The individual sample results are coded by colour and symbol size to reflect the different statistical breaks in the humus and sand data as calculated by the ArcGIS program software. These breaks were determined separately for the entirety of the humus and sand samples collected on the property (i.e. combined data from both the NE and SW target areas).

8.2.2.1 North East Claims Soil Results

The combined humus and sand sample results over VLF trends #8, 9 & 10 on claims 502331-32, 502337-40, 502349-50 in the NE part of the claim block exhibit some anomalous results that are considered encouraging signs of possible mineralization along these features and these results are generally more anomalous than those over the 3 VLF trends sampled in the SW area. The gold-in-soil results show anomalous results in both the humus and sand samples along VLF trends #9 and #10 on claims 502339-40, 502349 and 502350 (See Fig. 10).

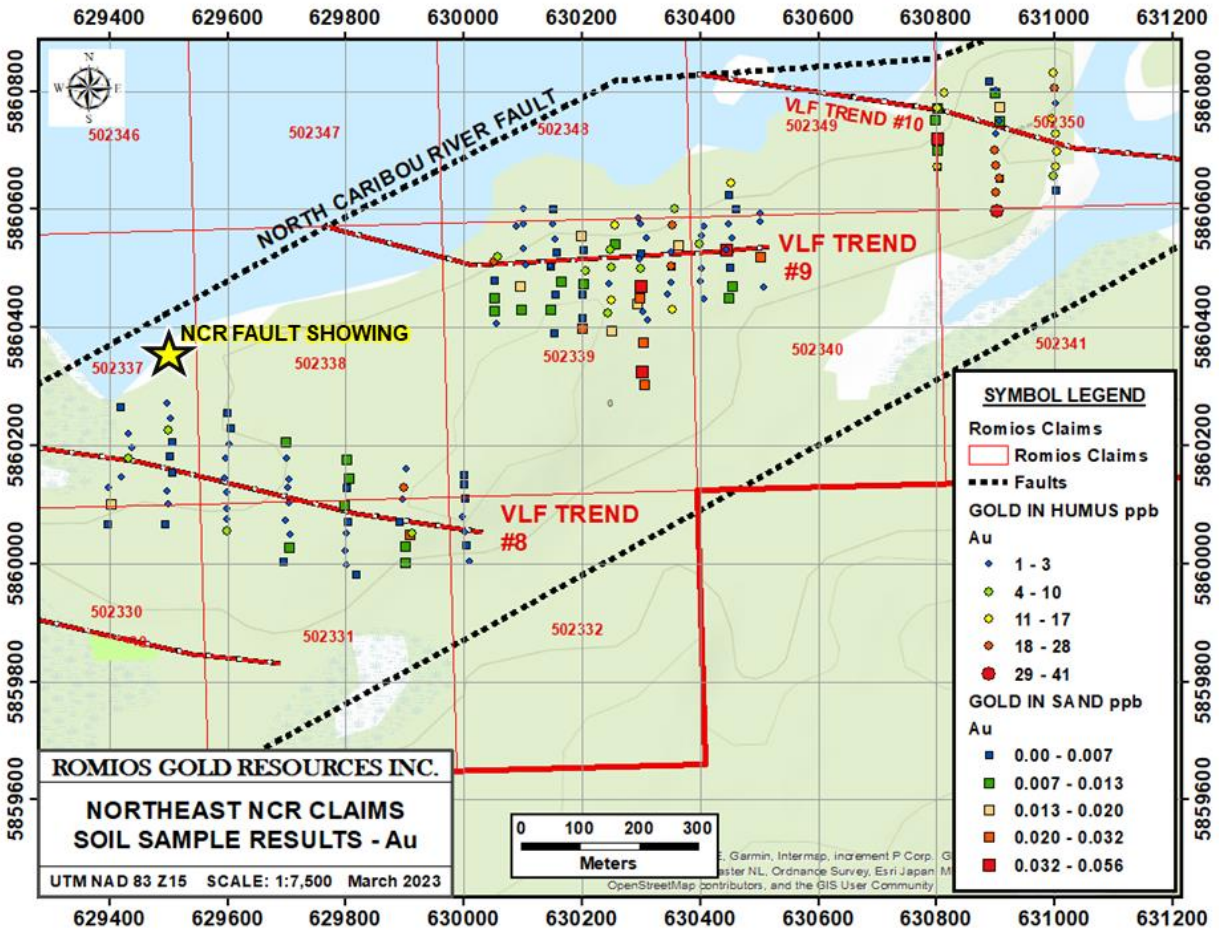

Figure 10: Gold-in-soil sample results, NE claims.

The absolute values of the gold-in-sand results are perhaps not as anomalous as they would appear from the colour and size coded points determined by the statistical breakdown in ArcGIS, e.g. the maximum value of 0.056 ppm is only about 5X the average of the 100 lowest results. However, the highest results are for the most part grouped south of VLF Trend #9 on claims 502339-40 in an area of elevated Au-in-humus results that are much more anomalous than the samples over Trend #8. The highest percentage of elevated gold-in-humus results is probably those south of Trend #10 mainly on claim #502350. The highest gold-in-soil results tend to be roughly along the axes of VLF features #9 and #10 on claims # 502339-40 and 502350 and on their southern sides, perhaps indicative of NNE to SSW directed glacial dispersion of the gold grains in the soil down-ice of the VLF trend. The Au results over Trend #8 were generally not anomalous.

One of the most anomalous metals in the northeast sector soil results, and somewhat unexpectedly so, was antimony (See Fig. 11).

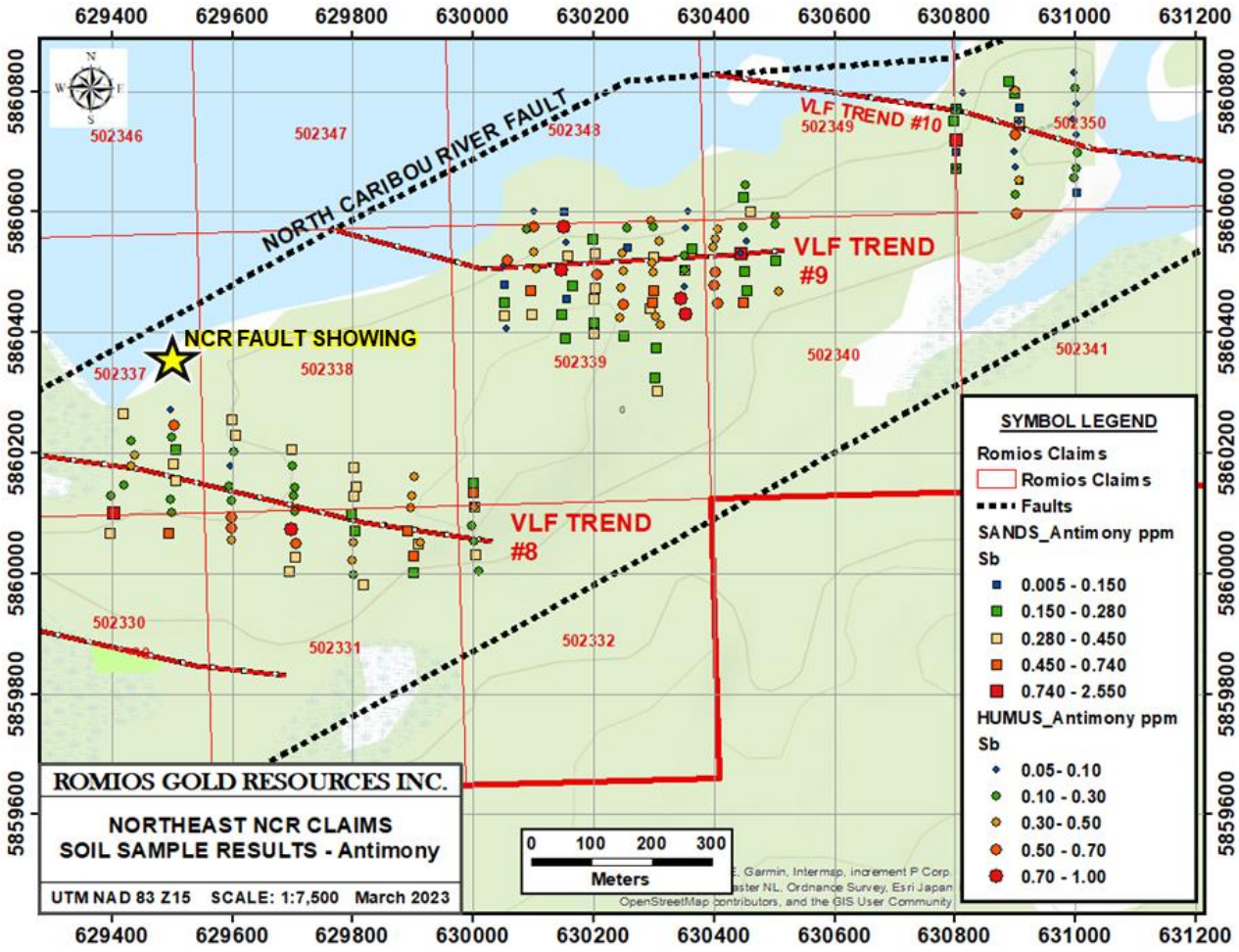

Figure 11: Antimony-in-soil results, NE claims

Anomalous Sb results up to 20-25X background were returned over portions of all 3 VLF trends, on claims 502331-32, 502337-40 & 502349-50. The majority of the higher results again occur on the south side of the VLF features. While antimony is not especially common in most Archean gold deposits in Canada, it does occur in pockets in some (e.g. the Yellowknife gold mines, NWT; Hemlo, Ontario, etc.) and is common in younger deposits in many parts of the world. Assessment reports by previous explorers in the NCR area typically include only the gold assay results, no multi-element analyses are included, consequently it is unknown whether the historic mineralization known along the NCRF

might be anomalous in Sb. The extent and strength of the Sb-in-soil results in the NE sector of the NCR claims is considered very encouraging and a potential indicator of associated gold mineralization, particularly along VLF trend #9 on claims 502339-40.

One of the more common metals associated with Archean shear-hosted gold deposits is typically arsenic and a moderate number of samples with anomalous arsenic levels were returned from all 3 VLF trends in the NE sector, especially #8 and #9 on claims 502331-32, 502337-40, and 502349 (Fig. 12). The absolute values of the higher arsenic levels in both the humus and sand samples are quite encouraging, generally >4-5 times the background with local highs of >30 times the adjacent background samples.

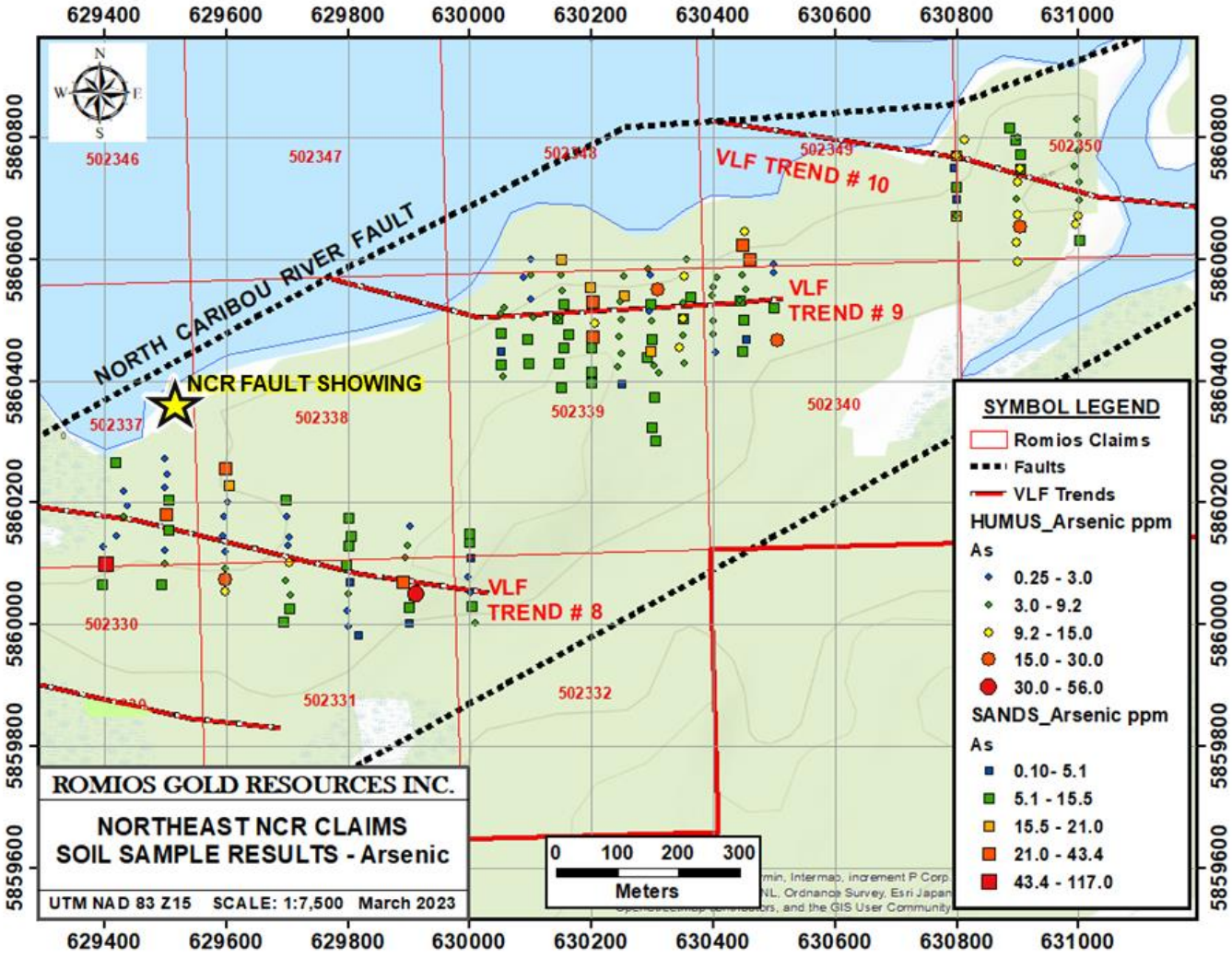

Figure 12: Arsenic-in-soil results, NE claims

Significant levels of copper mineralization are not common in most Archean gold deposits but a weak, generally persistent association with gold is known at Musselwhite, and at least one copper prospect occurs along the NCR fault. Copper-in-soil results from the NE claims area (claims 502331-32, 502337-40, 502349-50) display scattered high results but the correlation with the VLF features is somewhat weak (Fig. 13). However, the actual copper values are considered noteworthy: up to 162 ppm Cu in sands on VLF Trend #8, 97 ppm on Trend #9, 340 ppm on Trend #10, and up to 360 ppm Cu in humus on Trend #8, 335 ppm on Trend #9, and 602 ppm Cu in a sample north of Trend #9 (Fig. 13).

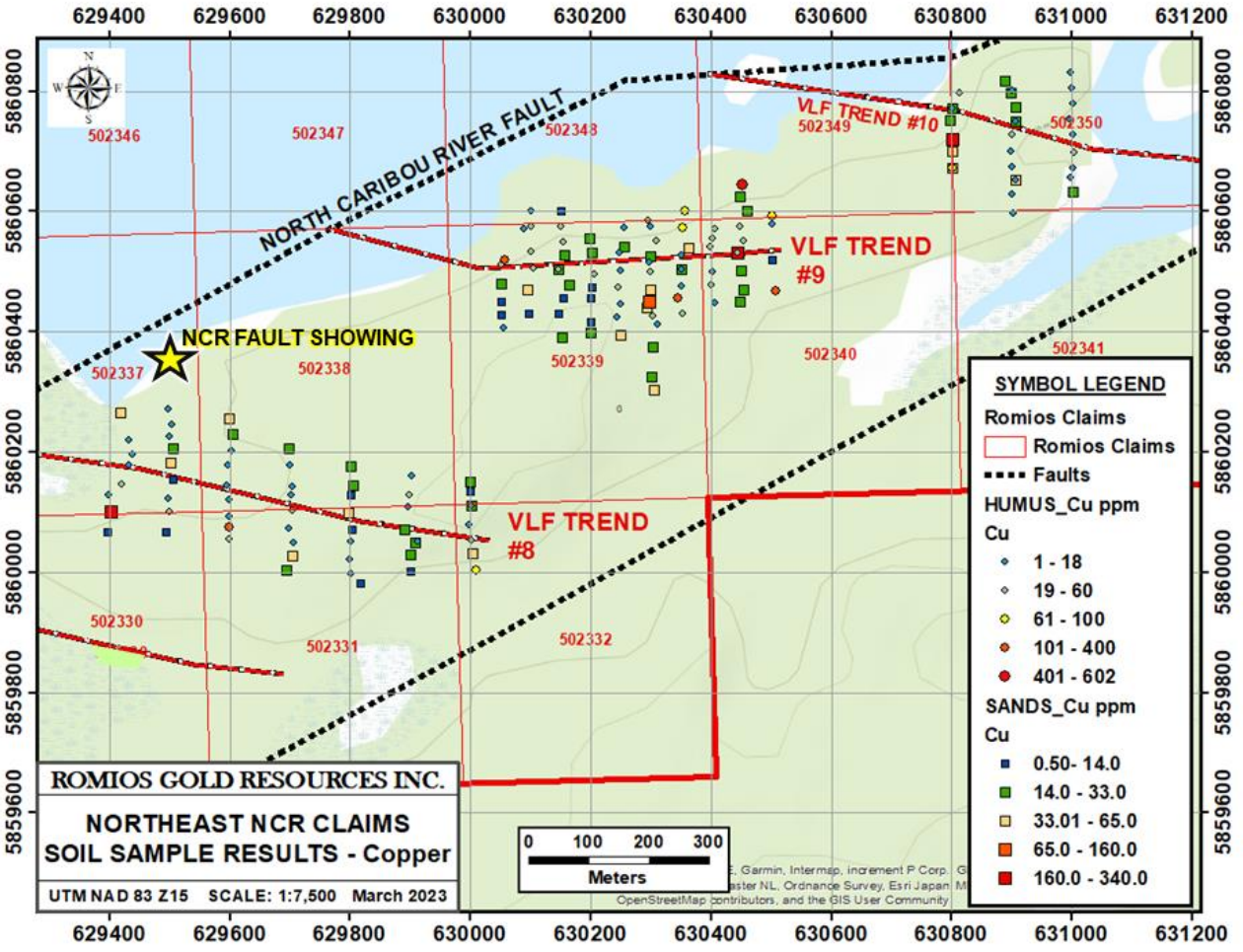

Figure 13: Copper-in-soil values, NE claims

One advantage of enzyme leach analyses of sand or other soil types is that the results include the halogen elements such as Cl, Br and Iodine. These elements may be elevated over fault structures and can also be used to detect the core of mineralized zones in situations where the non-gaseous elements have been displaced due to various soil geochemical reactions (e.g. the formation of an acidic zone above orebodies due to oxidation of the sulphides). The chlorine-in-sand results from the NE claims show a strong anomaly along and south of VLF trend #9 on claims 502339 and 502340, and scattered highs south of #8 on claims 502330-21 and #10 on claims 502349-50. The width and continuity of the Cl anomaly over Trend #9 is particularly noteworthy and might suggest that there is more than one fault present.

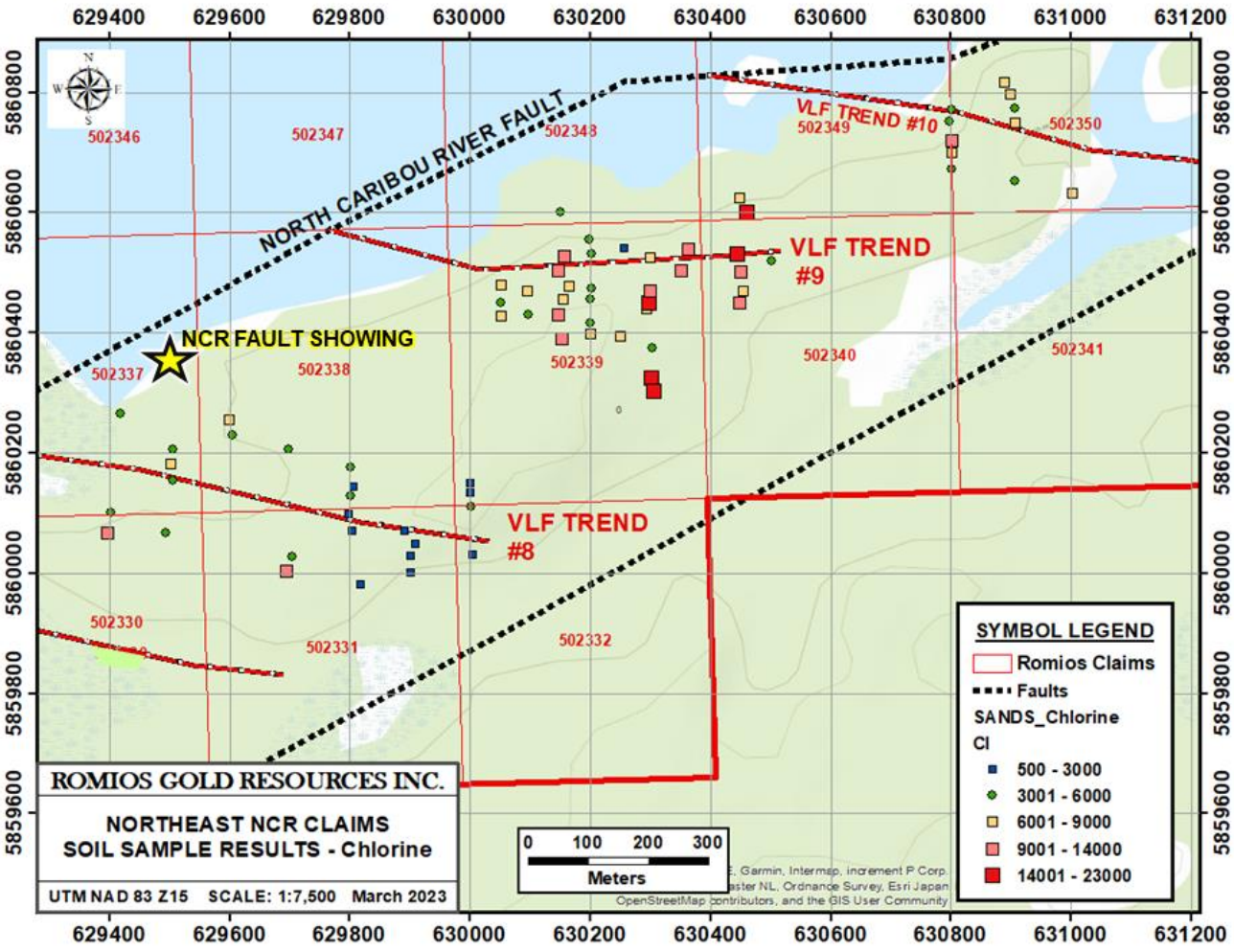

Figure 14: Chlorine-in-soil results, NE claims.

The lanthanum content in both humus and sand samples showed a wide range of values over the NE targets on claims 502331-32, 502337-40, 502349-50 with multiple anomalous results along the axes of the 3 VLF features #8, 9 and 10, as well as on their southern flanks (Fig. 15). Rare Earth elements such as lanthanum may reflect the presence of weathered, decomposed sulphide minerals in the soil samples or the underlying bedrock, and consequently, elevated levels like these are an encouraging sign of potential sulphide mineralization. The lanthanum levels over the 3 NE targets are substantially higher than those over the three SW targets on claims 502320, 502360, 502363-65.

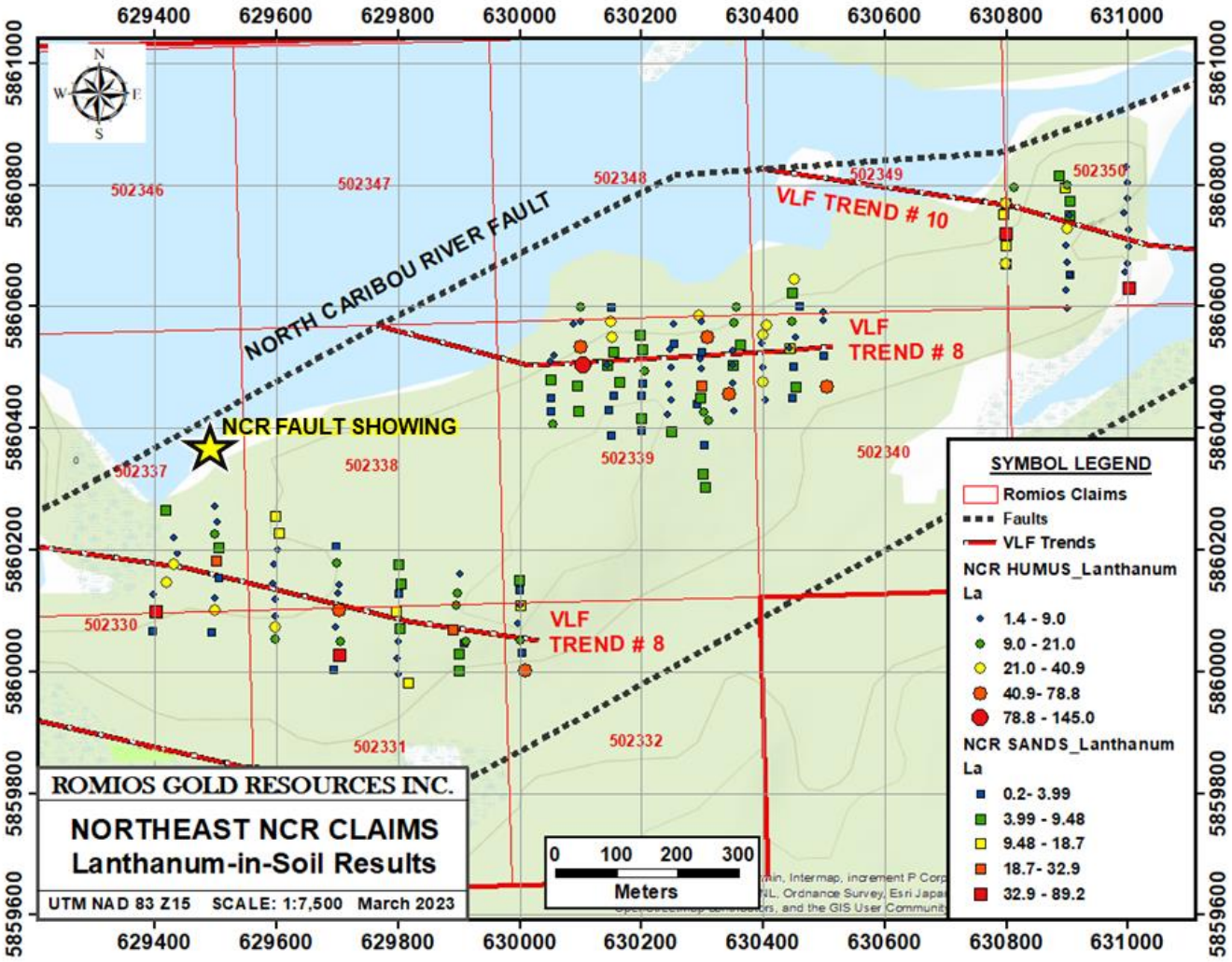

Figure 15: Lanthanum-in-soil results, NE claims

The other elements in the INAA humus analyses and enzyme leach results from the sand samples generally did not show any systematic anomalies over the VLF trends in the NE claims and consequently have not been plotted up in this report.

8.2.2.2 South West Claims Soil Results

The SW group of VLF trends (#1, 2 and 3 on claims 502320, 502360, 502363-65, 502367) overlap 2 historic drill holes collared at ~45° dips by Power Explorations Inc. in 1988 (Fig. 16) (North, 1988). Hole RL-88-023, on claim 502360, was collared in mafic volcanics and intersected a mixed package of sheared ultramafic schist, BIF, and sheared silicified greywacke with up to 5% pyrite to the end of the hole at 608 ft. (185 m). No significant assays were reported from this hole and it may not have been drilled far enough to intersect the main NCR fault. Hole RL-88-024, on claim 502364, also collared in mafic volcanics to a depth of 34 m and then drilled through BIF, siltstone and ultramafic schist to a depth of 257 ft. (78 m), followed mainly by variably sheared and silicified quartz-sericite schist with up to 5% disseminated pyrite to the end of hole at 817 ft (249 m). It would appear from the collar location and hole length that this hole did drill through the main NCR fault but that is not entirely clear from the drill log. The only slightly noteworthy assays from this hole was from the 97.4-102.4 ft (29.7-31.2 m) interval which assayed 0.03 oz/t Au over 5 ft. (1.5 m). Hole #RL-88-025 was drilled to the NW from what is now the SW boundary of the Romios claim block, on claim # 502363, and intersected a similar sequence of units as in hole RL-88-24, i.e. mafic volcanics, and ultramafics with thin BIF layers, followed by ~340 ft (103 m) of quartz-sericite schist to the EOH. No significant assays were reported from this hole. With the possible exception of hole RL-88-23, it would appear unlikely that any of the 3 holes drilled in the SW area would have intersected any of the VLF tends/presumed splay faults identified by Romios' 2020 airborne VLF survey.

Soil sampling over VLF Trends #1, 2 and 3 in the SW sector of the claims (on claims 502320, 502360, 502363-65, 502367) was hindered by the presence of swamps over some of the target areas, e.g. the centre of Trend #1 and the eastern portions of Trends #2 and #3 (See Fig. 16).

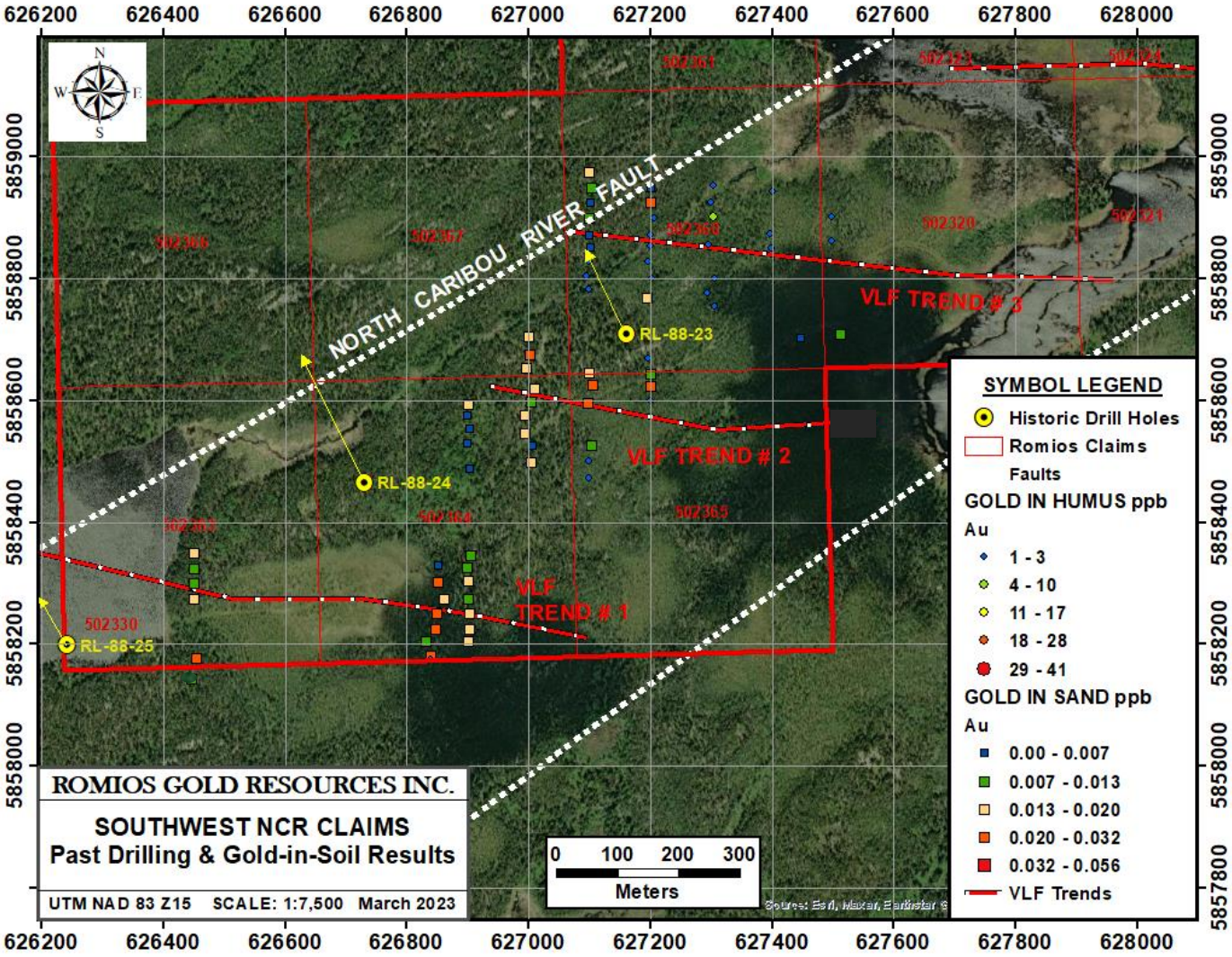

Figure 16: Historic drilling and Romios' gold-in-soil sample results, SW claims

The gold-in-soil results over the three SW targets on claims 502320, 502360, 502363-65, 502367 are plotted on Figs. 16 and 17. As noted above, sampling over these Trends #1, 2 and 3 is intermittent due to the presence of several swamps and the majority of the samples collected over #1 and #2 are sand samples due to a lack of humus in these areas. Although the gold-in-sand results have been divided along statistical breaks that at first glance appear anomalous, the absolute values are not particularly high, generally ≤ 5X the average background. There are no appreciably anomalous gold-in-humus results in this area that would have supported the sand results, possibly due in part to the lack of humus samples over Trends #1 and #2 on claims 502363-65.

Overall the gold-in-soil levels over the SW targets appear to be much lower than the NE targets, but again, this may be due to sampling issues.

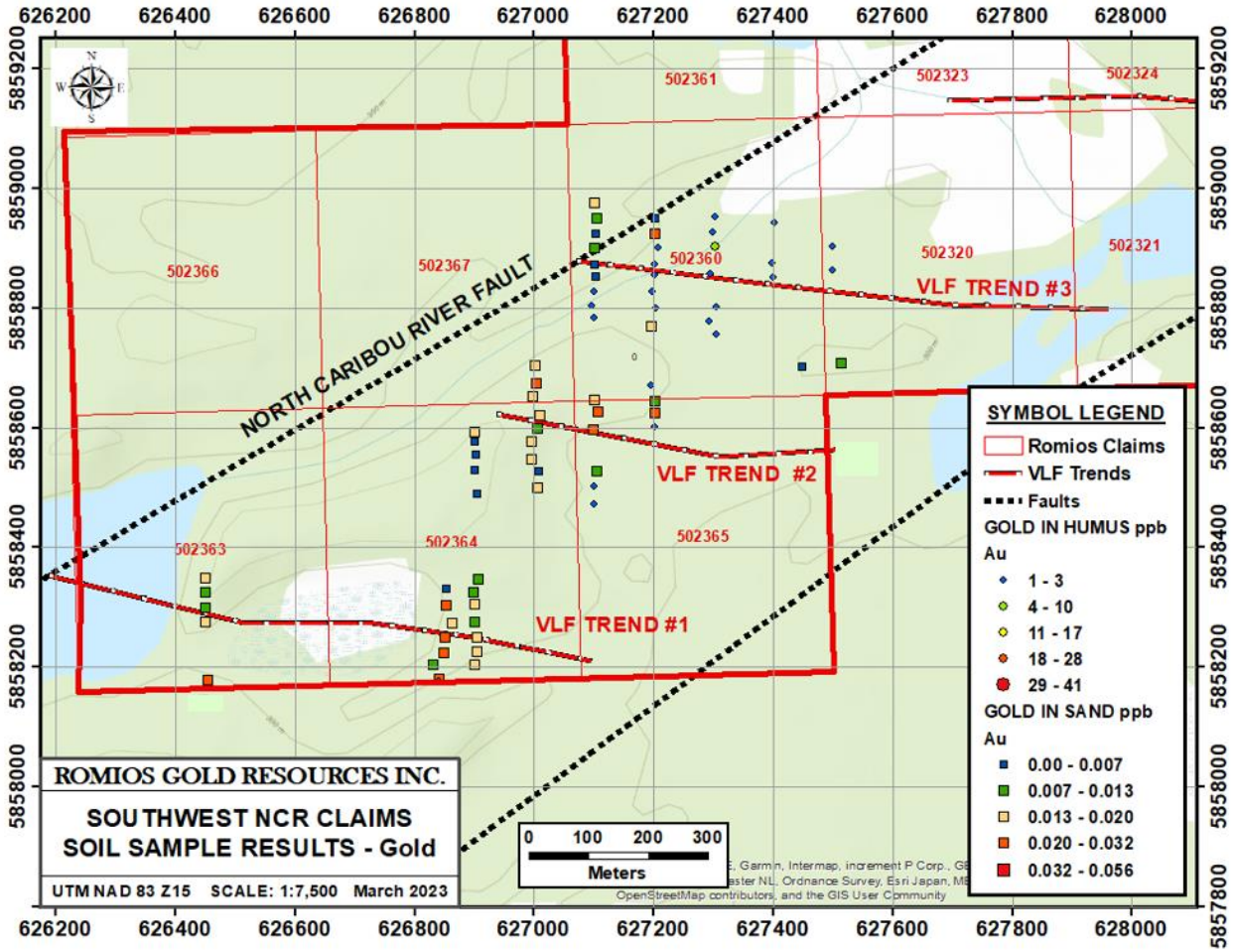

Figure 17: Gold-in-soil results, SW target area.

Unlike the antimony-in-soil results from the VLF targets in the NE sector, the results from the 3 targets in the SW sector on claims 502320, 502360, 502363-65, 502367 are generally weak with only a few scattered high values in the humus and several moderate values in the sand samples (see Fig. 18).

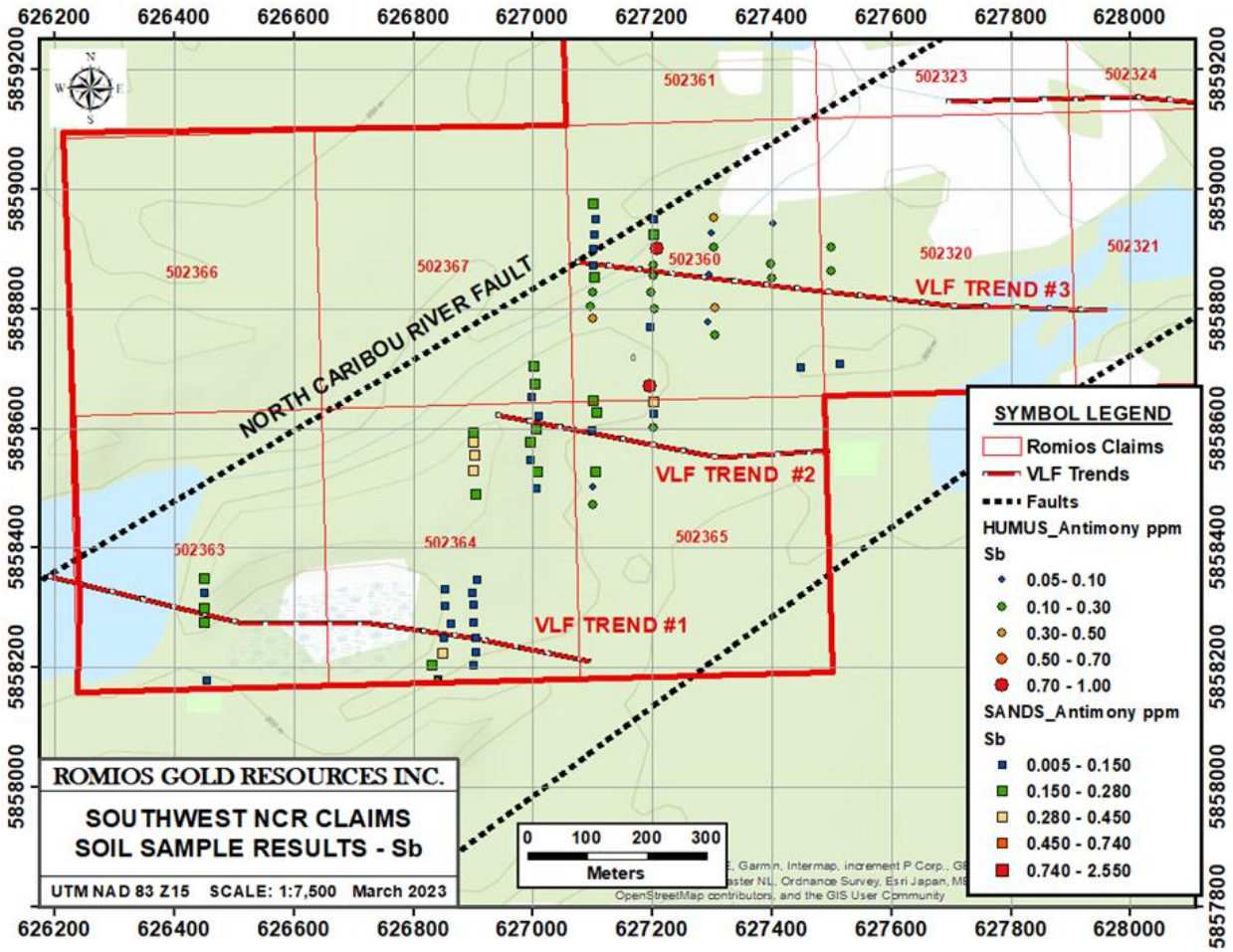

Figure 18: Antimony-in-soil results, SW target area

The arsenic-in-soil results over the 3 SW VLF targets on claims 502320, 502360, 502363-65, 502367 are also quite low overall, with only a single high value (56 ppm) and 2 moderate values (both 26 ppm) in humus, all over the western end of VLF Trend #3 on claim 502360 (Fig. 19). These 3 anomalous results are aligned parallel to the main NCR

Fault zone which is located <75 m to the NW and it is possible that the arsenic may have been dispersed from that structure by glacial movement. No anomalous arsenic results were detected in the sand samples.

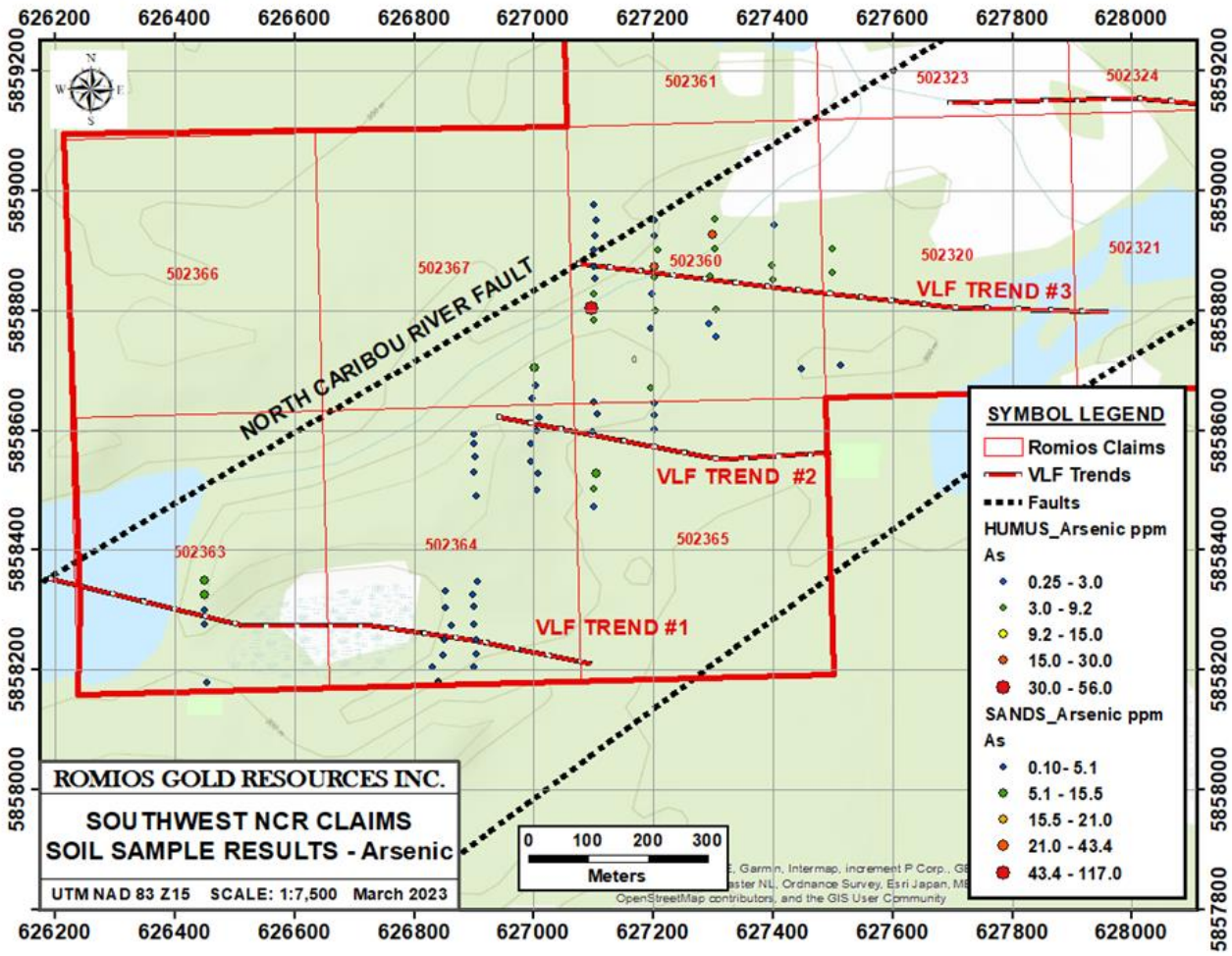

Figure 19: Arsenic-in-soil results, SW target area

The copper-in-soil results over the three SW targets were also weak with no significantly anomalous results and no area of consistently elevated results (Fig. 20).

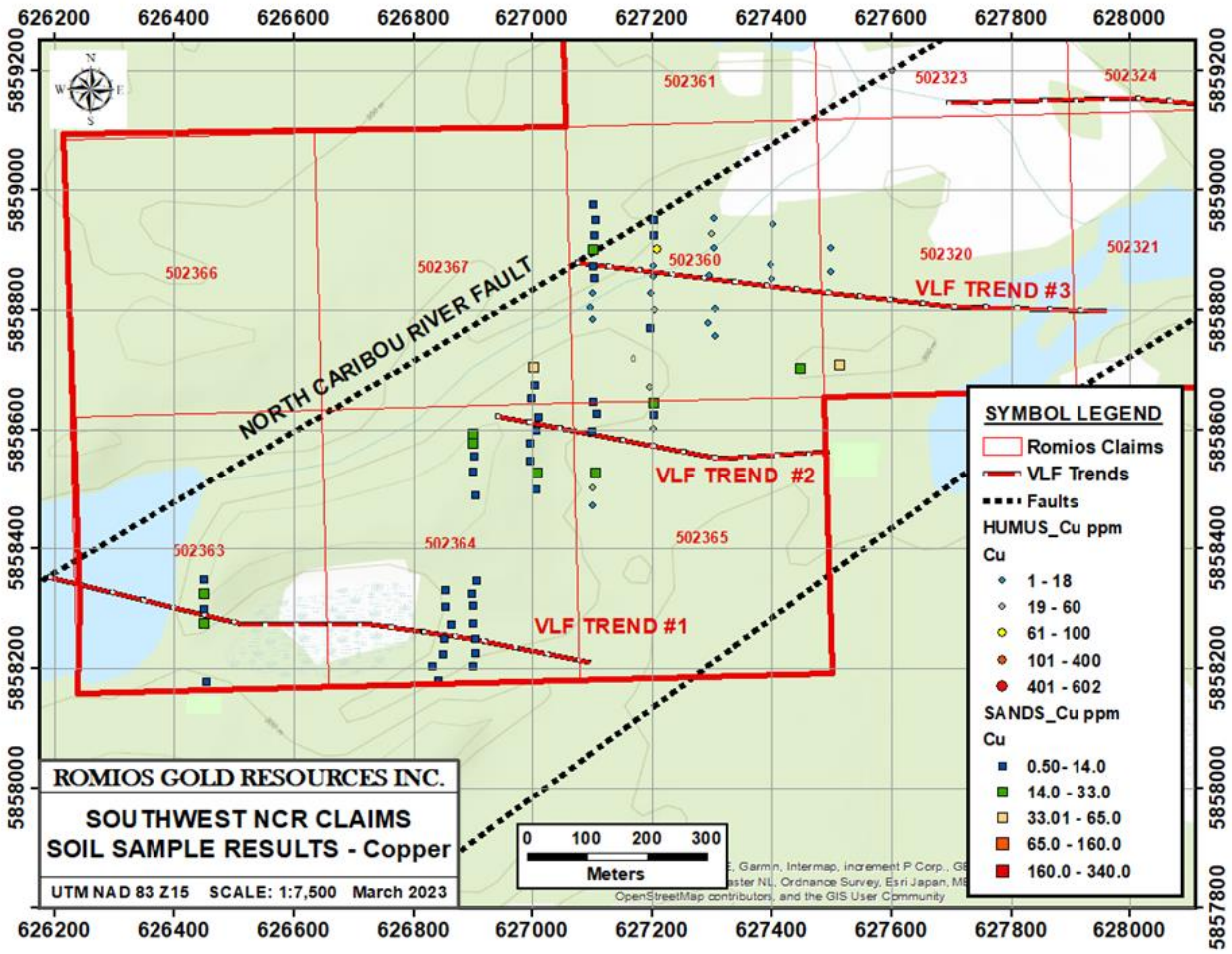

Figure 20: Copper-in-soil results, SW target area

The chlorine-in-sand results from the SW targets on claims 502320, 502360, 502363-65, 502367 are also significantly weaker than the results over the NE targets (Fig. 21). No well defined areas of anomalous chlorine levels was detected and no spot highs of significance were noted. Again, this may be due in part to a lack of suitable sample material over large sections of these VLF trends, particularly in the western portions of Trends #1 and #2 on claims 502363-64 and 502367 where they are closer to the main NCR Fault.

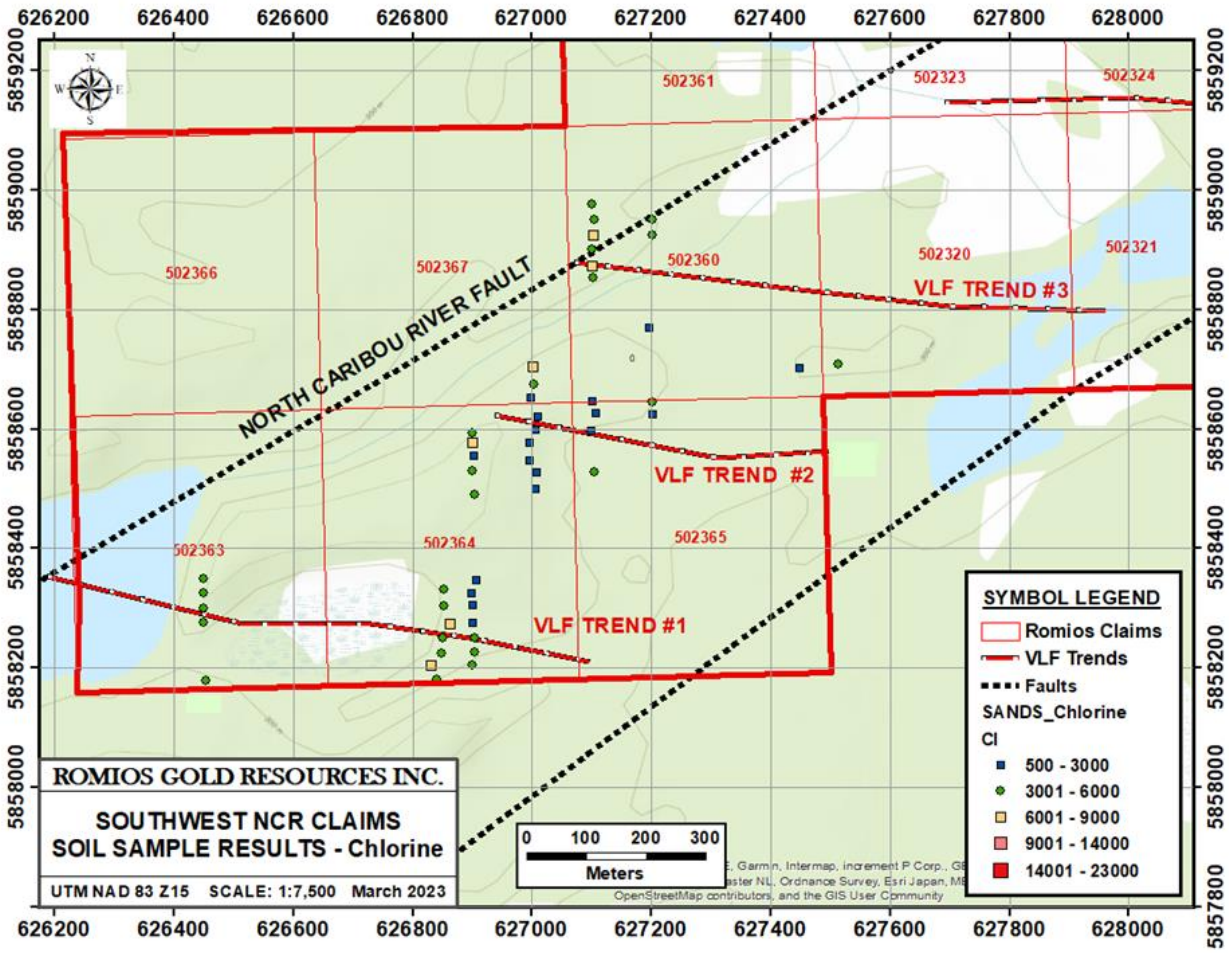

Figure 21: Chlorine-in-sand results, SW target area.

9 CONCLUSIONS

The North Caribou River claims were acquired by Romios on the premise that the area had unrealized potential for gold mineralization in a series of hypothesised splay faults connecting the major regional North Caribou River Fault and a largely undocumented parallel fault located 700 m to the south. Romios' 2020 airborne VLF survey outlined a series of 10 apparent E-W structures between these 2 main faults and the E-W VLF features were assumed to reflect splay (i.e. second order) faults (Fig. 6). In many gold

camps, such second-order faults are often much better hosts for gold mineralization than the main first-order faults as they are more extensional in nature and provide better conduits for mineralizing fluids.

The geological field work conducted so far on the NCR claims has supported the premise that splay faults exist between the 2 main faults. Geological mapping in the area of VLF Trend #9 on claim 502339 detected a change in the foliation strike direction as the presumed fault location is approached. The foliation ~100-200 m south of VLF Trend #9 strikes NE and this swings to an E-W direction as the E-W trace of the VLF feature is approached (See Fig. 8).

Soil sampling has now been completed over the 3 northeastern VLF trends (#8, 9 and 10 on claims 502331-32, 502337-40, 502349-50) and 3 southwestern VLF trends (#1, 2 and 3 on claims 502320, 502360, 502363-65 and 502367). These samples have returned encouraging anomalous results over the northeastern VLF targets. The results over the 3 SW targets were generally weak, in part possibly due to the lack of humus in key areas:

VLF Trend #10 on claims 502349-50: Extensive Au, Sb anomalies, moderate As and La anomalies, spotty Cu and Cl anomalies

VLF Trend #9 on claims 502338-40 and 502348-49: Extensive Au, Sb, As and Cl anomalies, moderate La anomalies, spotty Cu and Cl anomalies

VLF Trend #8 on claims 502330-31 and 502337-38: Only minor Au and Cu anomalies, extensive Sb anomalies, moderate As and La anomalies, spotty Cl anomalies.

VLF Trend # 3 on claims 502360 and 502320: Minor gold anomalies (but all in sand samples)

VLF Trend # 2 on claims 502364-65 and 502367: Moderate gold anomalies (but all in sand samples)

VLF Trend # 1 on claims 502363-64: Local moderate gold anomalies (but all in sand samples)

The combination of Au, Sb, As, La, Cl and Cu anomalies over the 3 NE VLF targets on claims 502331-32, 502337-40 and 502349-50 is considered promising and potentially indicative of gold mineralization along these presumed faults.

10 RECOMMENDATIONS

Based on the results of the 2021-22 work, the following program is now recommended:

1) Where possible, complete the detailed mapping and soil sampling over the 4 remaining VLF features (#4, 5, 6 and 7 on claims 502320-22, 502323-25 and 502329-30) that are suspected of reflecting splay faults.
2) Conduct ground VLF surveys over the VLF trends with the best soil anomalies in order to pin-point the location of the underlying fault structures.
3) Attempt to locate areas of suitable topography along the most geochemically anomalous VLF trends where the overburden thickness appears to be minimal and outcrops may be present at shallow depths. If suitable areas can be located, hand trenching should be carried out in an effort to locate mineralized fault material, either in outcrop or the overlying soil. A combination of the soil anomalies, clearly defined faults, and mineralized fault rocks may be sufficient to justify drill testing.
4) Undertake detailed mapping and lithogeochemical sampling of the Center Lake area (Claims 502334, 502343, 502353). Past workers have identified prospective rock types in this area (e.g. BIF, quartz porphyry units >300 m wide, a sericite-hematite-chlorite-pyrite zone, etc.) but only minor mineralization. The 2020 geophysical survey may be of use in tracing some of these units and developing targets in this area.
5) Complete detailed mapping of the main NCRF and parallel fault zones where possible to improve our understanding of the controls on mineralization in this area. The 2020 VLF-Magnetic survey may be useful in defining jogs in these faults with greater potential for mineralization than the straight sections.

The expected cost of the proposed program is approximately $30,000 and will require a crew of 4 for a period of about 2 weeks.

Respectfully submitted,

John Biczok, P.Geo., H.B.Sc.

April 12, 2023

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12 AUTHOR'S CERTIFICATE

STATEMENT OF QUALIFICATIONS

I, John Biczok, of the city of Greely, Ontario, do hereby swear and affirm that:

1. I am a Professional Geologist registered in good standing with Professional Geoscientists Ontario (since 2007).

2. I have an Honours B.Sc. degree in Geology from Lakehead University in Thunder Bay, ON.

3. I was employed as an exploration geologist by several major mining companies on a full-time basis from 1979 to 2003 throughout central and western Canada and much of India. From 2003 to March 2015 I was employed as a geologist at the Musselwhite gold mine, initially as a project geologist, followed by a senior exploration geologist position and then as senior research geologist. Since August 2016 I have been employed on a part-time basis by Romios Gold Resources Inc.

4. I currently serve as Vice President of Exploration for Romios Gold Resources Inc. and personally took part in and supervised the geological work described in this report.

5. My only financial interest in Romios Gold Resources Inc. as of this date is a number of vested and pending stock options and a small share position. I have no personal interest in the claims described herein.

Signed: 

Date: April 12, 2023

Table 4: Abbreviations used in this report

ABBREVIATIONS USED IN THIS REPORT			
MINERALS & ROCK TYPES		**GRAIN SIZE**	
amph	amphibole	f.g.	fine-grained
amph'd	amphibolitized	m.g.	medium-grained
Asp	arsenopyrite	c.g.	coarse-grained
bio	biotite		
bio'd	biotitized	**TEXTURES & FEATURES**	
bio'n	biotitization	alt'd	altered
Cc	calcite	alt'n	alteration
Cp	chalcopyrite	brx'd	brecciated
Dol	dolomite	fol'n	foliation
Fd	feldspar	fol'd	foliated
gar or gnt	garnet	frags	fragments
Hbl	Hornblende	mod	moderate
metaseds	metasediments	phenos	phenocrysts
Mt	magnetite	Sil'n	silicification
Plag	plagioclase	Sil'd	silicified
Po	pyrrhotite	Str	strong
Py	pyrite	Vn	vein
Qtz	quartz	Wk	Weak
QV	quartz vein		
seds	sediments		
Ser	sericite		
Staur	staurolite		
MISCELLANEOUS			
assoc'd	associated	LC	Lower Contact
avg	average	UC	Upper contact
b/w	between	0/c	Outcrop
dca	degrees to core axis	oxid'd	oxidized
deg	degrees	Prob	Probable
homog	homogeneous	Poss	Possible
hetero	heterogeneous	//	Parallel
hum	humus		

APPENDIX ONE:

DESCRIPTION OF GEOLOGICAL MAPPING STOPS

STOP	CLAIM #	Date	Easting	Northing	Area	Rock Type	Description	Sample	Foliation_ Strike	Foliation_ Dip
JB-16-01	502339	June 16, 2021	630383	5860201	VLF target #9	Gabbro	Either ~f.g. gabbro or a coarse basalt. ~equal Hbl-Plag grains1-2mm, no obvious foliation. 1x1m o/c, one small Qtz Vein <20 cm long.			
JB-16-02	502339	June 16, 2021	630343	5860284	VLF target #9	Basalt	Very f.g., med-green on surface, well foliated to sheared basalt, almost schistose, phyllitic. Foliation is strong, wavy and variable +/- 10 deg, dips south. O/c 1 m x 0.5 m.		60	77 SE
JB-16-03	502339	June 16, 2021	630326	5860301	VLF target #9	Basalt	More very f.g., med green basalt, well foliated/mod sheared. with a well developed sigmoid "fish" ~10 cm thick, indicates dextral shear. Outcrop is 20m E-W by 5 m N-S. One small QV 3 cm x 20 cm.			
JB-16-04	502339	June 16, 2021	630297	5860308	VLF target #9	Basalt	More of the well foliated/weakly sheared basalt, still looks "dry", no obvious hydrothermal alteration. O/c is 15 m E-W, 3 m N-S			
JB-16-05	502339	June 16, 2021	630300	5860325	VLF target #9	Basalt	Same well foliated basalt as before. O/c >10x10m covered by white moss.			
JB-16-06	502339	June 16, 2021	630301	5860482	VLF target #9	Basalt	Well foliated to sheared/phyllitic med green weathering basalt with pitted surface due to weathering. Exposed under fallen tree, ~2x2 m. Qtz vein 7 cm x >2m long, parallel to foliation, no obvious alteration or sulphides. Prob dextral. Fol'n steep dip to south.		72	87 S
JB-16-07	502339	June 16, 2021	630306	5860392	VLF target #9	Basalt	Large area of basalt under thin moss cover. Same well foliated/weak-mod sheared unit.		77	90
JB-16-08	502339	June 16, 2021	630297	5860450	VLF target #9	Basalt	Light green weathering, ~phyllitic to mod foliated, basalt. Very f.g. 2 qtz veins 2 cm wide // to foliation. O/c 2m x 0.5 m		80	90

STOP	CLAIM #	Date	Easting	Northing	Area	Rock Type	Description	Sample	Foliation_ Strike	Foliation_ Dip
JB-16-09	502339	June 16, 2021	630303	5860466	VLF target #9	Basalt	Same well foliated to phyllitic basalt as before, very f.g., weathers med grey-green. 25 cm wide Qtz vein // to foliation with a few black anastomosing seams <5 mm. Crack and seal (?) fault fill vein. No sulphides, some light green alteration for a few cm beside vein. Foliation now 90, dips steep south.		90	87 S
JB-16-10	502339	June 16, 2021	630286	5860492	VLF target #9	Basalt	Escarpment going down to the north, ~15m high, covered in moss. Basalt, well foliated to sheared, no QV here.		88	90 S
JB-16-11	502340	June 16, 2021	630395	5860524	VLF target #9	Basalt	Escarpment/fault scarp, 10 m high, down to the north. Weakly foliated, medium grained basalt here. No Qtz veins.		92	90 S
JB-18-01	502339	June 18, 2022	630150	5860482	VLF target #9 Infill sampling	Basalt	1 m high escarpment covered in moss. Mod sheared basalt. No qtz veins or obvious alteration.		85	80 S
JB-19-01	502350	June 19, 2022	630803	5860730	VLF target #10	Basalt	Edge of 1 m escarpment dropping off to the NW. Well foliated basalt, not chloritized, still mainly f.g. amph & plag.		65	90
JB-19-02	502340	June 19, 2022	630650	5860550	East of VLF target #09	Gabbro	Long, low outcrop E-W ridge, ~30 m E-W x 15 m N-S. Composed of medium to coarse-grained gabbro. Several small scattered qtz veins <1 cm wide. Cut by a 30-60 cm wide, epidote altered branching fault zone with 1-3 cm wide qtz vein along the middle, Tr Pyrite in Qtz and the wallrock but barren.	**1121546**	70	
JB-19-03	502339	June 19, 2022	630290	5860492	VLF target #09	Gabbro	>50m long escarpment 4 m high. Mod sheared gabbro.		85	80
JB-21-01	502367	June 21, 2021	627058	5858742	VLF target #3 (3rd from the south)	Basalt	4 m escarpment of mod sheared basalt, goes downhill to north. Outcrop broken up and slumped. No Qtz Veins in limited exposures.		71	
JB-21-02a	502360	June 21, 2021	627200	5858708	VLF target #3 (3rd from the south)	Basalt	Start of low, moss covered escarpment of basalt			

STOP	CLAIM #	Date	Easting	Northing	Area	Rock Type	Description	Sample	Foliation_ Strike	Foliation_ Dip
JB-21-02b	502360	June 21, 2021	627206	5858688	VLF target #3 (3rd from the south)	Basalt	Semi-continuous basalt from 21a to here. Goes west >50 m and east 20 m @ 72 deg.			
JB-21-03	502365	June 21, 2021	627086	5858527	VLF target #3 (3rd from the south)	Basalt	Basalt, low ridge >20 m E-W x 4 m N-S, Wavy, moderate foliation.		60	80 SE

APPENDIX TWO:

2021 & 2022 SOIL SAMPLE DESCRIPTIONS &

MAIN ANALYTICAL RESULTS

NB:

- Sand sample results are from Enzyme Leach analyses, all values are in ppm.
- “WS” = White Sand.
- All depth and thickness measurements are in cm.
- Sampler Names: *JB=John Biczok, DT=Dan Thomson, MT=Matthew Poirier HT=Hanna Tiitto, KK=Kieran Kristoffersen*
- INAA = Analysis by Neutron Activation, ICP = Inductively Coupled Plasma

SAND SAMPLE DETAILS

SAMPLE	Date	Sampler	TYPE	Northing	Easting	Horizon_ Thickness	Sample Depth	Unit_Above	Unit_Below	Colour	Sand	Clay	Organics	Wet_ Dry	Trees	COMMENTS	Claim #
NCR-001	June 16, 2021	JB	Silt	5860303	630305	15	20	Moss/15	Rock	Red-brown	100% silt			Dry	Spruce	Oxid'd Silt, basalt nearby	502339
NCR-002	June 16, 2021	JB	Sand-silt	5860325	630300	10	30	moss/20	Rock	Red-brown	50% silt	50%		Damp	Spruce	Outcrops N and S	502339
NCR-003	June 16, 2021	JB	Sand	5860374	630303	20	30	Moss/2-	Rock	Red-brown	80% silt	20%		Dry	Spruce		502339
NCR-006	June 16, 2021	JB	Sand	5860440	630292	15	20	Moss/20	Rock	Red-brown	80% silt	20%		Damp	Spruce		502339
NCR-007	June 16, 2021	JB	Sand	5860450	630297	10	30	Moss	Rock_Basalt	Red-brown	80% silt	20%		Dry	Spruce	Taken from fallen tree roots	502339
NCR-008	June 16, 2021	JB	Sand	5860470	630299	10	30	Moss	Rock	Red-brown	50%	50 silt		Wet	Spruce		502339
NCR-011	June 16, 2021	JB	Sand	5860526	630298	10	10	Moss	Gravel	Brown/grey	100%	Trace	Nil	Dry	Poplar-Spruce	Large pebbles	502338
NCR-022	June 16, 2021	JB	Sand	5860520	630500	>10	20	Moss/15	Sand	Beige	90%	Trace	10%	Dry	Spruce		502340
NCR-024	June 16, 2021	JB	Sand	5858331	626851	20	15	Moss/10	White sand	Orange-red	100	Trace	Nil	Dry	Spruce		502364
NCR-025	June 16, 2021	JB	Sand	5858303	626851	>15	20	Moss/10, White sand 10	?	Orange-red	100	Trace	Nil	Damp	Spruce		502364
NCR-026	June 16, 2021	JB	Sand	5858274	626862	>20	20	Moss/10, White sand 5	?	Orange-red	100	Trace	Nil	Damp	Spruce		502364
NCR-027	June 16, 2021	JB	Sand	5858250	626850	>20	30	Moss/10, White sand 10	?	Orange-red	100	Trace	Nil	Damp	Spruce		502364
NCR-028	June 16, 2021	JB	Sand	5858225	626847	>20	30	Moss/10, White sand 10	?	Med Orange-red	95	5	Nil	Damp	Spruce		502364
NCR-029	June 16, 2021	JB	Sand	5858205	626831	>20	30	Moss/12, White sand 7	?	Bright Orange-red	100	Trace	Nil	Damp	Spruce		502364
NCR-031	June 16, 2021	JB	Sand	5858181	626840	>10	35	Moss/6, WS 10	?	Orange-red	100	Trace	Nil	Damp	Spruce		502364
NCR-032	June 16, 2021	JB	Sand	5858205	626900	>15	25	Moss/20	?	Med Orange-red	100	Trace	Nil	Damp	Spruce		502364
NCR-033	June 16, 2021	JB	Sand	5858226	626903	>20	20	Moss 10.WS 4	?	Orange-red	100	Trace	Nil	Dry	Spruce		502364
NCR-034	June 16, 2021	JB	Sand	5858250	626903	>20	25	Moss 15.WS 12	?	Red-orange	100	Trace	Nil	Dry	Spruce		502364
NCR-035	June 16, 2021	JB	Sand	5858275	626900	>20	25	Moss 15.WS 12	?	Red-orange	100	Trace	Nil	Dry	Spruce		502364
NCR-036	June 16, 2021	JB	Sand	5858305	626900	>20	20	Moss 10.WS 7	?	Red-orange	100	Trace	Nil	Dry	Spruce		502364
NCR-037	June 16, 2021	JB	Sand	5858326	626898	>20	25	Lichen 2, WS 10	?	Red-orange	100	Trace	Nil	Dry	Spruce		502364
NCR-038	June 16, 2021	JB	Sand	5858347	626905	>20	25	Moss/10	?	Red-orange	100	Trace	Nil	Dry	Spruce		502364
NCR-043	June 21, 2021	JB	Sand	5858853	627102	>20	25	12 moss, 7 WS	?	Red-orange	100	Trace	Nil	Damp	Spruce	coarse sand	502360
NCR-044	June 21, 2021	JB	Sand	5858873	627100	>20	25	12 moss, 7 WS	?	Red-orange	100	Trace	Nil	Damp	Spruce	coarse sand	502360
NCR-045	June 21, 2021	JB	Sand	5858900	627100	>20	25	12 moss, 7 WS	?	Red-orange	100	Trace	Nil	Damp	Spruce	finer sand	502360
NCR-046	June 21, 2021	JB	Sand	5858925	627102	>20	25	10 moss, 10 WS	?	Brown	100	Trace	Nil	Damp	Spruce>Poplar		502360
NCR-047	June 21, 2021	JB	Sand	5858950	627104	>20	25	10 moss, 10 WS	?	Red-orange	100	Trace	Nil	Damp	Poplar>Spruce		502360
NCR-048	June 21, 2021	JB	Sand	5858975	627100	>20	25	5 moss, 12 WS	?	Red-orange	100	Trace	Nil	Damp	Poplar>Spruce		502360
NCR-050	June 21, 2021	JB	Sand	5858950	627200	>20	25	10 moss, 5 WS	?	Red-orange	100	Trace	Nil	Damp	Spruce		502360
NCR-051	June 21, 2021	JB	Sand	5858925	627200	>20	25	10 moss, 10 WS	?	Red-orange	100	Trace	Nil	Damp	Spruce		502360
NCR-057	June 21, 2021	JB	Sand	5858770	627195	>10	30	Peat moss	sand	Beige	100	Trace	Nil	Wet	Spruce		502360
NCR-059	June 21, 2021	JB	Sand	5858645	627200	>20	25	Peat moss 10	Boulders	Light brown	97	3	Nil	Wet	Spruce		502365
NCR-060	June 21, 2021	JB	Sand	5858625	627200	>20	25	Peat moss 20	Sand	Red-brown	100	Trace	Nil	Wet	Spruce		502365
NCR-062	June 21, 2021	JB	Sand	5858350	626450	>20	25	Moss, 5 cm	Sand	Red-brown	100	Trace	Nil	Dry	Spruce	Hi till ridge, 20 m above lake level	502363
NCR-063	June 21, 2021	JB	Sand	5858325	626450	>20	20	Moss, 5 cm	Sand	Light brown	100	Trace	Nil	Dry	Spruce	Hi till ridge, 20 m above lake level	502363
NCR-064	June 21, 2021	JB	Sand	5858300	626450	>20	15	Moss, 5 cm	Sand	Light brown	100	Trace	Nil	Dry	Spruce	Hi till ridge, 20 m above lake level	502363
NCR-065	June 21, 2021	JB	Sand	5858275	626450	>20	20	Moss, 5 cm	Sand	Red-brown	100	Trace	Nil	Dry	Spruce	base of till ridge	502363
NCR-102	June 16, 2021	DT & MP	Sand	5860554	630198	20	25	moss	Clay	Red Brown	50%	50%	Nil	Dry	Spruce		502339
NCR-103	June 16, 2021	DT & MP	Sand	5860531	630201	15	15	moss	Clay	Brown	50%	50% Silt	Nil	Damp	Spruce		502339
NCR-105	June 16, 2021	DT & MP	Sand	5860474	630201	10	12	moss	Till	Red Brown	50%	50% Silt	Nil	Dry	Spruce	Layer of Charcoal above sample	502339

SAND SAMPLE DETAILS

SAMPLE	Date	Sampler	TYPE	Northing	Easting	Horizon_ Thickness	Sample Depth	Unit_Above	Unit_Below	Colour	Sand	Clay	Organics	Wet_ Dry	Trees	COMMENTS	Claim #
NCR-106	June 16, 2021	DT & MP	Sand	5860455	630199	10	15	moss	Till	Red Brown	50%	50% Silt	Nil	Dry	Spruce, Poplar		502339
NCR-107	June 16, 2021	DT & MP	Sand	5860416	630199	15	20	moss	Till	Red Brown	50%	50%	Nil	Dry	Spruce, Poplar		502339
NCR-108	June 16, 2021	DT & MP	Sand	5860398	630200	15	15	moss	Till	Red Brown	50%	50% Silt	Nil	Damp	Spruce, Poplar	Sample taken under fallen tree	502339
NCR-112	June 16, 2021	DT & MP	Sand	5860470	630095	10	10	moss	Till	Brown	50%	50% Silt	Nil	Damp	Jack Pine, Spruce	Light Oxidation	502339
NCR-113	June 16, 2021	DT & MP	Sand	5860429	630097	20	30	moss	Till	Red Brown	50%	50% Silt	Nil	Dry	Jack Pine, Spruce	Taken from fallen tree	502339
NCR-114	June 21, 2021	DT & MP	Sand	5858490	626903	10	10	Moss	Rock	Biege	80%	20% Silt	Nil	Damp	Poplar		502364
NCR-115	June 21, 2021	DT & MP	Sand	5858530	626899	15	10	Moss	Rock	Red Brown	50%	50% Silt	Nil	Damp	Poplar	Sample taken in small valley	502364
NCR-116	June 21, 2021	DT & MP	Sand	5858555	626902	15	5	Moss	Till	Red Brown	50%	50% Silt	Nil	Damp	Poplar- Spruce		502364
NCR-117	June 21, 2021	DT & MP	Sand	5858577	626899	15	5	Moss	Till	Red Brown	80%	20%Silt	Nil	Damp	Poplar- Birch	Charcoal layer above	502364
NCR-118	June 21, 2021	DT & MP	Sand	5858594	626900	10	20	Moss	Till	Red Brown	50%	50% Silt	Nil	Damp	Poplar- Spruce		502364
NCR-119	June 21, 2021	DT & MP	Sand	5858705	627001	10	10	Moss	Rock	Red Brown	50%	50% Silt	Nil	Damp	Spruce		502367
NCR-120	June 21, 2021	DT & MP	Sand	5858675	627002	10	30	Moss	Rock	Red Brown	50%	50% Silt	Nil	Dry	Spruce		502367
NCR-121	June 21, 2021	DT & MP	Sand	5858653	626997	15	20	Moss	Till	Red Brown	50%	50% Silt	Nil	Dry	Spruce		502367
NCR-122	June 21, 2021	DT & MP	Sand	5858620	627009	15	20	Moss	Till	Red Brown	50%	50% Silt	Nil	Dry	Spruce	Coal layer in organics above sample	502364
NCR-123	June 21, 2021	DT & MP	Sand	5858599	627004	20	25	Moss	Till	Red Brown	50%	50% Silt	Nil	Dry	Spruce		502364
NCR-124	June 21, 2021	DT & MP	Sand	5858577	626995	5	30	Moss	Rock	Red Brown	50%	50% Silt	Nil	Dry	Spruce		502364
NCR-125	June 21, 2021	DT & MP	Sand	5858547	626994	10	15	Moss	Till	Red Brown	50%	50% Silt	Nil	Dry	Spruce		502364
NCR-126	June 21, 2021	DT & MP	Sand	5858527	627007	10	25	Moss	Till	Brown	80%	20% Silt	Nil	Dry	Spruce		502364
NCR-127	June 21, 2021	DT & MP	Sand	5858500	627004	10	20	Moss	Till	Red Brown	50%	50% Silt	Nil	Dry	Spruce		502364
NCR-160	June 21, 2021	DT & MP	Sand	5858703	627447	5	15	Moss	Rock	Red brown	80%	20% Silt	Nil	Dry	Spruce	Sample taken between outcrops off grid	502360
NCR-161	June 21, 2021	DT & MP	Sand	5858709	627512	5	5	Moss	Rock	Red brown	80%	20% Silt	Nil	Dry	Spruce	Sample taken between outcrops off grid	502320
NCR-164	June 21, 2021	DT & MP	Sand	5858647	627099	15	30	Moss	Till	Red brown	50%	50% silt	Nil	Dry	Spruce		502360
NCR-165	June 21, 2021	DT & MP	Sand	5858626	627105	10	40	Moss	Till	Red brown	50%	50% silt	Nil	Damp	Spruce		502365
NCR-166	June 21, 2021	DT & MP	Sand	5858597	627097	10	30	Moss	Till	Brown	50%	50% silt	Nil	Wet	Spruce		502365
NCR-167	June 21, 2021	DT & MP	Sand	5858527	627104	10	30	Moss	Till	Red brown	20%	80% silt	Nil	Damp	Spruce		502365
NCR-170	June 21, 2021	DT & MP	Sand	5858144	626447	10	20	Moss	Till	Red brown	80%	20% Silt	Nil	Damp	Jack Pine-Spruce		Outside
NCR-171	June 21, 2021	DT & MP	Sand	5858178	626454	10	20	Moss	Till	Red brown	80%	20% silt	Nil	Dry	Jack Pine-Birch		502363
NCR-202	Sept. 4, 2021	JB & KK	Sand	5860031	630004	>20	15	Moss / 10cm	Till >5cm	Red-brown	100%		Nil	dry	Poplar	On till boulder ridge. No hum	502332
NCR-206	Sept. 4, 2021	JB & KK	Sand	5860110	630001	>20	20	Leached sand / 10cm moss / 10cm	Till >5cm	Red-brown	vf 70%	30%	Nil	dry	Spruce & Poplar	Tan horizon above oxidized till	502332
NCR-207	Sept. 4, 2021	JB & KK	Sand	5860135	629999	>10	20	Leached sand / 10cm moss / 10cm	Boulder Till >5cm	Red-brown	f 50%	50%	Nil	damp	Spruce & Poplar		502339
NCR-208	Sept. 4, 2021	JB & KK	Sand	5860150	630000	>10	30	Leached sand / 20 moss / 10cm	Till >5cm	Red-brown	vf 60%	40%	Nil	dry	Spruce & Poplar / Birch	Thick Moss	502339
NCR-212	Sept. 4, 2021	JB & KK	Sand	5860070	629890	>5	20	Leached sand /10cm moss / 10cm	Boulder Till >5cm	Red-brown	f 100%		Nil	dry	Birch		502331
NCR-214	Sept. 4, 2021	JB & KK	Sand	5860048	629908	>5	10	Moss / 5cm	Till >5cm	Red-brown	f 75	25%	Nil	dry	Spruce & Birch	Oxidized till close to surface	502331
NCR-215	Sept. 4, 2021	JB & KK	Sand	5860029	629900	20	20	Leached sand / 15cm moss / 5cm	Till >5cm	Tan	f 40	60%	Nil	dry	Spruce & Birch		502331

SAND SAMPLE DETAILS

SAMPLE	Date	Sampler	TYPE	Northing	Easting	Horizon_ Thickness	Sample Depth	Unit_Above	Unit_Below	Colour	Sand	Clay	Organics	Wet_ Dry	Trees	COMMENTS	Claim #
NCR-216	Sept. 4, 2021	JB & KK	Sand	5860002	629900	>10	20	Leached sand / 5cm moss / 15cm	Till >5cm	Red-brown	f 80	20%	Nil	dry	Spruce & Birch		502331
NCR-217	Sept. 4, 2021	JB & KK	Sand	5869582	629816	4	20	Leached sand / 10cm moss / 10cm	Clay rich till >10cm	Red-brown	vf 60%	40%	Nil	dry	Aspen & Poplar	Thin oxidized clay sand horizon	502331
NCR-301	Sept. 4, 2021	DT & MP	Sand	5860266	629418	15	25	Moss/10		Beige	80%	20%	Nil	Dry	Birch, Spruce, Tamarack	Charcoal and decomposed moss above sample	502337
NCR-307	Sept. 4, 2021	DT & MP	Sand	5860100	629402	20	20	Moss/5	Clay	Tan	60%	40%	Nil	Dry	Spruce, Poplar		502337
NCR-308	Sept. 4, 2021	DT & MP	Sand	5860067	629396	15	10	Moss/5	Till	Brown	80%	20%	Nil	Dry	Spruce	On side of ridge	502330
NCR-309	Sept. 4, 2021	DT & MP	Sand	5860066	629493	15	10	Moss/5	Clay	Brown	70%	30%	Nil	Dry	Spruce, Birch	Ridge side	502330
NCR-312	Sept. 4, 2021	DT & MP	Sand	5860155	629505	10	10	Moss/5	Till	Tan	50%	50%	Nil	Damp	Birch, Spruce	Sand picked between rocks	502337
NCR-313	Sept. 4, 2021	DT & MP	Sand	5860182	629501	20	10	Moss/5		Brown	70%	30%	Nil	Damp	poplar, Spruce		502337
NCR-314	Sept. 4, 2021	DT & MP	Sand	5860205	629505	15	25	Moss/10		Red Brown	70%	30%	Nil	Damp	poplar, Spruce		502337
NCR-318	Sept. 4, 2021	DT & MP	Sand	5860256	629598	10	10	Moss/5		Brown	80%	20%	Nil	Dry	poplar, Spruce		502338
NCR-319	Sept. 4, 2021	DT & MP	Sand	5860229	629604	10	10	Moss/5		Tan	50%	50%	Nil	Dry	Birch, Spruce		502338
NCR-327	Sept. 4, 2021	DT & MP	Sand	5860004	629694	10	15	Moss/10	Clay	Tan	50%	50%	Nil	Damp	Birch, Spruce		502331
NCR-328	Sept. 4, 2021	DT & MP	Sand	5860027	629704	10	15	Moss/15	Clay	Tan	50%	50%	Nil	Damp	poplar, Spruce		502331
NCR-335	Sept. 4, 2021	DT & MP	Sand	5860206	629697	15	15	Moss/10		Red Brown	70%	30%	Nil	Damp	poplar, birch, Spruce	Rounded pebbles in sand	502338
NCR-336	Sept. 4, 2021	DT & MP	Sand	5860176	629801	15	15	Moss/10	Clay	Red Brown	60%	40%	Nil	Damp	Spruce, Tamarack, Birch	Small rounded clasts	502338
NCR-337	Sept. 4, 2021	DT & MP	Sand	5860145	629804	20	20	Moss/15	Clay	Tan	60%	40%	Nil	Damp	Birch, Spruce	Course grained sands	502338
NCR-338	Sept. 4, 2021	DT & MP	Sand	5860129	629800	15	15	Moss/10	Clay	Tan	60%	40%	Nil	Damp	Birch, Spruce		502338
NCR-339	Sept. 4, 2021	DT & MP	Sand	5860099	629796	15	20	Moss/15		Red Brown	60%	40%	Nil	Damp	Spruce, Birch	Taken from fallen tree	502331
NCR-340	Sept. 4, 2021	DT & MP	Sand	5860071	629802	10	20	Moss/10	Clay	Red Brown	60%	40%	Nil	Damp	Spruce, Birch	Charcoal above sample	502331
NCR-503	18-Jun-22	JB & HT	Sand	5860600	630150	5	25	bleached sand	-	br-org	100%	-	Nil	damp	spruce, birch	20cm bleached sand, 5cm moss	502348
NCR-506	18-Jun-22	JB & HT	Sand	5860527	630155	>10	20	white till	red sand/boulder	red	100%	-	97%	dry	spruce	under tree roots, boulder hill	502339
NCR-508	18-Jun-22	JB & HT	Sand	5860504	630145	10	30	peat	red sand/boulder	med org/red	100%	-	Nil	dry	birch		502339
NCR-509	18-Jun-22	JB & HT	Sand	5860477	630163	>10	10	till	basalt o/c	med org/red	95%	5%	Nil	dry	spruce>birch	under overturned tree	502339
NCR-510	18-Jun-22	JB & HT	Sand	5860455	630154	>10	10	till	red sand	med org/red	100%	-	Nil	dry	spruce		502339
NCR-511	18-Jun-22	JB & HT	Sand	5860430	630146	>10	5	till	red sand	med red	100%	-	Nil	dry	spruce	under overturned tree	502339
NCR-512	18-Jun-22	JB & HT	Sand	5860390	630151	>10	15	till	red sand	med org/red	100%	-	Nil	dry	jackpine, birch		502339
NCR-514	18-Jun-22	JB & HT	Sand	5860428	630050	>10	7	moss	red sand	med red	100%	-	Nil	dry	birch		502339
NCR-515	18-Jun-22	JB & HT	Sand	5860450	630050	>10	15	white sand/moss	red sand	red	100%	-	Nil	dry	birch		502339
NCR-516	18-Jun-22	JB & HT	Sand	5860480	630050	>10	1	white sand	red sand	org/red	100%	-	Nil	dry	jackpine, birch	under overturned tree	502339
NCR-519	19-Jun-22	JB & HT	Sand	5860720	630800	>10	15	peat	till	dark brown	88%	10%	2%	damp	spruce	under overturned tree	502350
NCR-520	19-Jun-22	JB & HT	Sand	5860700	630800	15	5	peat	till	light brown	98%	2%	Nil	wet	spruce	under overturned tree	502349
NCR-522	19-Jun-22	JB & HT	Sand	5860671	630800	>15	25	humus	-	grey	98%	2%	Nil	damp	alders/spruce		502349
NCR-523	19-Jun-22	JB & HT	Sand	5860752	630796	>20	10	till	till	grey	95%	5%	Nil	damp	spruce	huge deadfall area	502349
NCR-525	19-Jun-22	JB & HT	Sand	5860771	630800	>15	15	humus	-	grey-brown	98%	2%	Nil	damp	spruce		502350
NCR-527	19-Jun-22	JB & HT	Sand	5860817	630887	>20	2	bleached sand	-	med org/red	95%	5%	Nil	dry	spruce		502350
NCR-529	19-Jun-22	JB & HT	Sand	5860796	630897	>20	5	till	red-brown sand	red-brown	95%	5%	Nil	dry	birch/spruce	under overturned tree	502350
NCR-601	18-Jun-22	DT & JMW	Sand	5860450	630447	3 cm	10 cm	Moss	Bedrock	Grey	80%	10%	10%	Dry	Pines	Sampled on bedrock - Decomposed rock flour	502340
NCR-602	18-Jun-22	DT & JMW	Sand	5860469	630453	10 cm	15 cm	Moss	Till	Brown	80%	20%	Nil	Dry	Pines		502340

SAND SAMPLE DETAILS

SAMPLE	Date	Sampler	TYPE	Northing	Easting	Horizon_ Thickness	Sample Depth	Unit_Above	Unit_Below	Colour	Sand	Clay	Organics	Wet_ Dry	Trees	COMMENTS	Claim #
NCR-603	18-Jun-22	DT & JMW	Sand	5860502	630450	10 cm	15 cm	Moss	Till	Red brown	70%	30%	Nil	Dry	Deciduous + Pines		502340
NCR-605	18-Jun-22	DT & JMW	Sand	5860532	630443	10 cm	20 cm	Humus	Till	Brown	50%	50%	Nil	Wet	Mixed		502340
NCR-608	18-Jun-22	DT & JMW	Sand	5860601	630460	10 cm	15 cm	Moss	Till	Tan	80%	20%	Nil	Dry	Deciduous		502349
NCR-609	18-Jun-22	DT & JMW	Sand	5860624	630448	15 cm	10 cm	Moss	Till	Red brown	70%	30%	Nil	Dry	Deciduous		502349
NCR-613	18-Jun-22	DT & JMW	Sand	5860539	630362	10 cm	15 cm	Moss	Till	Tan	80%	20%	Nil	Dry	Pines		502339
NCR-616	18-Jun-22	DT & JMW	Sand	5860504	630351	10 cm	10 cm	Moss	Till	Red brown	70%	30%	Nil	Dry	Deciduous		502339
NCR-620	18-Jun-22	DT & JMW	Sand	5860395	630250	20 cm	20 cm	Moss	Till	Brown	70%	30%	Nil	Wet	Pines	Charcoal in moss above	502339
NCR-626	18-Jun-22	DT & JMW	Sand	5860540	630254	10 cm	15 cm	Moss	Till	Tan	80%	20%	Nil	Dry	Mixed		502339
NCR-636	19-Jun-22	DT & JMW	Sand	5860632	631001	20	20	Moss	-	Brown	70%	30%	Nil	Damp	Deciduous		502350
NCR-640	19-Jun-22	DT & JMW	Sand	5860653	630905	10	15	Humus	Bedrock	Brown	80%	20%	Nil	Dry	Mixed		502350
NCR-645	19-Jun-22	DT & JMW	Sand	5860750	630905	10	15	Humus	Bedrock	Dark-brown	70%	30%	Nil	Damp	Pines		502350
NCR-646	19-Jun-22	DT & JMW	Sand	5860774	630905	10	15	Moss	Till	Brown	70%	30%	Nil	Damp	Pines		502350

SAND SAMPLE ENZYME LEACH RESULTS

SAMPLE	Northing	Easting	Claim #	Ag	As	Au	Ba	Br	Ce	Cl	Co	Cu	Hg	I	K	La	Li	Mn	Mo	Ni	Pb	Rb	Sb	Sc	Th	V	Zn
NCR-001	5860303	630305	502339	0.05	11	0.032	251	380	12.4	19000	78.3	61	0.05	59	28	5.97	13	423	0.4	57	2.1	54.2	0.44	0.5	1.49	18.3	65
NCR-002	5860325	630300	502339	0.05	7.9	0.056	386	144	12.1	17000	87.2	30	0.05	55	18	5.87	20.8	340	0.2	78	1.4	34.8	0.24	0.5	1.42	11	48
NCR-003	5860374	630303	502339	0.05	5.6	0.025	765	69	4	5000	26.6	21	0.05	18	7	2.16	30.3	215	0.1	54	3	57.4	0.21	0.5	0.66	8.6	64
NCR-006	5860440	630292	502339	0.05	11.9	0.019	121	116	1.55	7000	33	65	0.6	29	16	0.78	12.7	459	1	55	1.7	24.8	0.41	0.5	0.47	76.4	79
NCR-007	5860450	630297	502339	0.05	20.5	0.032	698	364	18.5	23000	101	97	0.6	73	52	9.48	29.4	363	1.4	**140**	12.7	182	0.74	0.5	2.42	48.8	83
NCR-008	5860470	630299	502339	0.05	11.5	0.041	271	195	51.8	10000	28.8	45	0.3	58	12	25.9	15.8	367	0.8	32	13.6	36.2	0.65	0.5	3.28	27.8	24
NCR-011	5860526	630298	502338	0.05	13.1	0.0025	445	27	7.51	7000	33.8	17	0.2	11	8	3.41	20.7	1620	1.1	29	1.7	15.5	0.33	0.5	0.94	24.3	21
NCR-022	5860520	630500	502340	0.05	5.4	0.024	291	24	1.21	4000	18.1	8	0.2	11	6	0.58	3.5	247	0.9	19	1.7	32.2	0.2	0.5	0.34	83.2	34
NCR-024	5858331	626851	502364	0.05	0.9	0.0025	592	70	3.49	6000	6.3	5	0.2	13	18	2.71	7.5	443	0.05	19	4	73.2	0.12	0.5	0.38	4	30
NCR-025	5858303	626851	502364	0.05	2.3	0.021	565	65	2.57	5000	8.7	5	0.2	8	13	1.43	3	123	0.05	36	2.8	53.6	0.08	0.5	0.31	16.5	**80**
NCR-026	5858274	626862	502364	0.05	0.7	0.015	901	69	24.1	7000	6.6	5	0.3	12	12	14.1	5.8	233	0.1	18	3	48.6	0.11	0.5	0.42	6.5	48
NCR-027	5858250	626850	502364	0.05	1	0.023	806	84	26.5	6000	9.3	6	0.1	17	10	13.3	6.5	200	0.05	27	0.6	53.7	0.08	0.5	1.79	10.5	2.5
NCR-028	5858225	626847	502364	0.05	2.1	0.026	684	72	11.5	5000	19.2	12	0.1	14	9	3.65	6.2	118	0.05	47	1.6	71.6	0.3	0.5	1.54	10.1	32
NCR-029	5858205	626831	502364	0.05	0.7	0.01	196	44	1.44	9000	5.4	2	0.3	6	6	0.69	0.5	163	0.05	18	1.6	56.1	0.2	0.5	0.14	4.9	37
NCR-031	5858181	626840	502364	0.05	1.3	0.022	107	47	0.95	5000	3.6	2	0.3	8	2.5	0.54	1.1	47.2	0.05	9	1.2	28.2	0.12	0.5	0.19	7.3	7
NCR-032	5858205	626900	502364	0.05	3.5	0.016	1080	62	11.2	5000	14.6	4	0.3	15	32	4.35	10.8	192	0.05	28	5.1	123	0.14	0.5	1.66	4	23
NCR-033	5858226	626903	502364	0.05	0.4	0.018	498	69	2.74	4000	10	6	0.3	12	12	1.73	5.7	1120	0.05	14	3.6	54.7	0.1	0.5	0.27	2.1	26
NCR-034	5858250	626903	502364	0.05	1.1	0.018	491	54	4.51	4000	42	3	0.1	11	11	2.31	2.1	7080	0.3	13	4.7	41	0.06	0.5	0.2	3.1	25
NCR-035	5858275	626900	502364	0.05	0.5	0.013	986	51	4.14	3000	7.8	5	0.2	9	24	2.71	2.9	697	0.05	21	2.3	90	0.12	0.5	0.46	8.6	32
NCR-036	5858305	626900	502364	0.05	2.5	0.014	963	38	5.71	3000	11.1	8	0.2	10	15	4.19	6.1	340	0.05	18	5.1	47	0.09	0.5	0.41	4	39
NCR-037	5858326	626898	502364	0.05	0.1	0.012	508	54	4.57	2000	4.2	5	0.05	9	9	3.7	1.2	217	0.05	11	3.7	45.8	0.06	0.5	0.17	2.2	29
NCR-038	5858347	626905	502364	0.05	0.8	0.012	631	63	11.4	3000	19.3	10	0.2	10	8	5.79	9.4	1850	0.05	22	5.7	33.8	0.15	0.5	0.58	0.9	67
NCR-043	5858853	627102	502360	0.05	1.7	0.0025	536	91	5.18	5000	18.6	9	0.1	20	12	2.51	13.9	164	0.05	63	1.8	44.2	0.19	0.5	0.75	7.6	48
NCR-044	5858873	627100	502360	0.05	2.4	0.0025	949	92	8.16	7000	76.6	9	0.1	20	22	3.99	21.4	4450	0.05	52	1.5	150	0.03	0.5	1.48	16.4	**94**
NCR-045	5858900	627100	502360	0.05	1.7	0.009	1700	81	5.45	4000	68.4	20	0.05	19	26	2.79	14.7	2720	0.05	72	0.8	220	0.03	0.5	0.95	8.2	75
NCR-046	5858925	627102	502360	0.05	2.8	0.006	848	55	2.45	7000	41.9	14	0.2	16	18	1.25	13	699	0.05	35	1.4	86.1	0.1	0.5	0.63	15.1	60
NCR-047	5858950	627104	502360	0.05	1.2	0.013	344	48	2.19	6000	7.5	5	0.2	11	18	1.17	2.1	179	0.05	13	0.8	59.6	0.14	0.5	0.49	6.6	15
NCR-048	5858975	627100	502360	0.05	2.1	0.015	492	42	9.29	4000	32	11	0.2	14	16	4.91	4.5	2420	0.2	36	2.2	67.4	0.17	0.5	1.53	9.6	16
NCR-050	5858950	627200	502360	0.05	0.8	0.0025	483	41	5.27	4000	23.7	5	0.05	10	19	3.15	13.4	212	0.05	63	1.9	105	0.12	0.5	0.49	5.3	22
NCR-051	5858925	627200	502360	0.05	0.9	0.026	1110	57	12.3	5000	16.4	12	0.05	12	16	6.25	22.3	107	0.05	30	1.7	54.5	0.19	0.5	0.75	3.1	24
NCR-057	5858770	627195	502360	0.05	1.6	0.014	398	42	8.64	2000	6.1	10	0.2	12	2.5	3.74	6.3	112	0.3	16	0.1	27.8	0.02	0.5	0.78	13.5	2.5
NCR-059	5858645	627200	502365	0.05	3.2	0.011	580	50	20.8	4000	17.9	17	0.1	18	5	7.83	5.8	189	0.2	28	1.2	33.5	0.3	0.5	2.02	13.1	21
NCR-060	5858625	627200	502365	0.05	1.8	0.026	292	54	4.82	3000	9	9	0.05	9	2.5	2.13	10.1	109	0.05	51	0.7	43.9	0.07	0.5	0.34	18.2	21
NCR-062	5858350	626450	502363	0.05	8.6	0.015	782	92	8.62	6000	27	14	0.3	33	123	4.16	12.7	785	0.4	42	3.4	46.4	0.2	0.5	2.17	24.3	23
NCR-063	5858325	626450	502363	0.05	5.6	0.01	1900	63	8.75	6000	32.8	25	0.2	27	48	3.99	13.5	8170	1	46	1.4	63.1	0.15	0.5	2.08	31.1	**82**
NCR-064	5858300	626450	502363	0.05	4.7	0.012	1660	39	5.46	6000	31.7	13	0.3	22	63	3.34	16.2	12200	1.3	50	2.4	69.5	0.23	0.5	1.42	38.3	54
NCR-065	5858275	626450	502363	0.05	3.7	0.02	744	67	4.09	5000	47.8	16	0.05	15	23	2.04	24.8	2870	0.4	40	3.2	44.6	0.2	0.5	0.9	32	79
NCR-102	5860554	630198	502339	0.05	18.1	0.017	324	75	8.45	4000	14.7	21	0.05	23	12	4.48	15.8	410	0.3	36	2.4	43.1	0.21	0.5	1.2	42	28
NCR-103	5860531	630201	502339	0.05	24.1	0.005	411	58	14.3	6000	32.6	24	0.2	25	14	6.87	13.2	577	0.5	50	3.2	28.7	0.37	0.5	2.04	39.1	39
NCR-105	5860474	630201	502339	0.05	24.1	0.008	219	60	3.1	5000	15.1	12	0.5	21	17	1.56	13.5	591	0.6	38	2.1	17	0.39	0.5	1.16	122	197
NCR-106	5860455	630199	502339	0.05	10.1	0.007	550	42	2.88	5000	48.4	6	0.3	19	23	1.82	6.8	4790	0.5	45	2.5	23.1	0.38	0.5	0.54	29.9	47
NCR-107	5860416	630199	502339	0.05	6.2	0.0025	561	61	7.97	5000	22.8	11	0.2	24	11	4.41	23.2	190	0.05	43	2.6	109	0.28	0.5	1.33	12.3	39
NCR-108	5860398	630200	502339	0.05	5.6	0.026	534	111	4.94	7000	38.3	19	0.2	26	34	2.66	23.5	817	0.1	77	1.6	178	0.3	0.5	0.78	5.2	47
NCR-112	5860470	630095	502339	0.05	8.9	0.015	592	68	35.8	8000	401	40	0.5	28	30	8.57	42.8	40300	3	64	2.9	77.3	0.59	0.5	3.05	18.9	34
NCR-113	5860429	630097	502339	0.05	9.6	0.012	461	83	8.06	4000	16.2	11	0.2	21	42	4.54	10	545	0.1	44	1.7	125	0.32	0.5	1.76	11.6	11
NCR-114	5858490	626903	502364	0.05	4.2	0.0025	245	10	0.3	5000	15.3	3	0.3	5	32	0.2	0.25	1920	1.6	19	1	11	0.28	0.5	0.09	43	37
NCR-115	5858530	626899	502364	0.05	2.9	0.0025	591	55	2.08	4000	69.6	6	0.2	16	41	1.2	17	7450	0.5	41	2.4	21.2	0.29	0.5	0.52	32.9	49
NCR-116	5858555	626902	502364	0.05	1.6	0.005	593	46	3.96	3000	15.3	9	0.3	13	29	2.34	6.3	546	0.05	37	2.8	33.8	0.3	0.5	0.71	11.4	60

SAND SAMPLE ENZYME LEACH RESULTS

SAMPLE	Northing	Easting	Claim #	Ag	As	Au	Ba	Br	Ce	Cl	Co	Cu	Hg	I	K	La	Li	Mn	Mo	Ni	Pb	Rb	Sb	Sc	Th	V	Zn
NCR-117	5858577	626899	502364	0.05	5.1	0.0025	341	50	4.79	8000	19.3	18	0.5	14	78	2.96	29.3	2090	0.6	40	4.8	25.7	0.3	0.5	1.46	37.5	48
NCR-118	5858594	626900	502364	0.05	4.1	0.015	1080	76	44.1	4000	26.6	24	0.3	23	39	17.3	34.8	437	0.1	36	3.3	138	0.18	0.5	5.93	19.5	28
NCR-119	5858705	627001	502367	0.05	14.9	0.018	201	115	3.18	7000	26.5	34	0.1	27	10	1.67	10.3	359	0.05	50	1.7	28.1	0.23	0.5	0.65	24.1	37
NCR-120	5858675	627002	502367	0.05	0.9	0.025	559	73	3.22	4000	10.2	6	0.2	13	23	1.94	2.4	497	0.05	24	2.6	62.4	0.23	0.5	0.4	9.9	30
NCR-121	5858653	626997	502367	0.05	0.1	0.014	419	38	4.68	2000	4.8	3	0.1	7	5	3.02	3.2	99.1	0.05	10	2.6	54.9	0.005	0.5	0.03	4.9	19
NCR-122	5858620	627009	502364	0.05	0.6	0.018	777	89	12.9	3000	5.6	4	0.3	15	17	9.12	5.4	140	0.05	18	2.6	76.4	0.09	0.5	0.48	4.5	33
NCR-123	5858599	627004	502364	0.05	1.1	0.012	392	66	1.76	3000	12.7	4	0.2	15	9	1.04	3.4	427	0.05	27	3.3	70.4	0.22	0.5	0.26	10.9	42
NCR-124	5858577	626995	502364	0.05	1.3	0.014	287	59	2.79	3000	11.9	5	0.3	14	10	1.66	8.4	527	0.2	22	2.9	58.1	0.19	0.5	0.47	6.4	68
NCR-125	5858547	626994	502364	0.05	0.3	0.015	604	64	3.6	2000	3.8	6	0.05	11	5	2.44	4.7	95.1	0.05	9	3	40.4	0.09	0.5	0.17	3	30
NCR-126	5858527	627007	502364	0.05	3.7	0.0025	338	32	2.87	3000	22.6	24	0.05	12	8	1.53	5.7	149	0.1	50	1.8	41.5	0.17	0.5	0.43	42.3	36
NCR-127	5858500	627004	502364	0.05	1.8	0.014	873	101	4.48	3000	19	13	0.5	14	15	2.76	17.6	128	0.05	45	3.7	43.7	0.1	0.5	0.43	2.8	51
NCR-160	5858703	627447	502360	0.05	2	0.007	1090	55	11.4	3000	18.6	32	0.3	13	5	5.73	26.6	117	0.05	32	1.8	21.8	0.12	0.5	1.14	2.4	23
NCR-161	5858709	627512	502320	0.05	3.4	0.008	1030	64	8.47	5000	54.5	55	0.2	19	7	5.28	14.4	513	0.05	80	2.5	21	0.11	0.5	1.9	8.4	67
NCR-164	5858647	627099	502360	0.05	0.1	0.015	504	63	12	3000	4.1	4	0.4	15	8	16.5	1.9	59.7	0.05	8	2.7	32.1	0.21	0.5	0.34	8.8	25
NCR-165	5858626	627105	502365	0.05	1.3	0.026	660	50	2.57	2000	10	2	0.2	10	6	1.34	7.1	72.6	0.05	26	2.1	51.9	0.16	0.5	0.23	7.4	24
NCR-166	5858597	627097	502365	0.05	0.6	0.022	217	29	2.72	2000	6.6	3	0.1	7	2.5	1.28	4.3	50.4	0.05	28	1.7	34.2	0.09	0.5	0.25	4.6	40
NCR-167	5858527	627104	502365	0.05	8.1	0.008	161	110	6.68	5000	76	33	0.3	30	11	3.72	11	144	0.05	75	3.2	32.6	0.16	0.5	1.33	6	87
NCR-170	5858144	626447	Outside	0.05	0.9	0.011	242	99	2.2	3000	17.1	4	0.3	15	10	1.23	7.8	502	0.05	42	3.7	73.1	0.11	0.5	0.22	5	52
NCR-171	5858178	626454	502363	0.05	0.9	0.024	300	112	3.38	4000	8.5	8	0.1	15	6	1.99	4.4	62	0.05	32	1.6	32	0.09	0.5	0.22	0.3	28
NCR-202	5860031	630004	502332	0.05	6.1	0.0025	798	180	4.62	2000	36.3	36	0.05	34	2.5	2.63	40.1	288	0.5	71	1.1	66.1	0.3	0.5	1.11	11.6	31
NCR-206	5860110	630001	502332	0.05	3.5	0.006	4040	273	25.8	5000	34.4	18	0.05	75	28	14.9	43.6	1600	0.2	48	4.9	91.6	0.37	0.5	4.37	14.4	12
NCR-207	5860135	629999	502339	0.05	7.5	0.0025	650	116	5.25	2000	28.7	14	0.05	33	12	2.99	19.7	2310	0.4	60	0.05	134	0.48	0.5	1.67	20.2	15
NCR-208	5860150	630000	502339	0.05	12.5	0.0025	3220	102	11.3	500	115	27	0.05	31	8	6.25	77.9	7260	0.3	77	2.2	275	0.27	0.5	2.05	28.2	25
NCR-212	5860070	629890	502331	0.05	38.9	0.0025	185	120	41.7	1000	36.3	28	0.05	27	17	25	24.5	5350	1	55	0.7	30.4	0.53	0.5	4.54	34.2	67
NCR-214	5860048	629908	502331	0.05	8.9	0.022	441	125	2.83	500	27.3	22	0.1	22	24	2.4	27.2	5210	0.9	45	0.05	13.8	0.31	0.5	0.7	23.3	50
NCR-215	5860029	629900	502331	0.05	6.9	0.01	1100	138	11.3	2000	15.8	21	0.1	36	13	5.93	37.8	1110	0.9	27	4.5	81.3	0.55	0.5	3.91	31.2	17
NCR-216	5860002	629900	502331	0.05	3.8	0.009	1350	100	7.12	2000	35.7	8	0.05	30	9	5.15	35.3	2220	0.2	50	3.7	152	0.21	0.5	1.37	10.5	30
NCR-217	5869582	629816	502331	0.05	5	0.0025	1140	144	31.4	1000	20.8	12	0.1	27	16	12.1	21.8	716	0.5	36	1.2	153	0.41	0.5	4.39	16.9	19
NCR-301	5860266	629418	502337	0.05	13.3	0.0025	520	181	18.6	6000	58.5	34	0.05	17	14	7.94	70.3	403	0.6	92	15.7	38.8	0.4	0.5	8.24	22.6	69
NCR-307	5860100	629402	502337	0.2	117	0.017	254	137	72.2	4000	38.8	162	0.05	46	2.5	89.2	5.8	2240	0.9	54	0.05	38.6	1.53	10	17.5	48.6	6
NCR-308	5860067	629396	502330	0.05	15.4	0.006	215	48	1.39	10000	19.6	12	0.05	13	8	0.87	19.3	3030	2.9	36	2.2	4.2	0.44	0.5	1.15	95.2	143
NCR-309	5860066	629493	502330	0.05	6.4	0.006	1280	151	6.22	4000	67.1	10	0.05	45	17	3.22	57.4	8360	1	74	1.9	179	0.48	0.5	1.84	49.4	78
NCR-312	5860155	629505	502337	0.05	6.4	0.0025	174	6	0.005	4000	2.4	0.5	0.05	5	15	0.41	15.8	1800	2.3	8	0.5	32.1	0.39	0.5	0.23	37.7	251
NCR-313	5860182	629501	502337	0.05	24.3	0.006	1540	193	44.5	8000	41.6	46	0.05	50	32	23	192	1540	0.5	69	14.5	71.4	0.44	0.5	24.3	42.1	267
NCR-314	5860205	629505	502337	0.05	11.4	0.0025	1260	137	14.4	5000	48	23	0.05	18	6	6.89	26	365	0.5	**146**	0.8	62.9	0.27	0.5	1.37	12.7	30
NCR-318	5860256	629598	502338	0.05	29.6	0.0025	1280	182	32.7	9000	77.2	53	0.05	43	13	17.3	33.2	9690	0.6	**136**	5.1	18.3	0.37	0.5	6.41	25.9	96
NCR-319	5860229	629604	502338	0.05	20.8	0.006	631	221	57	6000	54.2	27	0.05	53	21	18.7	64.6	1490	1.6	33	4.6	116	0.45	10	25.5	67.7	68
NCR-327	5860004	629694	502331	0.05	9.3	0.0025	274	119	2.2	10000	36.5	19	0.1	16	12	1.69	17.5	1090	2.3	29	3	22.6	0.29	0.5	1.04	78	92
NCR-328	5860027	629704	502331	0.1	9.8	0.011	1170	153	126	5000	61.1	47	0.05	48	13	58.2	33.3	3510	0.6	50	2.5	64	0.4	20	21.4	54.9	33
NCR-335	5860206	629697	502338	0.05	5.3	0.012	1110	121	6.77	4000	41.7	26	0.05	23	9	3.35	27.1	124	0.2	69	1.9	93	0.36	0.5	1.61	5.6	28
NCR-336	5860176	629801	502338	0.05	12.6	0.011	935	185	10.5	5000	69	23	0.05	40	18	5.93	54.6	2710	0.5	44	3.6	72.8	0.33	0.5	2.54	15.2	97
NCR-337	5860145	629804	502338	0.05	7.6	0.012	451	96	17.9	500	7	18	0.05	24	7	7.23	5.2	446	1.3	13	1.3	64.7	0.39	0.5	5.8	49.7	11
NCR-338	5860129	629800	502338	0.05	8.5	0.0025	564	31	0.97	4000	54.6	4	0.05	7	10	0.72	7.9	3390	1	35	0.2	35.1	0.34	0.5	0.29	71	42
NCR-339	5860099	629796	502331	0.05	8.5	0.011	1360	257	24.2	1000	25.8	43	0.1	51	24	14.5	71.1	429	0.3	45	4.9	34	0.26	0.5	5.79	28.6	31
NCR-340	5860071	629802	502331	0.05	2	0.0025	808	72	10.1	500	6.1	7	0.05	21	2.5	4.19	3.2	76.2	0.2	17	0.05	51.7	0.2	0.5	2.16	6.4	2.5
NCR-503	5860600	630150	502348	0.05	16.4	0.0025	246	49	6.33	6000	16.5	14	0.05	6	6	3.2	27.6	352	2	34	4.3	16	0.12	5	1.6	121	41
NCR-506	5860527	630155	502339	0.05	6	0.006	1060	84	12.7	11000	46.6	19	0.2	10	11	6.98	37.1	431	0.7	81	4.5	87	0.38	5	2.95	13.6	35
NCR-508	5860504	630145	502339	0.05	5.3	0.0025	1080	92	10	12000	90.3	18	0.05	12	9	5.1	32.6	2100	0.8	80	2.9	108	0.21	5	2.44	22.8	30
NCR-509	5860477	630163	502339	0.05	10.8	0.01	616	83	11.7	7000	68.5	23	0.1	12	8	5.29	13.9	2270	0.8	88	1.8	59	0.22	5	1.94	15.6	67

SAND SAMPLE ENZYME LEACH RESULTS

SAMPLE	Northing	Easting	Claim #	Ag	As	Au	Ba	Br	Ce	Cl	Co	Cu	Hg	I	K	La	Li	Mn	Mo	Ni	Pb	Rb	Sb	Sc	Th	V	Zn
NCR-510	5860455	630154	502339	0.05	6.6	0.007	1090	69	3.74	9000	50.5	11	0.05	11	11	1.94	26.4	2090	0.5	69	4	125	0.13	5	1.09	13.8	26
NCR-511	5860430	630146	502339	0.05	6.4	0.013	469	113	6.63	10000	59.6	14	0.05	11	13	3.29	9	3890	0.5	45	0.8	96	0.22	5	2.28	10.2	11
NCR-512	5860390	630151	502339	0.05	7.3	0.0025	586	104	3.4	10000	124	19	0.05	11	15	1.68	30.2	5640	0.9	60	3.8	82	0.27	5	1.06	39.7	286
NCR-514	5860428	630050	502339	0.05	7.4	0.009	528	76	3.29	9000	63.1	12	0.2	13	11	1.63	14.2	7720	1	62	2.3	111	0.37	5	0.96	74.5	50
NCR-515	5860450	630050	502339	0.05	3.9	0.01	519	126	5.81	5000	32.1	11	0.1	11	13	3.28	7.2	3920	0.5	48	2.2	70	0.23	5	1.34	19.4	22
NCR-516	5860480	630050	502339	0.05	8.5	0.0025	483	92	9.59	7000	45.8	18	0.1	12	15	4.9	25	2070	0.6	40	3.4	52	0.11	5	2.14	26.9	57
NCR-519	5860720	630800	502350	0.1	8.1	0.04	135	405	37.6	14000	87.5	340	0.2	53	2.5	44.6	3.4	3330	2	86	0.3	24	**2.55**	10	4.39	40	2.5
NCR-520	5860700	630800	502349	0.05	2.6	0.013	1690	166	38.6	7000	44.1	43	0.05	19	9	18.7	12.5	414	0.2	51	3	51	0.13	5	3.83	9.5	44
NCR-522	5860671	630800	502349	0.05	20.4	0.007	589	93	64.4	6000	21.1	40	0.05	28	2.5	32.9	11	1840	0.5	31	1.3	47	0.27	5	14.5	32.8	46
NCR-523	5860752	630796	502349	0.05	4.3	0.013	768	92	30.6	5000	23.8	16	0.05	11	11	15.3	7.4	1850	0.3	32	0.6	59	0.18	5	4.93	10.3	10
NCR-525	5860771	630800	502350	0.05	19.2	0.01	498	159	45.8	5000	18.7	22	0.05	20	6	25.8	7.4	1600	0.4	19	0.5	29	0.24	5	5.79	24.4	2.5
NCR-527	5860817	630887	502350	0.05	5.4	0.006	560	130	13.1	8000	76.8	16	0.05	11	27	7.78	8.1	5370	0.5	57	1.2	104	0.24	5	1.92	20.6	7
NCR-529	5860796	630897	502350	0.05	5.3	0.012	413	148	25.8	7000	160	33	0.2	20	44	11.6	2.9	5350	0.6	36	1.6	131	0.16	5	6.6	19.8	19
NCR-601	5860450	630447	502340	0.05	12.1	0.012	104	55	1.19	11000	46.6	27	0.3	7	9	0.68	2.6	959	2.4	14	0.6	9	0.65	5	0.52	66.7	18
NCR-602	5860469	630453	502340	0.05	4.2	0.008	367	46	8.58	8000	49.4	21	0.2	6	8	4.95	8.6	304	0.6	66	2.6	86	0.26	5	0.85	21.6	47
NCR-603	5860502	630450	502340	0.05	6.5	0.006	455	47	3.9	10000	87.2	22	0.05	8	13	2.18	18.8	1760	0.4	49	3.1	28	0.17	5	1.65	25.3	64
NCR-605	5860532	630443	502340	0.2	11.4	0.045	194	358	18.8	16000	10.8	262	0.3	48	14	14	7.1	497	5.3	52	0.9	38	**2.54**	5	2.31	101	2.5
NCR-608	5860601	630460	502349	0.05	43.4	0.0025	292	165	6.82	19000	36.6	23	0.2	11	6	2.97	37.6	692	1.3	38	2.4	22	0.29	5	1.62	55.6	62
NCR-609	5860624	630448	502349	0.05	22	0.006	590	115	12.3	7000	47.7	24	0.2	20	9	5.66	36.6	1060	0.4	68	8.8	30	0.16	5	3.69	17.1	11
NCR-613	5860539	630362	502339	0.05	7.7	0.016	613	93	16.3	11000	45.4	42	0.2	17	14	6.39	32.7	1500	1.4	40	3.3	54	0.22	5	4.55	28.3	45
NCR-616	5860504	630351	502339	0.05	11.1	0.007	256	103	17	10000	43.6	28	0.1	22	9	6.95	13.4	562	0.8	27	1.5	28	0.36	5	4.14	46	2.5
NCR-620	5860395	630250	502339	0.05	4.8	0.018	874	163	12.7	8000	67.7	38	0.2	31	10	6.56	23.7	632	0.2	**182**	0.8	71	0.22	5	2.43	5.7	39
NCR-626	5860540	630254	502339	0.05	16.3	0.009	323	47	4.81	3000	28.7	23	0.05	8	8	2.17	18.1	532	1.3	38	3.2	10	0.04	5	1.15	41.2	128
NCR-636	5860632	631001	502350	0.05	7.9	0.006	642	83	145	9000	21	17	0.05	14	7	52.6	2.6	2360	0.8	19	2.3	67	0.14	5	30	25	2.5
NCR-640	5860653	630905	502350	0.05	6.1	0.0025	1140	108	7.58	6000	47.6	51	0.1	10	2.5	3.76	21.1	166	0.05	64	4	18	0.11	5	1.85	3.4	16
NCR-645	5860750	630905	502350	0.05	7.2	0.01	738	80	13	8000	47.7	20	0.05	14	17	5.81	49.8	1360	0.8	61	1.3	84	0.3	5	1.78	32.1	44
NCR-646	5860774	630905	502350	0.05	6.8	0.017	832	99	11	6000	123	27	0.1	15	26	5.49	23.5	9900	0.4	56	3	104	0.15	5	4.79	25.7	35

HUMUS SAMPLE DETAILS

SAMPLE	CLAIM #	Date	Sampler	TYPE	Northing	Easting	Horizon Thickness	Sample Depth	Unit Above	Unit Below	Colour	Sand	Clay	Organics	Decomp	Wet_Dry	Trees	COMMENTS
NCR-004	502339	June 16, 2021	JB	H	5860413	630311	10	10	Moss/10	Clay	Black			100%	Poor	Wet	Spruce	Thin hunus
NCR-005	502339	June 16, 2021	JB	H	5860426	630303	5	10	Moss/7	Clay	Black			100%	Poor	Wet	Spruce	Thn layer
NCR-009	502339	June 16, 2021	JB	H	5860499	630299	2	15	Moss/13	Rock	Black			100	Poor	Dakp	Spruce-Poplar	Minor charcoal?
NCR-010	502339	June 16, 2021	JB	H	5860515	630296	2	5	Moss/5	Sand	Black			100%	Poor	Damp	Poplar-Spruce	Charcoal present below sample
NCR-012	502339	June 16, 2021	JB	H	5860550	630309	2	10	Moss/1-	Clay	Black			100%	Good	Wet	Poplar-Spruce	
NCR-013	502339	June 16, 2021	JB	H	5860575	630298	2	25	Moss	?	Black			100%	Poor	Damp	Poplar-Spruce	
NCR-014	502340	June 16, 2021	JB	H	5860570	630406	10	20	Moss/15	Till	Black	3%		97%	Good	Wet	Spruce>Birch	Coarse Boulder till to north
NCR-015	502340	June 16, 2021	JB	H	5860554	630401	10	25	Moss/20	Sand>clay	Brwn-Blk			100%	Mod	Wet	Spruce, big	
NCR-016	502340	June 16, 2021	JB	H	5860541	630398	7	30	Moss/20	Till	Brown	2%		98%	Poor	Wet	Spruce, big	North Edge of Cliff/fault
NCR-017	502340	June 16, 2021	JB	H	5860500	630401	4	15	Moss/10	Till	Brown	3%		97%	Poor	Dry	Spruce, big	South of clff
NCR-018	502340	June 16, 2021	JB	H	5860477	630400	7	20	Moss/15	Till	Brwn-Blk			100%	Mod	Wet	Spruce, big	
NCR-019	502340	June 16, 2021	JB	H	5860447	630405	10	30	Moss/20	?	Black			100%	Good	Wet	Spruce	
NCR-020	502349	June 16, 2021	JB	H	5860592	630500	7	30	Moss/25	Till	Black			100%	Good	Wet	Spruce	
NCR-021	502340	June 16, 2021	JB	H	5860578	630500	10	30	Moss/25	?	Black			100%	Good	Wet	Spruce	
NCR-023	502340	June 16, 2021	JB	H	5860468	630506	7	20	Moss/15	?	Black			100%	Mod	Wet	Spruce	going south off low hill into ~boggy area
NCR-030	502364	June 16, 2021	JB	H	5858176	626840	>10	25	Moss/20	?	Black			100%	Mod	Wet	Spruce	
NCR-040	502360	June 21, 2021	JB	H	5858784	627100	15	25	Moss 7 cm	Peat >20	Black			100%	Mod	Wet	Spruce	Prob hi % of moss
NCR-041	502360	June 21, 2021	JB	H	5858804	627095	10	20	Moss 7 cm	Peat >20	Black			100%	Mod	Wet	Spruce	hi % of decomposed moss
NCR-042	502360	June 21, 2021	JB	H	5858828	627100	7	20	Moss 7 cm	Peat >20	Black			100%	Poor	Wet	Spruce	hi % of decomposed moss
NCR-052	502360	June 21, 2021	JB	H	5858900	627206	>30	20	Moss	?	Black			100%	Good	Wet	Spruce	mixed humus and moss
NCR-053	502360	June 21, 2021	JB	H	5858873	627200	10	25	Moss 20cm	Peat moss	Black			100%	Mod	Wet	Spruce	
NCR-054	502360	June 21, 2021	JB	H	5858855	627200	>10	25	Moss 20cm	Peat moss	Black			100%	Mod	Wet	Spruce	
NCR-055	502360	June 21, 2021	JB	H	5858828	627197	10	20	Moss 15cm	Peat moss	Borwn-Black			100%	Poor	Wet	Spruce	Prob hi % of moss
NCR-056	502360	June 21, 2021	JB	H	5858800	627202	10	30	Peat, 25	Boulders	Black			100%	Good	Wet	Spruce	Poss paleolake muck?
NCR-058	502360	June 21, 2021	JB	H	5858670	627196	10	30	Peat, 26	sand	Black			200%	Good	Wet	Spruce	
NCR-061	502365	June 21, 2021	JB	H	5858600	627200	5	30	Moss, 25	Boulders	Black			300%	Poor	Wet	Spruce	
NCR-101	502348	June 16, 2021	DT & MP	H	5860585	630294	10	20	moss	Till	Black			100%	Poor	Damp	Spruce	
NCR-104	502339	June 16, 2021	DT & MP	H	5860495	630205	5	15	moss	Till	Black			100%	Poor	Damp	Spruce, Poplar	
NCR-109	502339	June 16, 2021	DT & MP	H	5860571	630089	10	30	moss	Clay	Black			100%	Good	Damp	Spruce, Poplar	Charcoal layer above sample
NCR-110	502339	June 16, 2021	DT & MP	H	5860534	630100	15	20	moss	?	Black			100%	Good	Damp	Spruce, Poplar	
NCR-111	502339	June 16, 2021	DT & MP	H	5860505	630104	10	5	moss	Bedrock	Black			100%	Good	Wet	Poplar, Birch	
NCR-150	502360	June 21, 2021	DT & MP	H	5858755	627305	10	30	Moss	?	Black			100%	good	Wet	Spruce	Sample may be decomp'd moss
NCR-151	502360	June 21, 2021	DT & MP	H	5858778	627293	20	35	Moss	?	Black			100%	moderate	Wet	Spruce	High moss content
NCR-152	502360	June 21, 2021	DT & MP	H	5858801	627305	10	40	Moss	?	Black			100%	good	Wet	Spruce	
NCR-153	502360	June 21, 2021	DT & MP	H	5858856	627295	10	40	Moss	?	Black			100%	moderate	Damp	Spruce	High moss content
NCR-154	502360	June 21, 2021	DT & MP	H	5858903	627303	10	15	Moss	?	Black			100%	moderate	Wet	Spruce	
NCR-155	502360	June 21, 2021	DT & MP	H	5858926	627299	20	15	Moss	?	Black			100%	good	Wet	Spruce	
NCR-156	502360	June 21, 2021	DT & MP	H	5858953	627303	10	10	Moss	?	Black			100%	good	Wet	Spruce	
NCR-157	502360	June 21, 2021	DT & MP	H	5858943	627402	10	10	Moss	Sand	Black			100%	good	Wet	Spruce	
NCR-158	502360	June 21, 2021	DT & MP	H	5858875	627398	5	45	Moss	?	Black			100%	poor	Wet	Spruce	
NCR-159	502360	June 21, 2021	DT & MP	H	5858850	627399	10	20	Moss	?	Black			100%	good	Wet	Spruce	

HUMUS SAMPLE DETAILS

SAMPLE	CLAIM #	Date	Sampler	TYPE	Northing	Easting	Horizon Thickness	Sample Depth	Unit Above	Unit Below	Colour	Sand	Clay	Organics	Decomp	Wet_Dry	Trees	COMMENTS
NCR-162	502320	June 21, 2021	DT & MP	H	5858862	627499	10	30	Moss	?	Black			100%	Poor	Wet	Spruce	
NCR-163	502320	June 21, 2021	DT & MP	H	5858902	627499	10	15	Moss	?	Black			100%	Good	Wet	Spruce	
NCR-168	502365	June 21, 2021	DT & MP	H	5858502	627100	5	40	Moss	?	Black			100%	moderate	Damp	Spruce	Thin layer on sand
NCR-169	502365	June 21, 2021	DT & MP	H	5858473	627099	5	25	Moss	?	Black			100%	moderate	Wet	Spruce	Some Charcoal present
NCR-201	502332	Sept. 4, 2021	JB & KK	H	5860003	630009	10	20	Moss / 5cm	Till >5cm	Black			100%	good	wet	Spruce & Poplar	Flat below till boulder hill
NCR-203	502332	Sept. 4, 2021	JB & KK	H	5860052	630001	3	5	Moss / 5cm	Clayey till >10cm	Black	10%		90%	poor	dry	Spruce & Poplar	5% charcoal
NCR-204	502332	Sept. 4, 2021	JB & KK	H	5860079	629998	1	5	Moss / 5cm	Clayey till >5cm	Black			100%	poor	dry	Spruce & Poplar	
NCR-205	502332	Sept. 4, 2021	JB & KK	H	5860110	630001	1	5	Moss / 5cm	Leached Sand 5cm	Black			100%	poor	dry	Spruce & Poplar	5% charc.
NCR-209	502338	Sept. 4, 2021	JB & KK	H	5860161	629902	1	20	Moss / 20cm	Leached Clay Sand >5cm	Black	10%		90%	poor	dry	Poplar & Birch	
NCR-210	502338	Sept. 4, 2021	JB & KK	H	5860129	629898	0.5	10	Moss / 10cm	Leached Sand >5cm	Black	10%		90%	poor	damp	Birch	Pockets of hum b/w boulders
NCR-211	502331	Sept. 4, 2021	JB & KK	H	5860109	629895	2	5	eat Moss / 5cr	Leached Sand >5cm	Black	5%		95%	mod-poor	damp	Birch	
NCR-213	502331	Sept. 4, 2021	JB & KK	H	5860050	629912	0.5	3	Moss / 3cm	Sandy Till >5cm	Black	5%		95%	poor	dry	Spruce & Birch	5% charc.
NCR-218	502331	Sept. 4, 2021	JB & KK	H	5859997	629800	1	5	Moss / 5cm	Leached Sand >5cm	Black			100%	moderate	dry	Spruce & Poplar	5% charc.
NCR-219	502331	Sept. 4, 2021	JB & KK	H	5860022	629799	1	20	Moss / 20cm	Leached Sand >10cm	Black			100%	poor	damp	Spruce & Poplar	5% charc. Large wood pieces
NCR-220	502331	Sept. 4, 2021	JB & KK	H	5860050	629801	1	5	Moss / 5cm	Leached Sand >10cm	Black	5%	5%	90%	poor	damp	Spruce	5% charc.
NCR-302	502337	Sept. 4, 2021	DT & MP	H	5860220	629432	10	10	Moss/10	Sand	Black			100%	moderate	Damp	Spruce, Tamarack	
NCR-303	502337	Sept. 4, 2021	DT & MP	H	5860195	629437	25	25	Moss/10		Black			100%	moderate	Wet	Spruce, Tamarack	Some decomposed moss in sample
NCR-304	502337	Sept. 4, 2021	DT & MP	H	5860177	629432	15	20	Moss/10	Sand	Black			100%	Excellent	Wet	ch, Spruce, Tamarack	
NCR-305	502337	Sept. 4, 2021	DT & MP	H	5860146	629420	15	25	Moss/15	Sand	Black			100%	moderate	Damp	Spruce	
NCR-306	502337	Sept. 4, 2021	DT & MP	H	5860128	629398	10	15	Moss/10	Till	Black			100%	Poor	Damp	Spruce, Poplar	Charcoal in sample
NCR-310	502337	Sept. 4, 2021	DT & MP	H	5860101	629499	15	15	Moss/10	Clay	Black			100%	Good	Dry	Spruce, Poplar	
NCR-311	502337	Sept. 4, 2021	DT & MP	H	5860122	629498	15	20	Moss/15		Black			100%	Good	Wet	Spruce	
NCR-315	502337	Sept. 4, 2021	DT & MP	H	5860226	629499	15	25	Moss/10		Black			100%	moderate	Damp	poplar, Spruce	
NCR-316	502337	Sept. 4, 2021	DT & MP	H	5860246	629503	20	35	Moss/25		Black			100%	Poor	Damp	Spruce, Tamarack	
NCR-317	502337	Sept. 4, 2021	DT & MP	H	5860272	629498	10	20	Moss/15		Black			100%	moderate	Wet	Spruce, Poplar	on old drill road
NCR-320	502338	Sept. 4, 2021	DT & MP	H	5860201	629603	5	30	Moss/25		Black			100%	moderate	Wet	poplar, Spruce	Charcoal above sample
NCR-321	502338	Sept. 4, 2021	DT & MP	H	5860177	629596	10	20	Moss/15		Black			100%	moderate	Damp	Spruce, Tamarack	Decomposed moss, poor sample
NCR-322	502338	Sept. 4, 2021	DT & MP	H	5860145	629594	15	20	Moss/5	Clay	Black			100%	Poor	Wet	poplar, Spruce	
NCR-323	502338	Sept. 4, 2021	DT & MP	H	5860120	629598	5	10	Moss/10		Brown			100%	Poor	Wet	poplar, Spruce	
NCR-324	502331	Sept. 4, 2021	DT & MP	H	5860092	629598	10	15	Moss/10		Black			100%	moderate	Wet	poplar, Spruce	
NCR-325	502331	Sept. 4, 2021	DT & MP	H	5860074	629599	10	20	Moss/10		Black			100%	Good	Wet	poplar, Spruce	
NCR-326	502331	Sept. 4, 2021	DT & MP	H	5860054	629598	10	20	Moss/10	Sand	Black			100%	moderate	Damp	poplar, Birch	
NCR-329	502331	Sept. 4, 2021	DT & MP	H	5860049	629706	1	5	Moss/5	Clay	Black			100%	Poor	Damp	poplar, Spruce	Thin Humus layer

HUMUS SAMPLE DETAILS

SAMPLE	CLAIM #	Date	Sampler	TYPE	Northing	Easting	Horizon Thickness	Sample Depth	Unit Above	Unit Below	Colour	Sand	Clay	Organics	Decomp	Wet_Dry	Trees	COMMENTS
NCR-330	502331	Sept. 4, 2021	DT & MP	H	5860073	629698	1	8	Moss/5	Clay	Black			100%	Poor	Damp	poplar, Spruce	Thin Humus layer, poor sample
NCR-331	502331	Sept. 4, 2021	DT & MP	Humus	5860102	629703	5	10	Moss/10	Clay	Black			100%	moderate	Damp	poplar, Spruce	
NCR-332	502338	Sept. 4, 2021	DT & MP	Humus	5860129	629701	10	10	Moss/5	Clay	Black			100%	moderate	Damp	poplar, Spruce	Charcoal present
NCR-333	502338	Sept. 4, 2021	DT & MP	Humus	5860143	629704	5	40	Moss/35	Clay	Black			100%	moderate	Damp	Spruce	
NCR-334	502338	Sept. 4, 2021	DT & MP	Humus	5860178	629699	5	7	Moss/7		Black			100%	Good	Damp	Spruce, Birch	
NCR-500	*N/A*	*June 18, 2022*		***STD OREAS 47***														*CVs: Au - 44.3, Ag - 0.13, Cu -159*
NCR-501	502348	June 18, 2022	JB & HT	Humus	5860600	630100	0.4	25	moss	sand till	blk-br	3%	-	97%	mod	damp	spruce	flat, mossy
NCR-502	502339	June 18, 2022	JB & HT	Humus	5860575	630100	0.5	30	peat	sand till	blk-br	1%	-	99%	mod	damp	spruce>birch	flat, open
NCR-504	502339	June 18, 2022	JB & HT	Humus	5860575	630150	5	30	peat	boulder	black	-	5%	93%	good	damp	spruce	
NCR-505	502339	June 18, 2022	JB & HT	Humus	5860549	630153	5	20	peat	boulder	black	2%	5%	-	good	damp	spruce	
NCR-507	502339	June 18, 2022	JB & HT	Humus	5860504	630145	5	10	moss	org/red sand	blk-br	3%	-	-	mod	damp	birch	some charcoal
NCR-513	502339	June 18, 2022	JB & HT	Humus	5860407	630055	5	10	moss	till	blk-br	5%	-	95%	poor	damp	spruce, birch	under overturned tree
NCR-517	502339	June 18, 2022	JB & HT	Humus	5860511	630050	>10	30	moss	?	black	-	-	100%	good	damp	spruce	
NCR-518	502339	June 18, 2022	JB & HT	Humus	5860520	630056	>10	30	peat/moss	till	black	-	-	100%	good	damp	spruce	
NCR-521	502349	June 19, 2022	JB & HT	Humus	5860671	630800	5	20	peat	grey sand	black	2%	-	98%	mod	damp	alders/spruce	
NCR-524	502350	June 19, 2022	JB & HT	Humus	5860771	630800	5	10	moss	grey-brown sand	black/ brown	5%	-	95%	mod	damp	spruce	
NCR-526	502350	June 19, 2022	JB & HT	Humus	5860796	630813	>15	30	moss, humus	?	black	-	-	100%	good	damp	spruce	<15m from river +willows
NCR-528	502350	June 19, 2022	JB & HT	Humus	5860801	630900	2	10	moss	grey sand	black /brown	10%	-	90%	mod	damp	birch/spruce	
NCR-600	*N/A*	*June 18, 2022*		***STD OREAS 47***														*CVs: Au - 44.3, Ag - 0.13, Cu -159*
NCR-604	502340	June 18, 2022	DT & JMW	Humus	5860532	630443	3 cm	15 cm	Moss	-	Black	-	-	100%	Good	Damp	Mixed	
NCR-606	502340	June 18, 2022	DT & JMW	Humus	5860550	630454	10 cm	20 cm	Moss	Sand	Black	-	-	100%	Medium	Damp	Mixed	
NCR-607	502340	June 18, 2022	DT & JMW	Humus	5860575	630448	5 cm	15 cm	Moss	Till	Black	-	-	100%	Medium	Damp	Pines	Charcoal present
NCR-610	502349	June 18, 2022	DT & JMW	Humus	5860645	630452	5 cm	20 cm	Moss	Till	Black	-	-	100%	Medium	Damp	Mixed	
NCR-611	502348	June 18, 2022	DT & JMW	Humus	5860600	630356	5 cm	15 cm	Moss	Sand	Black	-	-	100%	Poor	Dry	Mixed	
NCR-612	502339	June 18, 2022	DT & JMW	Humus	5860573	630353	1 cm	10 cm	Moss	Sand	Black	-	-	100%	Poor	Dry	Mixed	
NCR-614	502339	June 18, 2022	DT & JMW	Humus	5860528	630350	2 cm	10 cm	Moss	Sand	Black	-	-	100%	Poor	Damp	Mixed	Small charcoal present
NCR-615	502339	June 18, 2022	DT & JMW	Humus	5860504	630351	1 cm	5 cm	Moss	Sand	Black	-	-	100%	Poor	Dry	Deciduous	Charcoal present
NCR-617	502339	June 18, 2022	DT & JMW	Humus	5860475	630350	1 cm	10 cm	Moss	Sand	Black	-	-	100%	Poor	D	Pines	
NCR-618	502339	June 18, 2022	DT & JMW	Humus	5860456	630345	10 cm	15 cm	Moss	Sand	Black	-	-	100%	Good	Wet	Pines	May be decomposed moss
NCR-619	502339	June 18, 2022	DT & JMW	Humus	5860429	630353	5 cm	5 cm	Moss	Decomposed Moss	Black	-	-	100%	Good	Wet	Mixed	May be decomposed moss
NCR-621	502339	June 18, 2022	DT & JMW	Humus	5860423	630244	1 cm	10 cm	Moss	Sand	Black	-	-	100%	Poor	Dry	Pines	
NCR-622	502339	June 18, 2022	DT & JMW	Humus	5860446	630250	3 cm	10 cm	Moss	Sand	Black	-	-	100%	Medium	Dry	Mixed	
NCR-623	502339	June 18, 2022	DT & JMW	Humus	5860473	630246	1 cm	10 cm	Moss	Bedrock	Black	-	-	100%	Poor	Dry	Pines	
NCR-624	502339	June 18, 2022	DT & JMW	Humus	5860501	630249	2 cm	15 cm	Moss	Bedrock	Black	-	-	100%	Poor	Dry	Mixed	Charcoal present
NCR-625	502339	June 18, 2022	DT & JMW	Humus	5860531	630248	1 cm	10 cm	Moss	Sand	Black	-	-	100%	Poor	Dry	Mixed	
NCR-627	502339	June 18, 2022	DT & JMW	Humus	5860572	630254	3 cm	15 cm	Moss	Sand	Black	-	-	100%	Medium	Dry	Mixed	Small charcoal present
NCR-628	502350	June 19, 2022	DT & JMW	Humus	5860830	630997	5	10	Moss	Till	Black	-	-	100%	Poor	Dry	Deciduous	
NCR-629	502350	June 19, 2022	DT & JMW	Humus	5860804	630999	3	10	Moss	Till	Black	-	-	100%	Poor	Dry	Mixed	Charcoal present
NCR-630	502350	June 19, 2022	DT & JMW	Humus	5860779	631000	5	10	Moss	Till	Black	-	-	100%	Poor	Dry	Mixed	Charcoal present
NCR-631	502350	June 19, 2022	DT & JMW	Humus	5860754	630994	5	10	Moss	Sand	Black	-	-	100%	Moderate	Dry	Pines	
NCR-632	502350	June 19, 2022	DT & JMW	Humus	5860727	631001	5	20	Moss	Sand	Black	-	-	100%	Good	Wet	Mixed	

HUMUS SAMPLE DETAILS

SAMPLE	CLAIM #	Date	Sampler	TYPE	Northing	Easting	Horizon Thickness	Sample Depth	Unit Above	Unit Below	Colour	Sand	Clay	Organics	Decomp	Wet_Dry	Trees	COMMENTS
NCR-633	502350	June 19, 2022	DT & JMW	Humus	5860698	631002	8	20	Moss	Sand	Black	-	-	100%	Good	Wet	Mixed	
NCR-634	502350	June 19, 2022	DT & JMW	Humus	5860671	631000	3	15	Moss	Sand	Black	-	-	100%	Poor	Wet	Deciduous	Charcoal present
NCR-635	502350	June 19, 2022	DT & JMW	Humus	5860657	630996	5	15	Moss	Sand	Black	-	-	100%	Moderate	Wet	Mixed	Decomposed moss in sample
NCR-637	502341	June 19, 2022	DT & JMW	Humus	5860597	630901	5	15	Moss	Till	Black	-	-	100%	Moderate	Dry	Pines	
NCR-638	502350	June 19, 2022	DT & JMW	Humus	5860628	630899	2	10	Moss	Sand	Black	-	-	100%	Poor	Dry	Deciduous	Charcoal present
NCR-639	502350	June 19, 2022	DT & JMW	Humus	5860653	630905	1	10	Moss	Sand	Black	-	-	100%	Poor	Dry	Mixed	Charcoal present
NCR-641	502350	June 19, 2022	DT & JMW	Humus	5860674	630900	10	20	Moss	Bedrock	Black	-	-	100%	Moderate	Wet	Mixed	
NCR-642 A	502350	June 19, 2022	DT & JMW	Humus	5860700	630898	5	25	Moss	Sand	Black	-	-	100%	Moderate	Wet	Pines	Charcoal present
NCR-642 B	502350	June 19, 2022	DT & JMW	Humus	5860728	630900	5	25	Moss	Sand	Black	-	-	100%	Moderate	Wet	Mixed	Decomposed moss in sample
NCR-644	502350	June 19, 2022	DT & JMW	Humus	5860750	630905	3	10	Moss	Sand	Black	-	-	100%	Poor	Dry	Pines	Charcoal present

HUMUS SAMPLE PRINCIPLE ANALYSES

SAMPLE	TYPE	Northing	Easting	Ag INAA	Ag ICP	As INAA	Au INAA	Ba INAA	Br INAA	Co INAA	Cr INAA	Cu ICP	La INAA	Mn ICP	Mo INAA	Pb ICP	Zn INAA	Zn ICP
NCR-004	Humus	5860413	630311	<2		5	0.5	200	12	9	34	15	11.2		1.7		10	
NCR-005	Humus	5860426	630303	<2		6	0.5	300	11	17	56	20	14.5		0.25		10	
NCR-009	Humus	5860499	630299	<2		4	6	200	15	17	75	31	4.6		0.25		10	
NCR-010	Humus	5860515	630296	<2		3	0.5	100	10	8	22	8	5.4		0.25		10	
NCR-012	Humus	5860550	630309	<2		22	3	400	24	54	108	40	62.5		6		10	
NCR-013	Humus	5860575	630298	<2		3	0.5	0.5	15	2	4	5	5		0.5		10	
NCR-014	Humus	5860570	630406	<2		7	2	500	19	23	65	31	35.9		5.4		10	
NCR-015	Humus	5860554	630401	<2		5	0.5	300	18	14	50	34	28.1		1.3		10	
NCR-016	Humus	5860541	630398	<2		4	6	200	18	23	24	40	5.5		0.25		10	
NCR-017	Humus	5860500	630401	<2		5	0.5	200	12	4	28	5	5		0.5		10	
NCR-018	Humus	5860477	630400	<2		8	1	300	22	20	84	48	23.7		2.6		10	
NCR-019	Humus	5860447	630405	<2		3	0.5	200	21	19	8	17	6.5		0.7		10	
NCR-020	Humus	5860592	630500	<2		3	0.5	100	21	6	8	67	6.8		1.2		10	
NCR-021	Humus	5860578	630500	<2		3	1	0.5	27	2	5	12	1.5		1.5		10	
NCR-023	Humus	5860468	630506	<2		26	3	700	23	35	219	335	78.8		1.7		10	
NCR-030	Humus	5858176	626840	<2		4	0.5	300	18	5	121	4	5		0.25		10	
NCR-040	Humus	5858784	627100	<2		5	0.5	300	42	7	6	7	1.6		1.5		10	
NCR-041	Humus	5858804	627095	<2		56	1	500	48	9	78	13	9.8		3.5		10	
NCR-042	Humus	5858828	627100	<2		7	0.5	200	34	3	8	3	3		3		10	
NCR-052	Humus	5858900	627206	<2		9	0.5	600	96	18	22	80	8.5		26.4		10	
NCR-053	Humus	5858873	627200	<2		26	0.5	500	42	5	10	13	4.2		4.1		10	
NCR-054	Humus	5858855	627200	<2		8	0.5	300	48	4	8	7	2.3		1		10	
NCR-055	Humus	5858828	627197	<2		3	1	300	44	4	17	9	4.7		1.1		10	
NCR-056	Humus	5858800	627202	<2		6	2	400	65	18	104	44	48		5.8		10	
NCR-058	Humus	5858670	627196	<2		5	0.5	400	30	15	98	19	12.1		0.25		10	
NCR-061	Humus	5858600	627200	<2		2	0.5	500	33	13	33	33	35.8		3		10	
NCR-101	Humus	5860585	630294	<2		5	1	500	32	21	37	20	38.8		0.8		10	
NCR-104	Humus	5860495	630205	<2		13	8	1000	6	10	186	27	21		0.25		10	
NCR-109	Humus	5860571	630089	<2		2	0.5	0.5	18	2	4	14	4.6		0.25		10	
NCR-110	Humus	5860534	630100	<2		3	0.5	200	22	7	11	23	48.7		0.25		10	
NCR-111	Humus	5860505	630104	<2		8	0.5	400	28	23	55	41	145		0.25		10	
NCR-150	Humus	5858755	627305	<2		3	2	200	27	5	11	8	4.7		1.3		10	
NCR-151	Humus	5858778	627293	<2		1	0.5	0.5	30	0.5	7	4	2		1.8		10	
NCR-152	Humus	5858801	627305	<2		4	0.5	0.5	23	0.5	4	5	2.1		0.25		10	
NCR-153	Humus	5858856	627295	<2		7	0.5	100	30	9	7	4	3		0.25		10	
NCR-154	Humus	5858903	627303	<2		5	6	200	27	3	31	9	3.6		0.6		10	
NCR-155	Humus	5858926	627299	<2		26	0.5	500	40	11	136	53	22.4		8.8		10	
NCR-156	Humus	5858953	627303	<2		6	0.5	100	29	3	5	4	1.7		0.25		10	
NCR-157	Humus	5858943	627402	<2		2	0.5	600	12	8	240	4	12.1		0.25		10	
NCR-158	Humus	5858875	627398	<2		5	0.5	200	32	3	8	2	2.5		0.25		10	
NCR-159	Humus	5858850	627399	<2		4	0.5	200	33	3	9	3	2.6		0.25		10	
NCR-162	Humus	5858862	627499	<2		6	0.5	100	35	0.5	5	1	1.9		0.25		10	
NCR-163	Humus	5858902	627499	<2		4	0.5	0.5	32	6	9	4	2.8		0.25		10	
NCR-168	Humus	5858502	627100	<2		6	0.5	500	12	18	280	23	16.3		0.25		10	
NCR-169	Humus	5858473	627099	<2		2	0.5	0.5	35	2	5	7	3.2		0.25		10	

HUMUS SAMPLE PRINCIPLE ANALYSES

SAMPLE	TYPE	Northing	Easting	Ag INAA	Ag ICP	As INAA	Au INAA	Ba INAA	Br INAA	Co INAA	Cr INAA	Cu ICP	La INAA	Mn ICP	Mo INAA	Pb ICP	Zn INAA	Zn ICP
NCR-201	Humus	5860003	630009	<2		4	3	50	20	19	23	89	51.6		0.5		10	
NCR-203	Humus	5860052	630001	<2		3	2	500	7	5	48	22	14.2		0.6		10	
NCR-204	Humus	5860079	629998	<2		3	1	300	9	6	24	7	5.6		0.25		10	
NCR-205	Humus	5860110	630001	<2		2	0.5	300	9	18	19	11	7.4		1.2		10	
NCR-209	Humus	5860161	629902	<2		3	0.5	500	8	4	27	15	6.9		1		10	
NCR-210	Humus	5860129	629898	<2		4	22	500	6	19	333	20	10.5		0.25		10	
NCR-211	Humus	5860109	629895	<2		5	0.5	500	8	21	69	15	15.9		0.25		10	
NCR-213	Humus	5860050	629912	<2		43	7	400	7	12	31	12	9.7		0.25		10	
NCR-218	Humus	5859997	629800	<2		3	2	300	9	7	28	15	5.7		0.25		10	
NCR-219	Humus	5860022	629799	<2		3	0.5	300	11	5	20	7	8.1		0.6		10	
NCR-220	Humus	5860050	629801	<2		4	0.5	200	11	4	21	8	9		0.25		10	
NCR-302	Humus	5860220	629432	<2		0.5	1	50	19	0.5	4	4	2.5		7.2		30	
NCR-303	Humus	5860195	629437	<2		1	0.5	200	24	3	4	11	3.3		0.9		10	
NCR-304	Humus	5860177	629432	<2		8	6	700	16	11	86	13	27.1		0.25		20	
NCR-305	Humus	5860146	629420	<2		2	0.5	300	22	7	30	29	22.4		8.1		10	
NCR-306	Humus	5860128	629398	<2		2	0.5	200	16	5	17	10	8.8		6.3		10	
NCR-310	Humus	5860101	629499	<2		5	0.5	600	16	17	84	23	27.7		4.3		10	
NCR-311	Humus	5860122	629498	<2		3	0.5	300	25	10	19	14	6.9		2.1		10	
NCR-315	Humus	5860226	629499	<2		1	8	100	23	5	12	14	12.3		1.4		10	
NCR-316	Humus	5860246	629503	<2		1	0.5	200	21	2	8	9	2.5		3.3		10	
NCR-317	Humus	5860272	629498	<2		0.5	0.5	50	15	1	3	5	1.4		3.4		10	
NCR-320	Humus	5860201	629603	<2		2	1	200	22	4	6	13	7.7		0.25		10	
NCR-321	Humus	5860177	629596	<2		1	0.5	50	19	2	5	4	2		1.9		10	
NCR-322	Humus	5860145	629594	<2		1	0.5	100	18	1	7	6	4		0.9		10	
NCR-323	Humus	5860120	629598	<2		2	1	100	17	4	10	13	6.6		0.6		10	
NCR-324	Humus	5860092	629598	<2		4	0.5	100	22	4	12	17	4.9		2		10	
NCR-325	Humus	5860074	629599	<2		28	0.5	600	29	24	92	360	23.5		0.25		10	
NCR-326	Humus	5860054	629598	<2		10	6	400	17	23	77	38	18.5		0.25		10	
NCR-329	Humus	5860049	629706	<2		4	2	300	10	6	32	10	10.6		0.25		10	
NCR-330	Humus	5860073	629698	<2		4	2	300	9	3	21	8	7		0.6		10	
NCR-331	Humus	5860102	629703	<2		11	2	500	32	41	70	49	64.8		1.2		10	
NCR-332	Humus	5860129	629701	<2		1	0.5	100	18	1	6	6	3		2.6		10	
NCR-333	Humus	5860143	629704	<2		2	0.5	50	20	1	5	10	2.5		2.2		10	
NCR-334	Humus	5860178	629699	<2		2	2	200	19	4	8	10	15		0.6		10	
NCR-500	***STD OREAS 47***			*< 5*	*0.1*	*10.5*	*31*	*340*	*0.25*	*61*	*119*	*172*	*33.2*	*365*	*0.5*	*294*	*2.5*	*229*
NCR-501	Humus	5860600	630100	< 5	0.1	0.25	1	2.5	23.9	0.5	13	14	9.5	36	0.5	5	2.5	16
NCR-502	Humus	5860575	630100	< 5	0.1	4.7	1	2.5	21.4	4	28	19	8.5	211	0.5	4	2.5	18
NCR-504	Humus	5860575	630150	< 5	0.2	9.2	1	2.5	24.3	10	56	44	40.9	225	0.5	4	2.5	13
NCR-505	Humus	5860549	630153	< 5	0.1	8.5	1	2.5	25.3	21	47	30	31.3	801	0.5	5	2.5	7
NCR-507	Humus	5860504	630145	< 5	0.7	6.2	1	290	7.2	9	47	25	8.6	74	0.5	26	2.5	18
NCR-513	Humus	5860407	630055	< 5	0.4	6.1	1	590	0.25	13	36	10	10.4	**5080**	0.5	29	2.5	42
NCR-517	Humus	5860511	630050	< 5	0.1	5.2	19	2.5	21	6	2.5	28	4.6	482	0.5	2	2.5	5
NCR-518	Humus	5860520	630056	< 5	0.1	5.8	8	2.5	35.9	2	2.5	133	6.9	202	0.5	1	2.5	6
NCR-521	Humus	5860671	630800	< 5	0.1	8.5	15	2.5	18.2	15	77	74	35.2	161	0.5	8	2.5	19
NCR-524	Humus	5860771	630800	< 5	0.1	13.7	14	2.5	10.1	8	103	14	23.2	96	0.5	20	2.5	17

HUMUS SAMPLE PRINCIPLE ANALYSES

SAMPLE	TYPE	Northing	Easting	Ag INAA	Ag ICP	As INAA	Au INAA	Ba INAA	Br INAA	Co INAA	Cr INAA	Cu ICP	La INAA	Mn ICP	Mo INAA	Pb ICP	Zn INAA	Zn ICP
NCR-526	Humus	5860796	630813	< 5	0.1	12.1	17	2.5	41.7	7	18	51	17.8	34	27	1	2.5	3
NCR-528	Humus	5860801	630900	< 5	0.6	4.8	1	310	10.5	8	27	17	12.5	1600	0.5	42	2.5	15
NCR-600	***STD OREAS 47***			*<5*	*0.1*	*8.2*	*60*	*280*	*0.25*	*53*	*93*	*180*	*28.3*	*372*	*0.5*	*306*	*2.5*	*238*
NCR-604	Humus	5860532	630443	< 5	0.1	7.7	1	2.5	20.5	15	21	53	7.8	804	0.5	13	2.5	13
NCR-606	Humus	5860550	630454	< 5	0.1	6.7	1	2.5	15.8	4	16	34	4.1	538	0.5	4	2.5	5
NCR-607	Humus	5860575	630448	< 5	0.1	6.9	1	2.5	16.2	7	28	24	11.5	612	0.5	4	2.5	8
NCR-610	Humus	5860645	630452	< 5	0.1	11.3	16	410	19.9	10	55	602	26	1130	0.5	5	2.5	15
NCR-611	Humus	5860600	630356	< 5	0.1	7.8	10	2.5	16.6	0.5	36	62	19.9	65	0.5	3	2.5	9
NCR-612	Humus	5860573	630353	< 5	0.1	10.9	20	2.5	14.1	43	78	70	20.2	4000	0.5	16	2.5	42
NCR-614	Humus	5860528	630350	< 5	0.1	8.3	1	400	7.4	5	37	15	7	180	0.5	27	2.5	12
NCR-615	Humus	5860504	630351	< 5	0.1	11.5	20	2.5	0.25	6	50	16	4.7	166	0.5	89	2.5	19
NCR-617	Humus	5860475	630350	< 5	0.1	8	1	190	10.4	4	31	7	5.6	76	0.5	28	2.5	13
NCR-618	Humus	5860456	630345	< 5	0.1	9.9	1	240	38.8	63	77	152	63.4	3300	0.5	3	2.5	17
NCR-619	Humus	5860429	630353	< 5	0.1	8.7	14	2.5	38.5	11	29	46	7.3	3160	0.5	6	2.5	6
NCR-621	Humus	5860423	630244	< 5	0.1	7.6	10	2.5	14.1	0.5	10	8	3.1	318	0.5	22	2.5	31
NCR-622	Humus	5860446	630250	< 5	0.1	7.8	12	2.5	14.8	0.5	15	8	3.6	203	0.5	29	2.5	14
NCR-623	Humus	5860473	630246	< 5	0.1	6.4	1	2.5	16.9	7	34	36	5.1	162	0.5	39	2.5	27
NCR-624	Humus	5860501	630249	< 5	0.1	7.1	9	230	9.9	2	14	7	4.8	164	0.5	31	2.5	12
NCR-625	Humus	5860531	630248	< 5	0.1	8	10	2.5	8.4	4	24	6	4.4	73	0.5	24	2.5	17
NCR-627	Humus	5860572	630254	< 5	0.1	8.3	12	2.5	8	4	24	6	6.1	45	0.5	25	2.5	19
NCR-628	Humus	5860830	630997	< 5	0.5	8	11	220	12.6	0.5	22	9	4.1	1490	0.5	22	2.5	21
NCR-629	Humus	5860804	630999	< 5	0.1	7.6	20	2.5	8	4	20	6	7.5	97	0.5	22	2.5	13
NCR-630	Humus	5860779	631000	< 5	0.1	7.1	1	2.5	14.6	0.5	8	3	3	37	0.5	19	2.5	9
NCR-631	Humus	5860754	630994	< 5	0.1	6.6	17	2.5	15.1	2	2.5	3	1.8	37	0.5	10	2.5	5
NCR-632	Humus	5860727	631001	< 5	0.1	6.8	17	2.5	15.1	0.5	2.5	7	2.7	154	0.5	5	2.5	6
NCR-633	Humus	5860698	631002	< 5	0.1	8.6	12	2.5	17.2	2	2.5	19	3.5	257	0.5	1	2.5	5
NCR-634	Humus	5860671	631000	< 5	0.1	10.5	13	2.5	8.6	3	18	9	7.3	42	0.5	15	2.5	14
NCR-635	Humus	5860657	630996	< 5	0.1	11.4	8	2.5	10.9	4	8	5	3.8	31	0.5	21	2.5	10
NCR-637	Humus	5860597	630901	< 5	0.1	13	41	2.5	11.8	10	114	15	4.6	386	0.5	8	2.5	35
NCR-638	Humus	5860628	630899	< 5	0.1	13.4	25	2.5	12.4	5	20	11	6.6	65	0.5	12	2.5	12
NCR-639	Humus	5860653	630905	< 5	0.1	16	28	2.5	12.4	7	48	5	5	87	0.5	18	2.5	13
NCR-641	Humus	5860674	630900	< 5	0.1	13.4	20	2.5	17.4	5	10	11	5	675	0.5	6	2.5	7
NCR-642 A	Humus	5860700	630898	< 5	0.1	6.1	26	2.5	25	0.5	14	8	2.1	341	0.5	1	2.5	4
NCR-642 B	Humus	5860728	630900	< 5	0.1	10.4	1	2.5	38.9	24	47	28	30.5	1660	0.5	3	2.5	8
NCR-644	Humus	5860750	630905	< 5	0.1	9.8	1	2.5	13.8	4	28	11	6.9	136	0.5	12	2.5	11

APPENDIX THREE:
2021 & 2022 SOIL SAMPLE CERTIFICATES OF ANALYSIS

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-12299**
Report Date: **01-Sep-21**
Date Submitted: **30-Jun-21**
Your Reference: **North Caribou River**

Romios Gold Resources Inc.
500 2 Toronto Street
Toronto Ontario M5C 2B6
Canada

ATTN: John Biczok

CERTIFICATE OF ANALYSIS

116 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E	QOP AquaGeo (Multi-element Aqua Regia ICPOES)	2021-07-23 21:44:55
2A-15g	QOP INAAGEO (Humus INAA)	2021-07-29 12:39:46
7-EnhESE-Enhanced Enzyme Selective Extraction	QOP Enzyme (7-EnhESE-Enhanced Enzyme Selective Extraction ICPMS)	2021-07-29 23:11:19

REPORT **A21-12299**

Notes:

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

Footnote: INAA data may be suppressed due to high concentrations of some analytes.

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Cu	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
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NCR-02																							
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Analyte Symbol	Cu	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
NCR-62																							
NCR-63																							
NCR-64																							
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NCR-167																							
NCR-170																							
NCR-171																							
NCR-04	15	< 1	< 2	5	200	12	< 0.5	9	34	< 0.5	0.95	1.5	< 0.5	< 5	1.7	4000	< 10	< 20	0.5	3.3	< 2	< 100	< 0.5
NCR-05	20	< 1	< 2	6	300	11	< 0.5	17	56	< 0.5	1.29	1.1	< 0.5	< 5	< 0.5	5600	< 10	< 20	0.4	4.3	< 2	< 100	< 0.5
NCR-09	31	6	< 2	4	200	15	1.6	17	75	< 0.5	2.26	1.0	< 0.5	< 5	< 0.5	4600	< 10	< 20	0.5	11.1	< 2	< 100	< 0.5
NCR-10	8	< 1	< 2	3	100	10	< 0.5	8	22	1.7	0.40	0.8	< 0.5	< 5	< 0.5	2000	< 10	30	0.4	1.6	< 2	< 100	< 0.5
NCR-12	40	3	< 2	22	400	24	3.8	54	108	< 0.5	2.51	1.4	< 0.5	< 5	6.0	6700	< 10	< 20	0.4	6.3	< 2	< 100	< 0.5
NCR-13	5	< 1	< 2	3	< 100	15	1.4	2	4	< 0.5	0.19	< 0.5	< 0.5	< 5	0.5	400	< 10	< 20	0.2	0.7	< 2	< 100	< 0.5
NCR-14	31	2	< 2	7	500	19	4.9	23	65	2.1	1.68	1.4	< 0.5	< 5	5.4	5500	< 10	< 20	0.5	5.4	< 2	< 100	< 0.5
NCR-15	34	< 1	< 2	5	300	18	3.5	14	50	1.9	1.60	1.4	< 0.5	< 5	1.3	3300	< 10	< 20	0.5	4.7	< 2	< 100	< 0.5
NCR-16	40	6	< 2	4	200	18	3.2	23	24	1.4	0.89	< 0.5	< 0.5	< 5	< 0.5	1100	20	< 20	0.4	2.7	< 2	< 100	< 0.5
NCR-17	5	< 1	< 2	5	200	12	0.5	4	28	< 0.5	0.38	0.9	< 0.5	< 5	0.5	2400	30	< 20	0.7	1.8	< 2	< 100	< 0.5
NCR-18	48	1	< 2	8	300	22	5.5	20	84	< 0.5	1.37	1.3	0.5	< 5	2.6	4300	< 10	< 20	0.6	5.3	< 2	< 100	< 0.5
NCR-19	17	< 1	< 2	3	200	21	6.2	19	8	< 0.5	0.33	< 0.5	< 0.5	< 5	0.7	700	< 10	< 20	0.6	1.0	< 2	< 100	< 0.5
NCR-20	67	< 1	< 2	3	100	21	5.9	6	8	< 0.5	0.30	< 0.5	< 0.5	< 5	1.2	700	< 10	< 20	0.3	1.7	< 2	< 100	< 0.5
NCR-21	12	1	< 2	3	< 100	27	6.2	2	5	< 0.5	0.15	< 0.5	< 0.5	< 5	1.5	300	< 10	< 20	0.3	0.5	< 2	< 100	< 0.5
NCR-23	335	3	< 2	26	700	23	6.2	35	219	0.6	3.05	3.7	< 0.5	< 5	1.7	18300	< 10	20	0.5	16.5	< 2	< 100	< 0.5
NCR-30	4	< 1	< 2	4	300	18	4.1	5	121	< 0.5	0.42	1.5	< 0.5	< 5	< 0.5	5700	< 10	< 20	0.3	2.2	< 2	< 100	< 0.5
NCR-40	7	< 1	< 2	5	300	42	7.4	7	6	< 0.5	0.52	< 0.5	< 0.5	< 5	1.5	400	< 10	< 20	0.4	0.5	< 2	< 100	< 0.5
NCR-41	13	1	< 2	56	500	48	7.2	9	78	1.1	2.50	1.8	< 0.5	< 5	3.5	6200	< 10	< 20	0.2	3.8	< 2	< 100	< 0.5
NCR-42	3	< 1	< 2	7	200	34	6.2	3	8	< 0.5	0.23	< 0.5	< 0.5	< 5	3.0	600	< 10	< 20	0.3	0.8	< 2	< 100	< 0.5
NCR-49	5	< 1	< 2	3	100	26	5.7	< 1	18	< 0.5	0.35	< 0.5	< 0.5	< 5	< 0.5	1100	< 10	< 20	0.2	1.3	< 2	< 100	< 0.5
NCR-52	80	< 1	< 2	9	600	96	9.0	18	22	< 0.5	0.52	0.8	0.8	< 5	26.4	800	40	< 20	0.9	2.3	6	< 100	< 0.5
NCR-53	13	< 1	< 2	26	500	42	8.2	5	10	0.8	0.94	< 0.5	< 0.5	< 5	4.1	700	< 10	< 20	0.3	1.1	< 2	< 100	< 0.5
NCR-54	7	< 1	< 2	8	300	48	5.7	4	8	< 0.5	1.18	< 0.5	< 0.5	< 5	1.0	400	< 10	< 20	0.3	0.7	< 2	< 100	< 0.5
NCR-55	9	1	< 2	3	300	44	7.3	4	17	< 0.5	0.73	0.6	< 0.5	< 5	1.1	900	< 10	< 20	0.3	1.4	< 2	< 100	< 0.5
NCR-56	44	2	< 2	6	400	65	6.3	18	104	1.3	2.31	2.0	0.7	< 5	5.8	6500	< 10	40	0.3	7.2	< 2	< 100	< 0.5
NCR-58	19	< 1	< 2	5	400	30	6.4	15	98	< 0.5	1.21	2.0	< 0.5	< 5	< 0.5	8500	< 10	< 20	0.9	4.0	< 2	< 100	< 0.5
NCR-61	33	< 1	< 2	2	500	33	3.0	13	33	1.5	1.85	1.0	0.6	< 5	3.0	1300	< 10	< 20	0.2	4.1	< 2	< 100	< 0.5
NCR-101	20	1	< 2	5	500	32	4.4	21	37	0.8	0.78	0.9	0.6	< 5	0.8	2700	< 10	< 20	0.5	2.8	< 2	< 100	< 0.5
NCR-104	27	8	< 2	13	1000	6	< 0.5	10	186	< 0.5	2.30	4.7	< 0.5	< 5	< 0.5	30100	< 10	30	0.6	10.5	< 2	< 100	< 0.5
NCR-109	14	< 1	< 2	2	< 100	18	4.4	2	4	< 0.5	0.18	< 0.5	< 0.5	< 5	< 0.5	400	< 10	< 20	0.2	0.6	< 2	< 100	< 0.5
NCR-110	23	< 1	< 2	3	200	22	5.1	7	11	< 0.5	0.53	< 0.5	< 0.5	< 5	< 0.5	600	< 10	< 20	0.4	2.8	< 2	< 100	< 0.5
NCR-111	41	< 1	< 2	8	400	28	< 0.5	23	55	< 0.5	2.26	< 0.5	< 0.5	< 5	< 0.5	2300	< 10	< 20	0.4	10.4	< 2	< 100	< 0.5
NCR-150	8	2	< 2	3	200	27	5.9	5	11	< 0.5	0.81	< 0.5	< 0.5	< 5	1.3	600	< 10	< 20	0.2	1.0	< 2	< 100	< 0.5
NCR-151	4	< 1	< 2	1	< 100	30	5.0	< 1	7	< 0.5	0.19	< 0.5	< 0.5	< 5	1.8	400	< 10	< 20	0.1	0.6	< 2	< 100	< 0.5
NCR-152	5	< 1	< 2	4	< 100	23	3.8	< 1	4	< 0.5	0.16	< 0.5	< 0.5	< 5	< 0.5	400	< 10	< 20	0.4	0.4	< 2	< 100	< 0.5

Analyte Symbol	Cu	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
NCR-153	4	< 1	< 2	7	100	30	6.6	9	7	< 0.5	1.51	< 0.5	< 0.5	< 5	< 0.5	600	< 10	< 20	0.1	0.8	< 2	< 100	< 0.5
NCR-154	9	6	< 2	5	200	27	5.9	3	31	< 0.5	0.67	0.7	< 0.5	< 5	0.6	2000	< 10	< 20	0.3	1.3	< 2	< 100	< 0.5
NCR-155	53	< 1	< 2	26	500	40	3.1	11	136	1.1	2.92	2.5	< 0.5	< 5	8.8	11000	< 10	< 20	0.1	6.4	< 2	< 100	< 0.5
NCR-156	4	< 1	< 2	6	100	29	4.9	3	5	< 0.5	0.66	< 0.5	< 0.5	< 5	< 0.5	400	< 10	< 20	0.4	0.4	< 2	< 100	< 0.5
NCR-157	4	< 1	< 2	2	600	12	< 0.5	8	240	0.5	1.21	5.2	< 0.5	< 5	< 0.5	20300	< 10	< 20	< 0.1	6.9	< 2	< 100	< 0.5
NCR-158	2	< 1	< 2	5	200	32	5.7	3	8	< 0.5	0.79	< 0.5	< 0.5	< 5	< 0.5	600	< 10	< 20	0.3	0.6	< 2	< 100	< 0.5
NCR-159	3	< 1	< 2	4	200	33	5.5	3	9	< 0.5	0.69	< 0.5	< 0.5	< 5	< 0.5	800	< 10	< 20	0.3	0.9	< 2	< 100	< 0.5
NCR-162	1	< 1	< 2	6	100	35	3.6	< 1	5	0.9	0.40	< 0.5	< 0.5	< 5	< 0.5	400	< 10	< 20	0.3	0.5	< 2	< 100	< 0.5
NCR-163	4	< 1	< 2	4	< 100	32	2.6	6	9	< 0.5	0.54	< 0.5	< 0.5	< 5	< 0.5	600	< 10	< 20	0.2	1.1	< 2	< 100	< 0.5
NCR-168	23	< 1	< 2	6	500	12	< 0.5	18	280	< 0.5	2.82	2.5	< 0.5	< 5	< 0.5	14900	< 10	< 20	0.1	8.8	< 2	< 100	< 0.5
NCR-169	7	< 1	< 2	2	< 100	35	4.3	2	5	< 0.5	0.29	< 0.5	< 0.5	< 5	< 0.5	400	< 10	< 20	0.3	0.6	< 2	< 100	< 0.5
NCR-000	1700	31	< 2	37	< 100	< 1	< 0.5	22	30	< 0.5	4.94	1.5	< 0.5	< 5	40.2	20500	< 10	< 20	1.3	24.5	< 2	< 100	< 0.5
NCR-066	1660	39	< 2	37	< 100	< 1	< 0.5	23	32	< 0.5	5.04	1.9	< 0.5	< 5	37.9	20700	< 10	< 20	0.8	25.2	< 2	< 100	< 0.5
NCR-128	1690	30	< 2	39	< 100	< 1	< 0.5	23	28	< 0.5	4.86	1.3	< 0.5	< 5	37.4	20800	< 10	< 20	0.8	24.8	< 2	< 100	< 0.5

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Al	Ca	Fe	K	Mg	Na	Cl	Br	I	V
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb
Lower Limit	0.5	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.5	5	1	5	2	5	1000	1	1	0.1
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-01														66.0	36	10	28	10	13	19000	380	59	18.3
NCR-02														32.8	20	6	18	11	11	17000	144	55	11.0
NCR-03														23.6	13	9	7	9	8	5000	69	18	8.6
NCR-06														19.6	14	16	16	12	12	7000	116	29	76.4
NCR-07														99.9	20	37	52	18	16	23000	364	73	48.8
NCR-08														32.1	202	9	12	19	15	10000	195	58	27.8
NCR-11														7.4	34	4	8	16	7	7000	27	11	24.3
NCR-22														6.4	18	5	6	11	6	4000	24	11	83.2
NCR-24														28.5	17	2	18	3	< 5	6000	70	13	4.0
NCR-25														28.6	11	6	13	4	6	5000	65	8	16.5
NCR-26														26.9	11	1	12	< 2	8	7000	69	12	6.5
NCR-27														30.8	21	4	10	3	9	6000	84	17	10.5
NCR-28														34.6	22	8	9	4	< 5	5000	72	14	10.1
NCR-29														22.4	22	5	6	< 2	11	9000	44	6	4.9
NCR-31														7.1	87	4	< 5	7	7	5000	47	8	7.3
NCR-32														23.0	35	4	32	8	6	5000	62	15	4.0
NCR-33														22.6	7	2	12	< 2	< 5	4000	69	12	2.1
NCR-34														15.4	16	2	11	< 2	< 5	4000	54	11	3.1
NCR-102														19.5	25	12	12	7	< 5	4000	75	23	42.0
NCR-103														18.2	26	9	14	14	8	6000	58	25	39.1
NCR-105														10.6	12	11	17	15	8	5000	60	21	122
NCR-106														12.8	24	9	23	11	7	5000	42	19	29.9
NCR-107														42.8	9	15	11	5	8	5000	61	24	12.3
NCR-108														36.6	30	7	34	18	8	7000	111	26	5.2
NCR-112														15.9	54	11	30	19	8	8000	68	28	18.9
NCR-113														24.3	48	6	42	19	< 5	4000	83	21	11.6
NCR-114														2.1	34	1	32	11	< 5	5000	10	5	43.0
NCR-115														12.3	30	10	41	10	< 5	4000	55	16	32.9
NCR-116														21.1	22	8	29	8	< 5	3000	46	13	11.4
NCR-117														17.1	70	10	78	17	6	8000	50	14	37.5
NCR-118														29.5	72	8	39	19	7	4000	76	23	19.5
NCR-119														37.3	9	13	10	5	9	7000	115	27	24.1
NCR-120														34.3	12	4	23	3	< 5	4000	73	13	9.9
NCR-121														16.3	9	< 1	5	< 2	< 5	2000	38	7	4.9
NCR-122														28.8	14	2	17	< 2	< 5	3000	89	15	4.5
NCR-123														31.9	9	8	9	< 2	< 5	3000	66	15	10.9
NCR-35														30.3	33	1	24	4	< 5	3000	51	9	8.6
NCR-36														29.9	7	4	15	< 2	< 5	3000	38	10	4.0
NCR-37														20.9	11	1	9	< 2	< 5	2000	54	9	2.2
NCR-38														22.2	< 5	2	8	< 2	< 5	3000	63	10	0.9
NCR-43														35.1	36	7	12	6	7	5000	91	20	7.6
NCR-44														46.9	17	6	22	4	7	7000	92	20	16.4
NCR-45														45.5	21	5	26	8	5	4000	81	19	8.2
NCR-46														31.2	50	6	18	21	12	7000	55	16	15.1
NCR-47														16.9	65	4	18	15	8	6000	48	11	6.6
NCR-48														24.4	57	4	16	8	13	4000	42	14	9.6
NCR-50														36.4	15	3	19	3	< 5	4000	41	10	5.3
NCR-51														27.5	11	4	16	< 2	5	5000	57	12	3.1
NCR-57														11.2	72	4	< 5	8	< 5	2000	42	12	13.5
NCR-59														18.1	61	5	5	11	6	4000	50	18	13.1

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Al	Ca	Fe	K	Mg	Na	Cl	Br	I	V
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb
Lower Limit	0.5	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.5	5	1	5	2	5	1000	1	1	0.1
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-60														26.9	24	7	< 5	3	7	3000	54	9	18.2
NCR-62														24.1	48	10	123	18	7	6000	92	33	24.3
NCR-63														14.3	63	8	48	14	5	6000	63	27	31.1
NCR-64														17.1	59	6	63	22	7	6000	39	22	38.3
NCR-65														16.4	19	9	23	8	< 5	5000	67	15	32.0
NCR-124														35.0	7	9	10	< 2	< 5	3000	59	14	6.4
NCR-125														23.5	< 5	2	5	< 2	< 5	2000	64	11	3.0
NCR-126														21.5	21	8	8	9	5	3000	32	12	42.3
NCR-127														38.7	14	6	15	4	< 5	3000	101	14	2.8
NCR-160														31.9	13	5	5	2	< 5	3000	55	13	2.4
NCR-161														37.4	10	10	7	5	< 5	5000	64	19	8.4
NCR-164														21.5	21	2	8	7	< 5	3000	63	15	8.8
NCR-165														30.3	15	8	6	< 2	< 5	2000	50	10	7.4
NCR-166														34.3	12	6	< 5	< 2	< 5	2000	29	7	4.6
NCR-167														59.3	8	13	11	4	7	5000	110	30	6.0
NCR-170														25.9	12	4	10	< 2	< 5	3000	99	15	5.0
NCR-171														22.6	17	3	6	2	< 5	4000	112	15	0.3
NCR-04	2.3	0.3	< 1	< 20	11.2	23	15	1.2	0.3	< 0.2	0.5	< 0.1	15.6										
NCR-05	2.5	1.6	< 1	< 20	14.5	28	11	1.4	0.4	< 0.2	0.7	< 0.1	15.8										
NCR-09	1.0	0.6	< 1	< 20	4.6	10	4	1.0	0.3	< 0.2	0.9	< 0.1	15.8										
NCR-10	1.1	0.5	< 1	< 20	5.4	10	< 3	0.5	< 0.2	< 0.2	0.4	< 0.1	15.7										
NCR-12	7.1	4.2	< 1	< 20	62.5	131	67	5.9	1.4	1.0	1.5	0.1	15.7										
NCR-13	0.8	0.2	< 1	< 20	5.0	10	6	0.5	< 0.2	< 0.2	0.3	< 0.1	15.6										
NCR-14	6.9	2.5	< 1	< 20	35.9	94	45	3.9	0.7	< 0.2	1.3	< 0.1	15.7										
NCR-15	4.6	1.4	< 1	< 20	28.1	53	27	3.0	0.8	< 0.2	1.0	< 0.1	15.9										
NCR-16	1.0	1.2	< 1	< 20	5.5	11	10	0.8	0.2	< 0.2	0.5	< 0.1	15.8										
NCR-17	1.3	0.1	< 1	< 20	5.0	9	7	0.7	< 0.2	< 0.2	0.4	< 0.1	15.5										
NCR-18	3.8	2.0	< 1	< 20	23.7	42	33	2.7	0.6	0.6	1.0	< 0.1	15.7										
NCR-19	1.3	0.7	< 1	< 20	6.5	12	6	0.8	0.2	< 0.2	0.4	< 0.1	15.7										
NCR-20	1.0	1.3	< 1	< 20	6.8	10	8	1.0	0.3	< 0.2	0.7	< 0.1	15.6										
NCR-21	0.5	< 0.1	< 1	< 20	1.5	3	< 3	0.2	< 0.2	< 0.2	0.1	< 0.1	15.3										
NCR-23	16.4	2.5	< 1	< 20	78.8	105	68	7.9	1.8	0.5	3.8	0.5	15.9										
NCR-30	1.7	0.9	< 1	< 20	5.0	10	< 3	0.6	0.2	< 0.2	0.4	< 0.1	15.7										
NCR-40	< 0.5	0.2	< 1	< 20	1.6	4	7	0.3	< 0.2	< 0.2	0.1	< 0.1	15.8										
NCR-41	3.6	3.9	< 1	< 20	9.8	20	15	1.5	0.3	0.3	0.8	< 0.1	15.7										
NCR-42	0.9	0.2	< 1	< 20	3.0	6	6	0.5	< 0.2	< 0.2	0.3	< 0.1	15.8										
NCR-49	1.5	0.5	< 1	< 20	4.0	7	7	0.6	< 0.2	< 0.2	0.3	< 0.1	15.5										
NCR-52	2.6	35.3	< 1	< 20	8.5	16	22	0.9	0.3	< 0.2	0.6	< 0.1	15.6										
NCR-53	1.2	2.7	< 1	< 20	4.2	8	4	0.5	< 0.2	< 0.2	0.3	< 0.1	15.8										
NCR-54	1.0	1.5	< 1	< 20	2.3	4	10	0.3	< 0.2	< 0.2	0.3	< 0.1	15.8										
NCR-55	1.7	1.4	< 1	< 20	4.7	10	8	0.7	< 0.2	< 0.2	0.4	< 0.1	15.4										
NCR-56	11.0	5.3	< 1	< 20	48.0	97	57	5.6	1.3	< 0.2	1.8	0.2	15.9										
NCR-58	3.1	1.6	< 1	< 20	12.1	25	10	1.7	0.5	0.3	0.8	< 0.1	15.9										
NCR-61	5.8	4.8	< 1	< 20	35.8	72	50	4.4	1.0	0.5	1.3	0.2	15.4										
NCR-101	4.3	4.2	< 1	< 20	38.8	65	35	3.1	0.6	< 0.2	1.0	< 0.1	15.5										
NCR-104	5.9	2.8	< 1	< 20	21.0	44	17	2.3	0.7	< 0.2	1.5	0.3	15.9										
NCR-109	0.9	< 0.1	< 1	< 20	4.6	7	8	0.4	< 0.2	< 0.2	0.1	< 0.1	15.9										
NCR-110	4.2	2.3	< 1	< 20	48.7	85	67	4.4	1.0	0.2	1.5	< 0.1	15.5										
NCR-111	12.9	5.4	< 1	< 20	145	364	158	14.2	3.7	1.2	3.3	0.3	15.8										
NCR-150	1.4	1.0	< 1	< 20	4.7	8	6	0.6	< 0.2	< 0.2	0.3	< 0.1	15.9										

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Al	Ca	Fe	K	Mg	Na	Cl	Br	I	V
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb
Lower Limit	0.5	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.5	5	1	5	2	5	1000	1	1	0.1
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-151	0.6	0.2	< 1	< 20	2.0	4	< 3	0.3	< 0.2	< 0.2	0.1	< 0.1	15.9										
NCR-152	0.6	0.2	< 1	< 20	2.1	4	< 3	0.3	< 0.2	< 0.2	0.2	< 0.1	16.0										
NCR-153	1.1	1.3	< 1	< 20	3.0	6	< 3	0.4	< 0.2	< 0.2	0.2	< 0.1	15.6										
NCR-154	1.5	1.7	< 1	< 20	3.6	7	10	0.5	< 0.2	< 0.2	0.3	< 0.1	15.6										
NCR-155	5.9	8.9	< 1	< 20	22.4	45	21	2.7	0.6	< 0.2	1.2	0.2	15.8										
NCR-156	0.7	0.1	< 1	< 20	1.7	3	< 3	0.2	< 0.2	< 0.2	0.2	< 0.1	15.6										
NCR-157	5.2	0.7	< 1	< 20	12.1	24	7	1.7	0.7	< 0.2	1.0	0.1	15.6										
NCR-158	0.9	< 0.1	< 1	< 20	2.5	5	8	0.4	< 0.2	< 0.2	0.3	< 0.1	15.9										
NCR-159	1.1	0.2	< 1	< 20	2.6	5	< 3	0.4	< 0.2	< 0.2	0.3	< 0.1	15.6										
NCR-162	0.6	< 0.1	< 1	< 20	1.9	4	8	0.3	< 0.2	< 0.2	0.2	< 0.1	15.4										
NCR-163	0.9	0.7	< 1	< 20	2.8	6	< 3	0.4	< 0.2	< 0.2	0.3	< 0.1	15.8										
NCR-168	5.3	0.8	< 1	< 20	16.3	31	12	1.9	0.7	< 0.2	0.8	< 0.1	15.9										
NCR-169	0.9	1.2	< 1	< 20	3.2	6	< 3	0.4	< 0.2	< 0.2	0.2	< 0.1	15.7										
NCR-000	0.5	0.6	< 1	< 20	4.2	12	< 3	2.1	0.8	< 0.2	2.2	0.3	15.9										
NCR-066	0.5	< 0.1	< 1	< 20	4.5	8	11	2.1	0.7	< 0.2	2.2	0.3	15.9										
NCR-128	< 0.5	< 0.1	< 1	< 20	4.6	12	6	2.1	1.0	< 0.2	2.2	0.2	15.9										

Analyte Symbol	As	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.1	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-01	11.0	5	0.4	0.44	< 0.5	0.3	0.033	0.032	< 0.1	1.49	1.14	78.3	57	61	65	2.1	0.8	0.68	< 0.1	1.8	< 0.01	< 0.2	0.198
NCR-02	7.9	< 1	0.2	0.24	< 0.5	0.3	0.008	0.056	< 0.1	1.42	0.85	87.2	78	30	48	1.4	0.7	0.44	< 0.1	1.4	< 0.01	0.2	0.195
NCR-03	5.6	< 1	0.1	0.21	< 0.5	0.2	0.008	0.025	< 0.1	0.66	0.51	26.6	54	21	64	3.0	0.8	0.38	< 0.1	0.9	< 0.01	< 0.2	0.283
NCR-06	11.9	1	1.0	0.41	< 0.5	0.4	0.018	0.019	0.6	0.47	0.34	33.0	55	65	79	1.7	1.9	0.63	< 0.1	1.3	< 0.01	< 0.2	0.065
NCR-07	20.5	3	1.4	0.74	< 0.5	0.7	0.031	0.032	0.6	2.42	1.49	101	140	97	83	12.7	3.5	1.63	< 0.1	2.1	0.02	< 0.2	0.575
NCR-08	11.5	4	0.8	0.65	< 0.5	0.3	0.034	0.041	0.3	3.28	2.22	28.8	32	45	24	13.6	1.3	1.06	< 0.1	0.9	< 0.01	< 0.2	0.158
NCR-11	13.1	< 1	1.1	0.33	< 0.5	0.3	0.007	< 0.005	0.2	0.94	0.42	33.8	29	17	21	1.7	1.2	0.32	< 0.1	0.5	< 0.01	< 0.2	0.114
NCR-22	5.4	< 1	0.9	0.20	< 0.5	0.4	0.007	0.024	0.2	0.34	0.25	18.1	19	8	34	1.7	1.7	0.29	< 0.1	0.8	< 0.01	< 0.2	0.217
NCR-24	0.9	< 1	< 0.1	0.12	< 0.5	0.1	0.011	< 0.005	0.2	0.38	0.30	6.3	19	5	30	4.0	0.4	0.16	< 0.1	1.3	< 0.01	< 0.2	0.079
NCR-25	2.3	< 1	< 0.1	0.08	< 0.5	< 0.1	0.011	0.021	0.2	0.31	0.29	8.7	36	5	80	2.8	0.4	0.24	< 0.1	2.8	< 0.01	< 0.2	0.134
NCR-26	0.7	< 1	0.1	0.11	< 0.5	< 0.1	< 0.005	0.015	0.3	0.42	0.61	6.6	18	5	48	3.0	0.6	0.52	< 0.1	1.4	< 0.01	< 0.2	0.116
NCR-27	1.0	< 1	< 0.1	0.08	< 0.5	0.1	0.026	0.023	0.1	1.79	0.54	9.3	27	6	< 5	0.6	0.5	0.52	< 0.1	0.5	< 0.01	< 0.2	0.116
NCR-28	2.1	< 1	< 0.1	0.30	< 0.5	0.2	0.009	0.026	0.1	1.54	0.37	19.2	47	12	32	1.6	0.4	0.37	< 0.1	0.6	< 0.01	< 0.2	0.150
NCR-29	0.7	< 1	< 0.1	0.20	< 0.5	< 0.1	0.010	0.010	0.3	0.14	0.15	5.4	18	2	37	1.6	0.5	0.24	< 0.1	0.2	< 0.01	< 0.2	0.040
NCR-31	1.3	< 1	< 0.1	0.12	< 0.5	< 0.1	< 0.005	0.022	0.3	0.19	0.12	3.6	9	2	7	1.2	0.4	0.12	< 0.1	0.2	< 0.01	< 0.2	< 0.005
NCR-32	3.5	< 1	< 0.1	0.14	< 0.5	< 0.1	< 0.005	0.016	0.3	1.66	0.50	14.6	28	4	23	5.1	0.3	0.30	< 0.1	1.6	< 0.01	< 0.2	0.090
NCR-33	0.4	< 1	< 0.1	0.10	< 0.5	< 0.1	< 0.005	0.018	0.3	0.27	0.32	10.0	14	6	26	3.6	0.5	0.20	< 0.1	2.2	< 0.01	< 0.2	0.087
NCR-34	1.1	< 1	0.3	0.06	< 0.5	< 0.1	< 0.005	0.018	0.1	0.20	0.21	42.0	13	3	25	4.7	1.0	0.10	< 0.1	1.4	< 0.01	< 0.2	0.166
NCR-102	18.1	< 1	0.3	0.21	< 0.5	< 0.1	0.008	0.017	< 0.1	1.20	0.76	14.7	36	21	28	2.4	1.9	0.49	< 0.1	1.1	< 0.01	< 0.2	0.056
NCR-103	24.1	< 1	0.5	0.37	< 0.5	0.2	0.010	0.005	0.2	2.04	1.48	32.6	50	24	39	3.2	2.2	0.47	< 0.1	1.4	< 0.01	< 0.2	0.126
NCR-105	24.1	< 1	0.6	0.39	< 0.5	0.2	0.006	0.008	0.5	1.16	0.61	15.1	38	12	197	2.1	2.5	0.39	< 0.1	1.4	< 0.01	< 0.2	0.058
NCR-106	10.1	< 1	0.5	0.38	< 0.5	0.1	< 0.005	0.007	0.3	0.54	0.38	48.4	45	6	47	2.5	1.6	0.39	< 0.1	0.8	< 0.01	< 0.2	0.038
NCR-107	6.2	< 1	< 0.1	0.28	< 0.5	0.1	< 0.005	< 0.005	0.2	1.33	0.66	22.8	43	11	39	2.6	1.6	0.66	< 0.1	0.7	< 0.01	< 0.2	0.222
NCR-108	5.6	< 1	0.1	0.30	< 0.5	0.2	0.007	0.026	0.2	0.78	0.65	38.3	77	19	47	1.6	0.4	0.27	< 0.1	0.8	< 0.01	< 0.2	0.207
NCR-112	8.9	2	3.0	0.59	< 0.5	0.4	0.012	0.015	0.5	3.05	1.43	401	64	40	34	2.9	2.9	0.73	< 0.1	0.9	< 0.01	< 0.2	0.803
NCR-113	9.6	< 1	0.1	0.32	< 0.5	< 0.1	0.010	0.012	0.2	1.76	0.67	16.2	44	11	11	1.7	0.8	0.38	< 0.1	0.2	< 0.01	< 0.2	0.031
NCR-114	4.2	< 1	1.6	0.28	< 0.5	0.3	< 0.005	< 0.005	0.3	0.09	0.08	15.3	19	3	37	1.0	1.3	< 0.05	< 0.1	0.9	< 0.01	< 0.2	< 0.005
NCR-115	2.9	< 1	0.5	0.29	< 0.5	0.1	< 0.005	< 0.005	0.2	0.52	0.33	69.6	41	6	49	2.4	1.5	0.27	< 0.1	0.8	< 0.01	< 0.2	< 0.005
NCR-116	1.6	< 1	< 0.1	0.30	< 0.5	0.1	< 0.005	0.005	0.3	0.71	0.46	15.3	37	9	60	2.8	1.3	0.30	< 0.1	0.7	< 0.01	< 0.2	0.015
NCR-117	5.1	< 1	0.6	0.30	< 0.5	0.2	0.009	< 0.005	0.5	1.46	0.54	19.3	40	18	48	4.8	1.9	0.47	< 0.1	0.4	< 0.01	< 0.2	0.034
NCR-118	4.1	< 1	0.1	0.18	< 0.5	0.2	< 0.005	0.015	0.3	5.93	0.99	26.6	36	24	28	3.3	1.7	0.80	< 0.1	0.6	< 0.01	< 0.2	0.080
NCR-119	14.9	< 1	< 0.1	0.23	< 0.5	0.3	< 0.005	0.018	0.1	0.65	0.43	26.5	50	34	37	1.7	1.7	0.37	< 0.1	1.1	< 0.01	< 0.2	0.128
NCR-120	0.9	< 1	< 0.1	0.23	< 0.5	< 0.1	< 0.005	0.025	0.2	0.40	0.33	10.2	24	6	30	2.6	1.0	0.27	< 0.1	1.4	< 0.01	< 0.2	0.090
NCR-121	0.1	< 1	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005	0.014	0.1	0.03	0.28	4.8	10	3	19	2.6	< 0.3	0.17	< 0.1	1.2	< 0.01	< 0.2	0.100
NCR-122	0.6	< 1	< 0.1	0.09	< 0.5	< 0.1	< 0.005	0.018	0.3	0.48	0.52	5.6	18	4	33	2.6	< 0.3	0.37	< 0.1	0.5	< 0.01	< 0.2	0.121
NCR-123	1.1	< 1	< 0.1	0.22	< 0.5	< 0.1	< 0.005	0.012	0.2	0.26	0.25	12.7	27	4	42	3.3	1.4	0.35	< 0.1	1.0	< 0.01	< 0.2	0.073
NCR-35	0.5	< 1	< 0.1	0.12	< 0.5	< 0.1	0.007	0.013	0.2	0.46	0.27	7.8	21	5	32	2.3	0.4	0.24	< 0.1	1.2	< 0.01	< 0.2	0.054
NCR-36	2.5	< 1	< 0.1	0.09	< 0.5	< 0.1	< 0.005	0.014	0.2	0.41	0.32	11.1	18	8	39	5.1	0.7	0.17	< 0.1	1.7	< 0.01	< 0.2	0.092
NCR-37	0.1	< 1	< 0.1	0.06	< 0.5	< 0.1	0.006	0.012	< 0.1	0.17	0.30	4.2	11	5	29	3.7	0.6	0.16	< 0.1	0.5	< 0.01	< 0.2	0.078
NCR-38	0.8	< 1	< 0.1	0.15	< 0.5	< 0.1	< 0.005	0.012	0.2	0.58	0.46	19.3	22	10	67	5.7	0.7	0.23	< 0.1	1.1	< 0.01	< 0.2	0.189
NCR-43	1.7	< 1	< 0.1	0.19	< 0.5	< 0.1	< 0.005	< 0.005	0.1	0.75	0.49	18.6	63	9	48	1.8	0.6	0.37	< 0.1	1.4	< 0.01	< 0.2	0.137
NCR-44	2.4	< 1	< 0.1	0.03	< 0.5	< 0.1	< 0.005	< 0.005	0.1	1.48	0.45	76.6	52	9	94	1.5	1.0	0.41	< 0.1	3.6	< 0.01	< 0.2	0.177
NCR-45	1.7	< 1	< 0.1	0.03	< 0.5	< 0.1	< 0.005	0.009	< 0.1	0.95	0.44	68.4	72	20	75	0.8	0.7	0.43	< 0.1	3.3	< 0.01	< 0.2	0.134
NCR-46	2.8	< 1	< 0.1	0.10	< 0.5	< 0.1	< 0.005	0.006	0.2	0.63	0.32	41.9	35	14	60	1.4	1.0	0.26	< 0.1	1.5	< 0.01	< 0.2	0.125
NCR-47	1.2	< 1	< 0.1	0.14	< 0.5	< 0.1	0.005	0.013	0.2	0.49	0.26	7.5	13	5	15	0.8	0.6	0.09	< 0.1	0.5	< 0.01	< 0.2	< 0.005
NCR-48	2.1	< 1	0.2	0.17	< 0.5	< 0.1	< 0.005	0.015	0.2	1.53	0.62	32.0	36	11	16	2.2	1.0	0.31	< 0.1	0.8	< 0.01	< 0.2	0.116
NCR-50	0.8	< 1	< 0.1	0.12	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	0.49	0.36	23.7	63	5	22	1.9	0.4	0.25	< 0.1	2.8	< 0.01	< 0.2	0.063
NCR-51	0.9	< 1	< 0.1	0.19	< 0.5	< 0.1	< 0.005	0.026	< 0.1	0.75	0.50	16.4	30	12	24	1.7	0.4	0.46	< 0.1	0.9	< 0.01	< 0.2	0.092
NCR-57	1.6	< 1	0.3	0.02	< 0.5	0.1	< 0.005	0.014	0.2	0.78	0.39	6.1	16	10	< 5	0.1	0.6	0.22	< 0.1	< 0.1	< 0.01	< 0.2	0.053
NCR-59	3.2	< 1	0.2	0.30	< 0.5	0.1	0.007	0.011	0.1	2.02	0.53	17.9	28	17	21	1.2	0.7	0.47	< 0.1	1.1	< 0.01	< 0.2	0.167

Analyte Symbol	As	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.1	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-60	1.8	< 1	< 0.1	0.07	< 0.5	< 0.1	< 0.005	0.026	< 0.1	0.34	0.25	9.0	51	9	21	0.7	1.0	0.23	< 0.1	0.4	< 0.01	< 0.2	0.092
NCR-62	8.6	< 1	0.4	0.20	< 0.5	0.1	0.006	0.015	0.3	2.17	0.76	27.0	42	14	23	3.4	1.7	0.42	< 0.1	0.6	< 0.01	< 0.2	0.037
NCR-63	5.6	< 1	1.0	0.15	< 0.5	0.1	< 0.005	0.010	0.2	2.08	0.58	32.8	46	25	82	1.4	1.8	0.46	< 0.1	1.5	< 0.01	< 0.2	0.109
NCR-64	4.7	< 1	1.3	0.23	< 0.5	0.2	< 0.005	0.012	0.3	1.42	0.60	31.7	50	13	54	2.4	1.9	0.41	< 0.1	1.6	< 0.01	< 0.2	0.068
NCR-65	3.7	< 1	0.4	0.20	< 0.5	0.1	0.011	0.020	< 0.1	0.90	0.40	47.8	40	16	79	3.2	1.7	0.32	< 0.1	1.8	< 0.01	< 0.2	0.085
NCR-124	1.3	< 1	0.2	0.19	< 0.5	0.1	< 0.005	0.014	0.3	0.47	0.50	11.9	22	5	68	2.9	1.0	0.46	< 0.1	1.1	< 0.01	< 0.2	0.153
NCR-125	0.3	< 1	< 0.1	0.09	< 0.5	< 0.1	< 0.005	0.015	< 0.1	0.17	0.45	3.8	9	6	30	3.0	0.4	0.16	< 0.1	1.5	< 0.01	3.7	0.122
NCR-126	3.7	< 1	0.1	0.17	< 0.5	< 0.1	0.006	< 0.005	< 0.1	0.43	0.30	22.6	50	24	36	1.8	1.7	0.24	< 0.1	1.5	< 0.01	< 0.2	0.205
NCR-127	1.8	< 1	< 0.1	0.10	< 0.5	< 0.1	0.006	0.014	0.5	0.43	0.42	19.0	45	13	51	3.7	0.5	0.36	< 0.1	0.8	< 0.01	< 0.2	0.113
NCR-160	2.0	< 1	< 0.1	0.12	< 0.5	< 0.1	0.010	0.007	0.3	1.14	0.60	18.6	32	32	23	1.8	0.4	0.63	< 0.1	0.8	< 0.01	< 0.2	0.074
NCR-161	3.4	< 1	< 0.1	0.11	< 0.5	< 0.1	< 0.005	0.008	0.2	1.90	0.52	54.5	80	55	67	2.5	0.9	0.56	< 0.1	2.8	< 0.01	< 0.2	0.304
NCR-164	0.1	< 1	< 0.1	0.21	< 0.5	< 0.1	< 0.005	0.015	0.4	0.34	0.47	4.1	8	4	25	2.7	0.4	0.40	< 0.1	0.2	< 0.01	< 0.2	0.088
NCR-165	1.3	< 1	< 0.1	0.16	< 0.5	< 0.1	< 0.005	0.026	0.2	0.23	0.27	10.0	26	2	24	2.1	0.6	0.39	< 0.1	0.5	< 0.01	< 0.2	0.086
NCR-166	0.6	< 1	< 0.1	0.09	< 0.5	< 0.1	< 0.005	0.022	0.1	0.25	0.27	6.6	28	3	40	1.7	0.5	0.35	< 0.1	0.3	< 0.01	< 0.2	0.089
NCR-167	8.1	< 1	< 0.1	0.16	< 0.5	< 0.1	0.009	0.008	0.3	1.33	0.73	76.0	75	33	87	3.2	0.7	1.02	< 0.1	2.7	< 0.01	< 0.2	0.139
NCR-170	0.9	< 1	< 0.1	0.11	< 0.5	< 0.1	0.011	0.011	0.3	0.22	0.33	17.1	42	4	52	3.7	0.8	0.23	< 0.1	1.0	< 0.01	< 0.2	0.168
NCR-171	0.9	< 1	< 0.1	0.09	< 0.5	< 0.1	0.007	0.024	0.1	0.22	0.45	8.5	32	8	28	1.6	< 0.3	0.26	< 0.1	0.9	< 0.01	< 0.2	0.086
NCR-04																							
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NCR-110																							
NCR-111																							
NCR-150																							

Analyte Symbol	As	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.1	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
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NCR-169																							
NCR-000																							
NCR-066																							
NCR-128																							

Analyte Symbol	Bi	Ti	Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.5	10	3	0.05	0.1	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-01	< 0.5	150	33	4.54	5.6	0.2	0.23	0.03	5.97	12.4	1.56	5.70	1.24	0.34	1.16	0.19	1.05	0.22	0.58	0.08	0.59	0.07	13.0
NCR-02	< 0.5	170	20	3.68	5.6	0.2	0.13	0.02	5.87	12.1	1.34	5.18	1.04	0.27	0.73	0.15	0.82	0.16	0.53	0.07	0.43	0.09	20.8
NCR-03	< 0.5	240	15	1.61	2.2	0.3	0.08	0.03	2.16	4.00	0.46	1.78	0.32	0.16	0.34	0.05	0.34	0.07	0.22	0.03	0.19	< 0.01	30.3
NCR-06	< 0.5	960	23	1.58	2.5	0.6	0.10	0.04	0.78	1.55	0.20	0.73	0.23	0.07	0.20	0.04	0.31	0.06	0.27	0.04	0.29	0.02	12.7
NCR-07	< 0.5	1120	50	5.01	9.1	0.7	0.26	0.06	9.48	18.5	2.08	7.43	1.37	0.41	1.24	0.19	1.09	0.21	0.59	0.07	0.56	0.08	29.4
NCR-08	< 0.5	310	34	10.7	8.0	0.4	0.26	0.03	25.9	51.8	6.05	22.1	3.45	0.79	2.81	0.46	2.21	0.43	1.35	0.19	1.22	0.20	15.8
NCR-11	< 0.5	570	17	1.40	3.2	1.0	0.11	0.05	3.41	7.51	0.78	2.89	0.48	0.13	0.40	0.05	0.33	0.05	0.18	0.02	0.15	< 0.01	20.7
NCR-22	< 0.5	670	16	0.60	3.0	1.1	0.08	0.06	0.58	1.21	0.17	0.60	0.11	0.05	0.11	0.01	0.12	0.02	0.07	0.01	0.08	< 0.01	3.5
NCR-24	< 0.5	50	13	1.13	2.3	< 0.1	0.07	0.02	2.71	3.49	0.36	1.46	0.26	0.11	0.23	0.04	0.25	0.05	0.13	0.02	0.10	< 0.01	7.5
NCR-25	< 0.5	80	16	0.71	1.5	< 0.1	0.07	0.02	1.43	2.57	0.28	1.01	0.20	0.10	0.15	0.02	0.15	0.02	0.11	0.01	0.06	< 0.01	3.0
NCR-26	< 0.5	90	7	6.23	2.1	< 0.1	0.07	< 0.02	14.1	24.1	2.43	9.05	1.30	0.39	1.17	0.17	1.03	0.20	0.54	0.06	0.36	0.05	5.8
NCR-27	< 0.5	70	16	6.92	7.4	< 0.1	0.25	< 0.02	13.3	26.5	2.73	10.2	1.86	0.49	1.54	0.25	1.38	0.25	0.81	0.11	0.73	0.11	6.5
NCR-28	< 0.5	150	17	2.56	5.1	0.3	0.20	0.03	3.65	11.5	0.87	3.46	0.69	0.25	0.56	0.08	0.61	0.10	0.33	0.04	0.27	0.02	6.2
NCR-29	< 0.5	40	9	0.60	0.6	< 0.1	< 0.01	< 0.02	0.69	1.44	0.19	0.67	0.15	0.04	0.10	0.02	0.11	0.02	0.07	< 0.01	0.05	< 0.01	0.5
NCR-31	< 0.5	90	9	0.35	0.8	< 0.1	0.03	< 0.02	0.54	0.95	0.12	0.45	0.12	0.03	0.07	< 0.01	0.07	0.01	0.04	< 0.01	0.04	< 0.01	1.1
NCR-32	< 0.5	110	17	3.18	6.7	0.3	0.26	< 0.02	4.35	11.2	1.11	4.17	0.78	0.30	0.73	0.13	0.69	0.14	0.44	0.05	0.35	0.05	10.8
NCR-33	< 0.5	40	9	1.03	1.3	< 0.1	0.05	< 0.02	1.73	2.74	0.33	1.16	0.21	0.10	0.19	0.03	0.20	0.03	0.14	0.01	0.10	< 0.01	5.7
NCR-34	< 0.5	30	7	1.10	0.9	< 0.1	0.05	< 0.02	2.31	4.51	0.39	1.46	0.24	0.10	0.22	0.03	0.21	0.04	0.12	0.01	0.09	< 0.01	2.1
NCR-102	< 0.5	610	23	1.77	3.2	1.2	0.08	0.06	4.48	8.45	0.90	3.17	0.57	0.18	0.46	0.06	0.42	0.07	0.23	0.03	0.21	< 0.01	15.8
NCR-103	< 0.5	1070	32	2.89	5.5	2.0	0.17	0.10	6.87	14.3	1.52	5.56	1.00	0.26	0.74	0.13	0.62	0.13	0.37	0.05	0.32	0.04	13.2
NCR-105	< 0.5	490	52	1.19	3.9	1.6	0.13	0.06	1.56	3.10	0.37	1.37	0.24	0.09	0.24	0.04	0.29	0.04	0.14	0.02	0.14	< 0.01	13.5
NCR-106	< 0.5	530	28	1.09	3.1	0.7	0.11	0.04	1.82	2.88	0.36	1.40	0.25	0.11	0.24	0.04	0.23	0.04	0.13	0.02	0.11	< 0.01	6.8
NCR-107	< 0.5	380	27	1.94	4.2	0.6	0.14	0.04	4.41	7.97	0.89	3.08	0.53	0.18	0.49	0.07	0.43	0.08	0.23	0.03	0.22	0.01	23.2
NCR-108	< 0.5	150	16	1.45	2.1	0.1	0.09	< 0.02	2.66	4.94	0.55	2.01	0.37	0.14	0.33	0.05	0.32	0.07	0.14	0.02	0.18	< 0.01	23.5
NCR-112	< 0.5	450	20	2.90	7.7	0.9	0.29	0.05	8.57	35.8	2.02	7.23	1.33	0.29	0.89	0.14	0.65	0.12	0.41	0.05	0.28	0.03	42.8
NCR-113	< 0.5	200	23	1.73	4.4	0.3	0.16	< 0.02	4.54	8.06	0.92	3.41	0.63	0.18	0.42	0.07	0.38	0.07	0.24	0.03	0.19	0.04	10.0
NCR-114	< 0.5	610	10	0.18	1.1	0.7	0.03	0.04	0.20	0.30	0.04	0.13	0.03	0.03	0.03	< 0.01	0.02	< 0.01	0.01	< 0.01	0.02	< 0.01	< 0.5
NCR-115	< 0.5	310	23	0.80	3.3	0.4	0.11	< 0.02	1.20	2.08	0.30	1.13	0.25	0.10	0.16	0.02	0.21	0.03	0.10	< 0.01	0.09	< 0.01	17.0
NCR-116	< 0.5	290	24	1.30	3.6	0.3	0.12	0.03	2.34	3.96	0.44	1.78	0.33	0.14	0.29	0.05	0.29	0.06	0.14	0.02	0.16	0.01	6.3
NCR-117	< 0.5	580	29	1.26	5.4	0.9	0.20	0.06	2.96	4.79	0.59	1.95	0.32	0.11	0.30	0.04	0.29	0.05	0.14	0.02	0.15	< 0.01	29.3
NCR-118	< 0.5	490	32	9.05	14.7	1.3	0.56	0.07	17.3	44.1	3.95	13.8	2.44	0.63	2.18	0.37	1.94	0.38	1.08	0.15	0.94	0.12	34.8
NCR-119	< 0.5	460	26	2.17	5.1	0.4	0.18	0.03	1.67	3.18	0.42	1.53	0.37	0.14	0.36	0.08	0.44	0.09	0.29	0.05	0.31	0.03	10.3
NCR-120	< 0.5	130	13	1.78	2.7	< 0.1	0.11	< 0.02	1.94	3.22	0.37	1.44	0.31	0.13	0.26	0.05	0.35	0.06	0.20	0.03	0.18	0.01	2.4
NCR-121	< 0.5	20	6	2.07	0.3	< 0.1	< 0.01	< 0.02	3.02	4.68	0.56	2.06	0.39	0.13	0.36	0.05	0.31	0.06	0.20	0.02	0.13	< 0.01	3.2
NCR-122	< 0.5	40	25	4.04	2.6	< 0.1	0.10	< 0.02	9.12	12.9	1.41	5.11	0.92	0.28	0.86	0.13	0.68	0.14	0.36	0.05	0.32	0.03	5.4
NCR-123	< 0.5	140	15	0.76	1.8	0.1	0.07	< 0.02	1.04	1.76	0.21	0.79	0.15	0.10	0.13	0.02	0.14	0.02	0.07	0.01	0.08	< 0.01	3.4
NCR-35	< 0.5	80	14	1.35	2.5	< 0.1	0.08	< 0.02	2.71	4.14	0.46	1.73	0.37	0.18	0.32	0.05	0.27	0.06	0.16	0.02	0.13	< 0.01	2.9
NCR-36	< 0.5	60	18	1.99	2.0	< 0.1	0.07	< 0.02	4.19	5.71	0.71	2.46	0.43	0.22	0.38	0.05	0.37	0.07	0.20	0.03	0.13	< 0.01	6.1
NCR-37	< 0.5	20	8	1.25	1.1	< 0.1	0.03	< 0.02	3.70	4.57	0.46	1.55	0.26	0.13	0.24	0.03	0.24	0.04	0.11	0.01	0.09	< 0.01	1.2
NCR-38	< 0.5	40	8	2.58	2.2	< 0.1	0.07	< 0.02	5.79	11.4	1.05	3.70	0.62	0.22	0.61	0.08	0.45	0.09	0.27	0.03	0.23	0.02	9.4
NCR-43	< 0.5	140	28	1.99	2.8	0.1	0.10	0.03	2.51	5.18	0.63	2.38	0.54	0.17	0.41	0.06	0.44	0.08	0.24	0.03	0.25	0.02	13.9
NCR-44	< 0.5	230	28	3.23	4.9	0.2	0.20	< 0.02	3.99	8.16	0.85	3.16	0.68	0.26	0.54	0.11	0.61	0.14	0.44	0.06	0.40	0.04	21.4
NCR-45	< 0.5	180	19	2.04	3.6	0.2	0.12	0.02	2.79	5.45	0.58	2.21	0.42	0.23	0.38	0.07	0.39	0.08	0.24	0.03	0.27	0.03	14.7
NCR-46	< 0.5	360	25	1.62	2.7	0.3	0.08	< 0.02	1.25	2.45	0.27	1.15	0.23	0.15	0.25	0.03	0.32	0.06	0.21	0.03	0.19	0.02	13.0
NCR-47	< 0.5	160	13	1.35	1.4	0.1	0.05	< 0.02	1.17	2.19	0.28	1.17	0.27	0.10	0.26	0.05	0.28	0.04	0.16	0.02	0.14	< 0.01	2.1
NCR-48	< 0.5	200	14	2.19	3.4	0.2	0.13	< 0.02	4.91	9.29	1.06	3.63	0.74	0.16	0.59	0.09	0.50	0.09	0.27	0.03	0.18	< 0.01	4.5
NCR-50	< 0.5	90	13	2.07	2.5	< 0.1	0.08	< 0.02	3.15	5.27	0.63	2.46	0.48	0.14	0.40	0.07	0.37	0.08	0.23	0.04	0.22	0.02	13.4
NCR-51	< 0.5	60	21	4.00	2.4	< 0.1	0.11	< 0.02	6.25	12.3	1.45	5.28	0.96	0.34	0.84	0.14	0.70	0.14	0.48	0.05	0.41	0.03	22.3
NCR-57	< 0.5	380	10	1.64	2.4	1.0	0.07	0.05	3.74	8.64	1.05	3.87	0.78	0.19	0.53	0.08	0.42	0.08	0.20	0.02	0.13	0.01	6.3
NCR-59	< 0.5	190	17	3.58	6.7	0.4	0.28	0.02	7.83	20.8	1.73	6.71	1.21	0.34	0.99	0.17	0.81	0.16	0.46	0.06	0.43	0.05	5.8

Analyte Symbol	Bi	Ti	Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.5	10	3	0.05	0.1	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-60	< 0.5	500	9	1.49	1.3	0.6	0.04	0.03	2.13	4.82	0.52	1.92	0.44	0.13	0.36	0.05	0.33	0.06	0.16	0.02	0.14	< 0.01	10.1
NCR-62	< 0.5	520	38	2.59	7.9	1.0	0.27	0.05	4.16	8.62	0.87	3.38	0.67	0.22	0.59	0.10	0.58	0.10	0.33	0.04	0.26	0.03	12.7
NCR-63	< 0.5	460	30	1.88	6.6	0.8	0.28	0.05	3.99	8.75	0.92	3.45	0.63	0.31	0.52	0.08	0.43	0.08	0.24	0.03	0.21	0.02	13.5
NCR-64	< 0.5	420	18	1.84	6.2	0.6	0.25	0.03	3.34	5.46	0.72	2.74	0.49	0.33	0.46	0.06	0.39	0.07	0.26	0.02	0.22	0.02	16.2
NCR-65	< 0.5	470	31	1.32	3.2	0.6	0.12	0.03	2.04	4.09	0.47	1.81	0.32	0.14	0.31	0.04	0.25	0.05	0.16	0.02	0.14	< 0.01	24.8
NCR-124	< 0.5	110	14	0.88	2.0	0.1	0.09	< 0.02	1.66	2.79	0.33	1.32	0.22	0.08	0.22	0.03	0.17	0.03	0.10	0.01	0.07	< 0.01	8.4
NCR-125	< 0.5	40	12	1.66	1.1	< 0.1	0.04	< 0.02	2.44	3.60	0.45	1.74	0.33	0.15	0.27	0.05	0.33	0.06	0.17	0.02	0.14	< 0.01	4.7
NCR-126	< 0.5	410	24	1.49	1.9	0.3	0.07	< 0.02	1.53	2.87	0.32	1.30	0.27	0.09	0.25	0.04	0.30	0.05	0.18	0.03	0.16	< 0.01	5.7
NCR-127	< 0.5	90	24	1.47	1.9	0.1	0.08	< 0.02	2.76	4.48	0.48	1.65	0.34	0.18	0.30	0.05	0.30	0.07	0.17	0.02	0.18	< 0.01	17.6
NCR-160	< 0.5	90	17	2.65	2.5	< 0.1	0.10	< 0.02	5.73	11.4	1.32	4.78	0.95	0.30	0.72	0.12	0.56	0.12	0.35	0.05	0.30	0.03	26.6
NCR-161	< 0.5	280	23	2.92	5.1	0.1	0.23	< 0.02	5.28	8.47	0.92	3.20	0.63	0.25	0.68	0.13	0.56	0.11	0.34	0.05	0.29	0.04	14.4
NCR-164	< 0.5	60	13	5.93	2.2	< 0.1	0.08	< 0.02	16.5	12.0	2.23	7.84	1.37	0.41	1.08	0.17	1.04	0.20	0.55	0.08	0.46	0.05	1.9
NCR-165	< 0.5	130	10	0.88	0.8	0.1	0.05	< 0.02	1.34	2.57	0.33	1.20	0.21	0.11	0.21	0.03	0.20	0.03	0.10	0.01	0.08	< 0.01	7.1
NCR-166	< 0.5	200	7	0.86	0.6	0.2	0.03	< 0.02	1.28	2.72	0.30	1.21	0.23	0.08	0.18	0.03	0.14	0.03	0.09	0.01	0.10	< 0.01	4.3
NCR-167	< 0.5	190	47	5.24	4.0	0.2	0.16	< 0.02	3.72	6.68	0.79	3.32	0.78	0.23	0.71	0.16	1.04	0.21	0.64	0.10	0.60	0.09	11.0
NCR-170	< 0.5	80	11	0.87	1.1	< 0.1	0.04	< 0.02	1.23	2.20	0.26	1.06	0.22	0.07	0.15	0.03	0.19	0.03	0.08	< 0.01	0.07	< 0.01	7.8
NCR-171	< 0.5	20	20	1.32	1.1	< 0.1	0.04	< 0.02	1.99	3.38	0.36	1.30	0.23	0.08	0.18	0.04	0.24	0.04	0.15	0.02	0.10	< 0.01	4.4
NCR-04																							
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NCR-111																							
NCR-150																							

Analyte Symbol	Bi	Ti	Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.5	10	3	0.05	0.1	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
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NCR-000																							
NCR-066																							
NCR-128																							

Analyte Symbol	Be	Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.1	10	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-01	2.1	< 10	423	54.2	76.5	0.98	251	< 0.5	< 0.5	< 0.5	< 0.5
NCR-02	3.2	< 10	340	34.8	136	0.67	386	< 0.5	< 0.5	< 0.5	< 0.5
NCR-03	1.7	< 10	215	57.4	118	0.76	765	< 0.5	< 0.5	< 0.5	< 0.5
NCR-06	0.6	< 10	459	24.8	47.4	0.17	121	< 0.5	< 0.5	< 0.5	< 0.5
NCR-07	5.3	< 10	363	182	151	2.93	698	< 0.5	< 0.5	< 0.5	< 0.5
NCR-08	1.8	< 10	367	36.2	198	0.34	271	< 0.5	< 0.5	< 0.5	< 0.5
NCR-11	1.5	< 10	1620	15.5	96.3	0.13	445	< 0.5	< 0.5	< 0.5	< 0.5
NCR-22	0.9	< 10	247	32.2	71.9	0.27	291	< 0.5	< 0.5	< 0.5	< 0.5
NCR-24	2.7	< 10	443	73.2	116	0.44	592	< 0.5	< 0.5	< 0.5	< 0.5
NCR-25	2.9	< 10	123	53.6	69.1	0.41	565	< 0.5	< 0.5	< 0.5	< 0.5
NCR-26	3.2	< 10	233	48.6	95.0	0.37	901	< 0.5	< 0.5	< 0.5	< 0.5
NCR-27	4.0	< 10	200	53.7	216	0.45	806	< 0.5	< 0.5	< 0.5	< 0.5
NCR-28	2.3	< 10	118	71.6	143	0.50	684	< 0.5	< 0.5	< 0.5	< 0.5
NCR-29	1.2	< 10	163	56.1	112	0.75	196	< 0.5	< 0.5	< 0.5	< 0.5
NCR-31	0.4	< 10	47.2	28.2	92.5	0.28	107	< 0.5	< 0.5	< 0.5	< 0.5
NCR-32	2.9	< 10	192	123	260	0.54	1080	< 0.5	< 0.5	< 0.5	< 0.5
NCR-33	1.8	< 10	1120	54.7	71.1	0.45	498	< 0.5	< 0.5	< 0.5	< 0.5
NCR-34	1.5	< 10	7080	41.0	149	0.42	491	< 0.5	< 0.5	< 0.5	< 0.5
NCR-102	1.6	< 10	410	43.1	129	0.10	324	< 0.5	< 0.5	< 0.5	< 0.5
NCR-103	2.5	< 10	577	28.7	141	0.10	411	< 0.5	< 0.5	< 0.5	< 0.5
NCR-105	0.6	< 10	591	17.0	97.6	0.06	219	< 0.5	< 0.5	< 0.5	< 0.5
NCR-106	0.9	< 10	4790	23.1	107	0.09	550	< 0.5	< 0.5	< 0.5	< 0.5
NCR-107	2.8	< 10	190	109	99.3	0.49	561	< 0.5	< 0.5	< 0.5	< 0.5
NCR-108	1.9	< 10	817	178	240	2.01	534	< 0.5	< 0.5	< 0.5	< 0.5
NCR-112	1.8	< 10	40300	77.3	229	0.58	592	< 0.5	< 0.5	< 0.5	< 0.5
NCR-113	1.6	< 10	545	125	261	0.73	461	< 0.5	< 0.5	< 0.5	< 0.5
NCR-114	0.2	< 10	1920	11.0	97.8	0.05	245	< 0.5	< 0.5	< 0.5	< 0.5
NCR-115	1.5	< 10	7450	21.2	144	0.05	591	< 0.5	< 0.5	< 0.5	< 0.5
NCR-116	1.4	< 10	546	33.8	130	0.12	593	< 0.5	< 0.5	< 0.5	< 0.5
NCR-117	0.7	< 10	2090	25.7	169	0.28	341	< 0.5	< 0.5	< 0.5	< 0.5
NCR-118	4.4	< 10	437	138	237	0.50	1080	< 0.5	0.6	< 0.5	< 0.5
NCR-119	1.7	< 10	359	28.1	75.4	0.38	201	< 0.5	< 0.5	< 0.5	< 0.5
NCR-120	2.1	< 10	497	62.4	136	0.58	559	< 0.5	< 0.5	< 0.5	< 0.5
NCR-121	1.7	< 10	99.1	54.9	156	0.58	419	< 0.5	< 0.5	< 0.5	< 0.5
NCR-122	3.2	< 10	140	76.4	116	0.70	777	< 0.5	< 0.5	< 0.5	< 0.5
NCR-123	1.5	< 10	427	70.4	123	0.48	392	< 0.5	< 0.5	< 0.5	< 0.5
NCR-35	3.3	< 10	697	90.0	412	0.41	986	< 0.5	< 0.5	< 0.5	< 0.5
NCR-36	3.1	< 10	340	47.0	170	0.36	963	< 0.5	< 0.5	< 0.5	< 0.5
NCR-37	2.2	< 10	217	45.8	141	0.60	508	< 0.5	< 0.5	< 0.5	< 0.5
NCR-38	2.6	< 10	1850	33.8	38.0	0.39	631	< 0.5	< 0.5	< 0.5	< 0.5
NCR-43	2.0	< 10	164	44.2	353	0.47	536	< 0.5	< 0.5	< 0.5	< 0.5
NCR-44	3.2	< 10	4450	150	254	0.91	949	< 0.5	< 0.5	< 0.5	< 0.5
NCR-45	3.0	< 10	2720	220	193	0.90	1700	< 0.5	< 0.5	< 0.5	< 0.5
NCR-46	1.8	< 10	699	86.1	258	0.55	848	< 0.5	< 0.5	< 0.5	< 0.5
NCR-47	1.0	< 10	179	59.6	159	0.29	344	< 0.5	< 0.5	< 0.5	< 0.5
NCR-48	1.5	< 10	2420	67.4	220	0.60	492	< 0.5	< 0.5	< 0.5	< 0.5
NCR-50	3.3	< 10	212	105	164	0.46	483	< 0.5	< 0.5	< 0.5	< 0.5
NCR-51	2.8	< 10	107	54.5	78.8	0.42	1110	< 0.5	< 0.5	< 0.5	< 0.5
NCR-57	1.0	< 10	112	27.8	157	0.31	398	< 0.5	< 0.5	< 0.5	< 0.5
NCR-59	2.3	< 10	189	33.5	191	0.44	580	< 0.5	< 0.5	< 0.5	< 0.5

Analyte Symbol	Be	Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.1	10	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-60	1.5	< 10	109	43.9	103	0.54	292	< 0.5	< 0.5	< 0.5	< 0.5
NCR-62	1.6	< 10	785	46.4	221	0.21	782	< 0.5	< 0.5	< 0.5	< 0.5
NCR-63	0.8	< 10	8170	63.1	237	0.29	1900	< 0.5	< 0.5	< 0.5	< 0.5
NCR-64	1.3	< 10	12200	69.5	210	0.41	1660	< 0.5	< 0.5	< 0.5	< 0.5
NCR-65	1.9	< 10	2870	44.6	89.2	0.17	744	< 0.5	< 0.5	< 0.5	< 0.5
NCR-124	1.6	< 10	527	58.1	45.0	0.80	287	< 0.5	< 0.5	< 0.5	< 0.5
NCR-125	2.1	< 10	95.1	40.4	46.1	0.63	604	< 0.5	< 0.5	< 0.5	< 0.5
NCR-126	1.6	< 10	149	41.5	106	1.57	338	< 0.5	< 0.5	< 0.5	< 0.5
NCR-127	3.2	< 10	128	43.7	99.8	2.12	873	< 0.5	< 0.5	< 0.5	< 0.5
NCR-160	2.7	< 10	117	21.8	76.0	0.65	1090	< 0.5	< 0.5	< 0.5	< 0.5
NCR-161	2.4	< 10	513	21.0	51.2	1.36	1030	< 0.5	< 0.5	< 0.5	< 0.5
NCR-164	2.1	< 10	59.7	32.1	211	0.35	504	< 0.5	< 0.5	< 0.5	< 0.5
NCR-165	1.8	< 10	72.6	51.9	105	0.59	660	< 0.5	< 0.5	< 0.5	< 0.5
NCR-166	1.5	< 10	50.4	34.2	72.4	0.65	217	< 0.5	< 0.5	< 0.5	< 0.5
NCR-167	2.5	< 10	144	32.6	47.9	1.84	161	< 0.5	< 0.5	< 0.5	< 0.5
NCR-170	1.9	< 10	502	73.1	92.6	0.60	242	< 0.5	< 0.5	< 0.5	< 0.5
NCR-171	1.7	< 10	62.0	32.0	105	0.44	300	< 0.5	< 0.5	< 0.5	< 0.5
NCR-04											
NCR-05											
NCR-09											
NCR-10											
NCR-12											
NCR-13											
NCR-14											
NCR-15											
NCR-16											
NCR-17											
NCR-18											
NCR-19											
NCR-20											
NCR-21											
NCR-23											
NCR-30											
NCR-40											
NCR-41											
NCR-42											
NCR-49											
NCR-52											
NCR-53											
NCR-54											
NCR-55											
NCR-56											
NCR-58											
NCR-61											
NCR-101											
NCR-104											
NCR-109											
NCR-110											
NCR-111											
NCR-150											

Analyte Symbol	Be	Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.1	10	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-151											
NCR-152											
NCR-153											
NCR-154											
NCR-155											
NCR-156											
NCR-157											
NCR-158											
NCR-159											
NCR-162											
NCR-163											
NCR-168											
NCR-169											
NCR-000											
NCR-066											
NCR-128											

Analyte Symbol	Cu	Au	Br	Ca	Co	Fe	Na	Zn	La	Ce	Sm	Al	Ca	Fe	K	Mg	Na	Zr	Cl	Br	I	V	As
Unit Symbol	ppm	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	1	1	0.5	1	0.05	100	20	0.1	1	0.1	0.5	5	1	5	2	5	0.1	1000	1	1	0.1	0.1
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-1 Meas														8				7.9		399		77.5	16.3
TILL-1 Cert														48100.00				502000		6400.0		99000	18000
TILL-1 Meas														6				8.6		422		88.2	16.4
TILL-1 Cert														48100.00				502000		6400.0		99000	18000
TILL-1 Meas														7								86.1	
TILL-1 Cert														48100.00								99000	
TILL-1 Meas														7									
TILL-1 Cert														48100.00									
TILL-1 Meas														6									
TILL-1 Cert														48100.00									
TILL-2 Meas														9								65.8	
TILL-2 Cert														38400.00								77000	
TILL-2 Meas														13									
TILL-2 Cert														38400.00									
TILL-2 Meas														15									
TILL-2 Cert														38400.00									
OREAS 45d (Aqua Regia) Meas	349																						
OREAS 45d (Aqua Regia) Cert	345.0																						
OREAS 45d (Aqua Regia) Meas	357																						
OREAS 45d (Aqua Regia) Cert	345.0																						
OREAS 45d (Aqua Regia) Meas	362																						
OREAS 45d (Aqua Regia) Cert	345.0																						
OREAS 45d (Aqua Regia) Meas	366																						
OREAS 45d (Aqua Regia) Cert	345.0																						
OREAS 922 (AQUA REGIA) Meas	2280																						
OREAS 922 (AQUA REGIA) Cert	2176																						
OREAS 922 (AQUA REGIA) Meas	2140																						
OREAS 922 (AQUA REGIA) Cert	2176																						
OREAS 922 (AQUA REGIA)	2080																						

Analyte Symbol	Cu	Au	Br	Ca	Co	Fe	Na	Zn	La	Ce	Sm	Al	Ca	Fe	K	Mg	Na	Zr	Cl	Br	I	V	As
Unit Symbol	ppm	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	1	1	0.5	1	0.05	100	20	0.1	1	0.1	0.5	5	1	5	2	5	0.1	1000	1	1	0.1	0.1
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
Meas																							
OREAS 922 (AQUA REGIA) Cert	2176																						
OREAS 923 (AQUA REGIA) Meas	4840																						
OREAS 923 (AQUA REGIA) Cert	4248																						
OREAS 923 (AQUA REGIA) Meas	4220																						
OREAS 923 (AQUA REGIA) Cert	4248																						
OREAS 923 (AQUA REGIA) Meas	4350																						
OREAS 923 (AQUA REGIA) Cert	4248																						
OREAS 907 (Aqua Regia) Meas	6060																						
OREAS 907 (Aqua Regia) Cert	6370																						
OREAS 907 (Aqua Regia) Meas	6340																						
OREAS 907 (Aqua Regia) Cert	6370																						
L-STD-8 Meas		25	7	3.7	< 1	0.12	400	30	0.7	2	0.1												
L-STD-8 Cert		20.0	5.60	3.67	0.600	0.110	365	32.0	0.800	1.41	0.130												
Oreas 621 (Aqua Regia) Meas	3770																						
Oreas 621 (Aqua Regia) Cert	3660																						
Oreas 621 (Aqua Regia) Meas	3550																						
Oreas 621 (Aqua Regia) Cert	3660																						
Oreas 621 (Aqua Regia) Meas	3540																						
Oreas 621 (Aqua Regia) Cert	3660																						
Oreas 621 (Aqua Regia) Meas	3620																						
Oreas 621 (Aqua Regia) Cert	3660																						
OREAS 263 (Aqua Regia) Meas	84																						
OREAS 263 (Aqua Regia) Cert	87.0																						
OREAS 263 (Aqua Regia) Meas	87																						
OREAS 263	87.0																						

Analyte Symbol	Cu	Au	Br	Ca	Co	Fe	Na	Zn	La	Ce	Sm	Al	Ca	Fe	K	Mg	Na	Zr	Cl	Br	I	V	As
Unit Symbol	ppm	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	1	1	0.5	1	0.05	100	20	0.1	1	0.1	0.5	5	1	5	2	5	0.1	1000	1	1	0.1	0.1
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
(Aqua Regia) Cert																							
OREAS 263 (Aqua Regia) Meas	90																						
OREAS 263 (Aqua Regia) Cert	87.0																						
OREAS 130 (Aqua Regia) Meas	237																						
OREAS 130 (Aqua Regia) Cert	226																						
OREAS 130 (Aqua Regia) Meas	230																						
OREAS 130 (Aqua Regia) Cert	226																						
OREAS 130 (Aqua Regia) Meas	232																						
OREAS 130 (Aqua Regia) Cert	226																						
OREAS 130 (Aqua Regia) Meas	215																						
OREAS 130 (Aqua Regia) Cert	226																						
OREAS 153b (Aqua Regia) Meas	6740																						
OREAS 153b (Aqua Regia) Cert	6700																						
OREAS 153b (Aqua Regia) Meas	6620																						
OREAS 153b (Aqua Regia) Cert	6700																						
OREAS 153b (Aqua Regia) Meas	6590																						
OREAS 153b (Aqua Regia) Cert	6700																						
Oreas 623 (Aqua Regia) Meas	> 10000																						
Oreas 623 (Aqua Regia) Cert	17200																						
Oreas 623 (Aqua Regia) Meas	> 10000																						
Oreas 623 (Aqua Regia) Cert	17200																						
Oreas 623 (Aqua Regia) Meas	> 10000																						
Oreas 623 (Aqua Regia) Cert	17200																						
Oreas 623 (Aqua Regia) Meas	> 10000																						
Oreas 623 (Aqua Regia) Cert	17200																						
OREAS 521 (Aqua Regia)	5740																						

Analyte Symbol	Cu	Au	Br	Ca	Co	Fe	Na	Zn	La	Ce	Sm	Al	Ca	Fe	K	Mg	Na	Zr	Cl	Br	I	V	As
Unit Symbol	ppm	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	1	1	0.5	1	0.05	100	20	0.1	1	0.1	0.5	5	1	5	2	5	0.1	1000	1	1	0.1	0.1
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
Meas																							
OREAS 521 (Aqua Regia) Cert	5990																						
OREAS 521 (Aqua Regia) Meas	5880																						
OREAS 521 (Aqua Regia) Cert	5990																						
DMMAS 123 (Aqua Regia) Meas	235																						
DMMAS 123 (Aqua Regia) Cert	236																						
NCR-11 Orig												7.6	34	4	8	16	7	3.5	7000	27	11	25.4	14.0
NCR-11 Dup												7.2	34	4	7	16	7	2.9	7000	27	10	23.3	12.3
NCR-31 Orig												7.6	88	4	< 5	7	6	0.5	5000	48	8	8.1	1.3
NCR-31 Dup												6.7	85	4	< 5	7	7	1.0	5000	46	8	6.5	1.3
NCR-38 Orig												20.9	< 5	2	7	< 2	< 5	1.9	3000	65	9	0.9	0.7
NCR-38 Dup												23.4	< 5	2	8	< 2	< 5	2.5	3000	62	10	0.9	0.9
NCR-65 Orig												16.0	19	10	23	8	< 5	3.4	5000	65	15	33.6	3.8
NCR-65 Dup												16.7	19	9	23	8	5	3.0	6000	70	15	30.4	3.5
NCR-110 Orig	23																						
NCR-110 Dup	23																						
NCR-000 Orig	1690																						
NCR-000 Dup	1710																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank												< 0.5	< 5	< 1	< 5	< 2	< 5	< 0.1	< 1000	< 1	< 1	< 0.1	< 0.1
Method Blank												< 0.5	< 5	< 1	< 5	< 2	< 5	< 0.1	< 1000	< 1	< 1	< 0.1	< 0.1
Method Blank												< 0.5	< 5	< 1	< 5	< 2	< 5						
Method Blank												< 0.5	< 5	< 1	< 5	< 2	< 5						
Method Blank												< 0.5	< 5	< 1	< 5	< 2	< 5						
Method Blank												< 0.5	< 5	< 1	< 5	< 2	< 5						
Method Blank												< 0.5	< 5	< 1	< 5	< 2	< 5		< 1000	< 1	< 1	< 0.1	< 0.1
Method Blank												< 0.5	< 5	< 1	< 5	< 2	< 5					< 0.1	

Analyte Symbol	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-1 Meas		3.4	46.6				0.031	0.3	2.24	4.03	83.2	20	209	84	28.6								
TILL-1 Cert		2000	7800.0				13	90.0	5600.0	2200.0	18000	24000	47000	98000	22000								
TILL-1 Meas		6.6	45.9				0.048	0.3	1.63	4.62	82.3	20	213	83	23.0								
TILL-1 Cert		2000	7800.0				13	90.0	5600.0	2200.0	18000	24000	47000	98000	22000								
TILL-1 Meas		6.6	45.8						1.79	4.72					24.0								
TILL-1 Cert		2000	7800.0						5600.0	2200.0					22000								
TILL-1 Meas																							
TILL-1 Cert																							
TILL-1 Meas																							
TILL-1 Cert																							
TILL-2 Meas		22.8	1.50		2.4				7.48	11.5					13.9								
TILL-2 Cert		14000	800.0		5000				18400.0	5700.0					31000								
TILL-2 Meas																							
TILL-2 Cert																							
TILL-2 Meas																							
TILL-2 Cert																							
OREAS 45d (Aqua Regia) Meas																							
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OREAS 922 (AQUA REGIA) Meas																							
OREAS 922 (AQUA REGIA) Cert																							
OREAS 923 (AQUA REGIA)																							

Analyte Symbol	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
Meas																							
OREAS 923 (AQUA REGIA) Cert																							
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
L-STD-8 Meas																							
L-STD-8 Cert																							
Oreas 621 (Aqua Regia) Meas																							
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OREAS 263 (Aqua Regia) Meas																							
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OREAS 263 (Aqua Regia) Cert																							
OREAS 263 (Aqua Regia) Meas																							
OREAS 263 (Aqua Regia) Cert																							

Analyte Symbol	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
OREAS 130 (Aqua Regia) Meas																							
OREAS 130 (Aqua Regia) Cert																							
OREAS 130 (Aqua Regia) Meas																							
OREAS 130 (Aqua Regia) Cert																							
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OREAS 130 (Aqua Regia) Meas																							
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OREAS 153b (Aqua Regia) Meas																							
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OREAS 153b (Aqua Regia) Meas																							
OREAS 153b (Aqua Regia) Cert																							
Oreas 623 (Aqua Regia) Meas																							
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Oreas 623 (Aqua Regia) Cert																							
OREAS 521 (Aqua Regia) Meas																							
OREAS 521 (Aqua Regia) Cert																							
OREAS 521 (Aqua Regia) Meas																							

Analyte Symbol	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
OREAS 521 (Aqua Regia) Cert																							
DMMAS 123 (Aqua Regia) Meas																							
DMMAS 123 (Aqua Regia) Cert																							
NCR-11 Orig	< 1	1.1	0.31	< 0.5	0.2	0.006	0.026	0.2	1.01	0.45	34.2	29	18	21	1.8	1.3	0.39	< 0.1	0.6	< 0.01	< 0.2	0.119	< 0.5
NCR-11 Dup	< 1	1.0	0.34	< 0.5	0.3	0.008	< 0.005	0.2	0.87	0.39	33.5	29	17	21	1.6	1.1	0.24	< 0.1	0.5	< 0.01	< 0.2	0.109	< 0.5
NCR-31 Orig	< 1	< 0.1	0.12	< 0.5	< 0.1	< 0.005	0.030	0.4	0.20	0.12	3.8	9	2	7	1.7	0.5	0.15	< 0.1	0.3	< 0.01	< 0.2	< 0.005	< 0.5
NCR-31 Dup	< 1	0.1	0.11	< 0.5	< 0.1	< 0.005	0.014	0.2	0.19	0.13	3.4	8	3	7	0.6	0.4	0.09	< 0.1	0.2	< 0.01	< 0.2	0.011	< 0.5
NCR-38 Orig	< 1	< 0.1	0.13	< 0.5	< 0.1	< 0.005	0.009	0.2	0.52	0.46	18.6	18	9	49	5.4	0.7	0.15	< 0.1	1.1	< 0.01	< 0.2	0.177	< 0.5
NCR-38 Dup	< 1	< 0.1	0.16	< 0.5	0.1	< 0.005	0.014	0.2	0.65	0.47	19.9	27	10	86	6.1	0.7	0.31	< 0.1	1.1	< 0.01	0.2	0.201	< 0.5
NCR-65 Orig	< 1	0.4	0.19	< 0.5	0.2	0.009	0.023	< 0.1	0.92	0.40	46.7	40	16	78	3.1	1.9	0.33	< 0.1	1.8	< 0.01	< 0.2	0.085	< 0.5
NCR-65 Dup	< 1	0.4	0.21	< 0.5	0.1	0.014	0.017	< 0.1	0.88	0.40	48.8	40	15	81	3.3	1.5	0.30	< 0.1	1.8	< 0.01	< 0.2	0.086	< 0.5
NCR-110 Orig																							
NCR-110 Dup																							
NCR-000 Orig																							
NCR-000 Dup																							
Method Blank																							
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Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 1	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	< 0.01	< 0.01	< 0.2	< 1	< 1	< 5	< 0.1	< 0.3	< 0.05	< 0.1	< 0.1	< 0.01	< 0.2	< 0.005	< 0.5
Method Blank	< 1	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	< 0.01	< 0.01	< 0.2	< 1	< 1	< 5	< 0.1	< 0.3	< 0.05	< 0.1	< 0.1	< 0.01	< 0.2	< 0.005	< 0.5
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 1	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005	0.006	< 0.1	< 0.01	< 0.01	< 0.2	< 1	< 1	< 5	< 0.1	< 0.3	0.07	< 0.1	< 0.1	< 0.01	< 0.2	< 0.005	< 0.5
Method Blank	2	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005			0.02	< 0.01					< 0.1						< 0.2	< 0.005	

Analyte Symbol	Ti	Cr	Y	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be	Sc
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	3	0.05	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-1 Meas	400	13	23.7	1.2	0.34	0.05	25.0	29.0		29.7	6.06	1.33		0.82			2.55		2.22	0.32	1.1	0.8	< 10
TILL-1 Cert	5990000	65000	38000	10000	13000	700.0	28000	71000		26000	5900.0	1300.0		1100.0			3600.0		3900.0	600.0	15000	2400.0	13000
TILL-1 Meas	320	15	21.7	0.8	0.31	0.04	24.6	29.6		28.8	6.04	1.45		0.87			2.86		2.27	0.33	< 0.5	1.0	< 10
TILL-1 Cert	5990000	65000	38000	10000	13000	700.0	28000	71000		26000	5900.0	1300.0		1100.0			3600.0		3900.0	600.0	15000	2400.0	13000
TILL-1 Meas	330		24.4	0.8		0.04	26.2			31.8	6.51			0.93					2.64	0.37			< 10
TILL-1 Cert	5990000		38000	10000		700.0	28000			26000	5900.0			1100.0					3900.0	600.0			13000
TILL-1 Meas																							
TILL-1 Cert																							
TILL-1 Meas																							
TILL-1 Cert																							
TILL-2 Meas	810		42.0	3.2		0.16	37.2			43.1	8.95			1.40					3.92	0.53			10
TILL-2 Cert	5300000		40000	20000		1900.0	44000			36000	7400.0			1200.0					3700.0	600.0			12000
TILL-2 Meas																							
TILL-2 Cert																							
TILL-2 Meas																							
TILL-2 Cert																							
OREAS 45d (Aqua Regia) Meas																							
OREAS 45d (Aqua Regia) Cert																							
OREAS 45d (Aqua Regia) Meas																							
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OREAS 922 (AQUA REGIA) Meas																							
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OREAS 922 (AQUA REGIA) Meas																							
OREAS 922 (AQUA REGIA)																							

Analyte Symbol	Ti	Cr	Y	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be	Sc
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	3	0.05	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
Cert																							
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
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OREAS 923 (AQUA REGIA) Cert																							
OREAS 907 (Aqua Regia) Meas																							
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OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
L-STD-8 Meas																							
L-STD-8 Cert																							
Oreas 621 (Aqua Regia) Meas																							
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OREAS 263 (Aqua Regia) Meas																							
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OREAS 263 (Aqua Regia) Meas																							
OREAS 263 (Aqua Regia) Cert																							
OREAS 263 (Aqua Regia)																							

Analyte Symbol	Ti	Cr	Y	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be	Sc
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	3	0.05	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
Meas																							
OREAS 263 (Aqua Regia) Cert																							
OREAS 130 (Aqua Regia) Meas																							
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OREAS 130 (Aqua Regia) Meas																							
OREAS 130 (Aqua Regia) Cert																							
OREAS 153b (Aqua Regia) Meas																							
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OREAS 153b (Aqua Regia) Meas																							
OREAS 153b (Aqua Regia) Cert																							
Oreas 623 (Aqua Regia) Meas																							
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Oreas 623 (Aqua Regia) Meas																							
Oreas 623 (Aqua Regia) Cert																							
OREAS 521 (Aqua Regia) Meas																							
OREAS 521 (Aqua Regia) Cert																							

Analyte Symbol	Ti	Cr	Y	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be	Sc
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	3	0.05	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
OREAS 521 (Aqua Regia) Meas																							
OREAS 521 (Aqua Regia) Cert																							
DMMAS 123 (Aqua Regia) Meas																							
DMMAS 123 (Aqua Regia) Cert																							
NCR-11 Orig	570	18	1.47	1.0	0.12	0.06	3.47	7.55	0.79	2.92	0.47	0.12	0.41	0.06	0.39	0.06	0.19	0.02	0.14	0.01	20.7	1.3	< 10
NCR-11 Dup	560	17	1.33	0.9	0.09	0.04	3.35	7.46	0.77	2.87	0.49	0.14	0.39	0.05	0.27	0.05	0.17	0.01	0.16	< 0.01	20.6	1.8	< 10
NCR-31 Orig	100	11	0.34	0.1	0.02	< 0.02	0.55	1.01	0.12	0.43	0.14	0.04	0.08	< 0.01	0.08	0.01	0.03	< 0.01	0.04	< 0.01	0.8	0.5	< 10
NCR-31 Dup	80	7	0.35	< 0.1	0.04	< 0.02	0.54	0.90	0.12	0.47	0.11	0.03	0.06	< 0.01	0.06	0.01	0.04	< 0.01	0.04	< 0.01	1.3	0.3	< 10
NCR-38 Orig	40	8	2.43	< 0.1	0.06	< 0.02	5.54	10.9	1.01	3.54	0.58	0.22	0.59	0.07	0.39	0.08	0.25	0.03	0.21	0.02	8.7	2.3	< 10
NCR-38 Dup	40	8	2.72	< 0.1	0.08	< 0.02	6.04	11.9	1.10	3.85	0.66	0.21	0.63	0.09	0.52	0.09	0.29	0.03	0.24	0.02	10.0	3.0	< 10
NCR-65 Orig	490	31	1.35	0.6	0.12	0.03	2.07	4.17	0.48	1.87	0.30	0.13	0.32	0.05	0.26	0.05	0.14	0.02	0.15	< 0.01	24.9	1.5	< 10
NCR-65 Dup	440	30	1.30	0.5	0.12	0.02	2.01	4.00	0.46	1.76	0.34	0.14	0.31	0.04	0.24	0.05	0.18	0.02	0.13	< 0.01	24.7	2.3	< 10
NCR-110 Orig																							
NCR-110 Dup																							
NCR-000 Orig																							
NCR-000 Dup																							
Method Blank																							
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Method Blank																							
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Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 10	< 3	< 0.05	< 0.1	< 0.01	< 0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.1	< 10
Method Blank	< 10	< 3	< 0.05	< 0.1	< 0.01	< 0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.1	< 10
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 10	< 3	< 0.05	< 0.1	< 0.01	< 0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.1	< 10
Method Blank	< 10		< 0.05	< 0.1		< 0.02	< 0.01		< 0.01	< 0.01	< 0.01			< 0.01				< 0.01	< 0.01	< 0.01			< 10

Analyte Symbol	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-1 Meas	22000	32.4	256	0.25	863				
TILL-1 Cert	1420000	44000	291000	1000.0	702000				
TILL-1 Meas	44700	40.2	367	0.26	885				
TILL-1 Cert	1420000	44000	291000	1000.0	702000				
TILL-1 Meas	41800	40.0	362						
TILL-1 Cert	1420000	44000	291000						
TILL-1 Meas									
TILL-1 Cert									
TILL-1 Meas									
TILL-1 Cert									
TILL-2 Meas	5520	147	599						
TILL-2 Cert	780000	143000	144000						
TILL-2 Meas									
TILL-2 Cert									
TILL-2 Meas									
TILL-2 Cert									
OREAS 45d (Aqua Regia) Meas									
OREAS 45d (Aqua Regia) Cert									
OREAS 45d (Aqua Regia) Meas									
OREAS 45d (Aqua Regia) Cert									
OREAS 45d (Aqua Regia) Meas									
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OREAS 922 (AQUA REGIA) Meas									
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OREAS 922 (AQUA REGIA) Meas									
OREAS 922 (AQUA REGIA) Cert									
OREAS 922 (AQUA REGIA) Meas									
OREAS 922 (AQUA REGIA)									

Analyte Symbol	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
Cert									
OREAS 923 (AQUA REGIA) Meas									
OREAS 923 (AQUA REGIA) Cert									
OREAS 923 (AQUA REGIA) Meas									
OREAS 923 (AQUA REGIA) Cert									
OREAS 923 (AQUA REGIA) Meas									
OREAS 923 (AQUA REGIA) Cert									
OREAS 907 (Aqua Regia) Meas									
OREAS 907 (Aqua Regia) Cert									
OREAS 907 (Aqua Regia) Meas									
OREAS 907 (Aqua Regia) Cert									
L-STD-8 Meas									
L-STD-8 Cert									
Oreas 621 (Aqua Regia) Meas									
Oreas 621 (Aqua Regia) Cert									
Oreas 621 (Aqua Regia) Meas									
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Oreas 621 (Aqua Regia) Cert									
OREAS 263 (Aqua Regia) Meas									
OREAS 263 (Aqua Regia) Cert									
OREAS 263 (Aqua Regia) Meas									
OREAS 263 (Aqua Regia) Cert									
OREAS 263 (Aqua Regia)									

Analyte Symbol	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
Meas									
OREAS 263 (Aqua Regia) Cert									
OREAS 130 (Aqua Regia) Meas									
OREAS 130 (Aqua Regia) Cert									
OREAS 130 (Aqua Regia) Meas									
OREAS 130 (Aqua Regia) Cert									
OREAS 130 (Aqua Regia) Meas									
OREAS 130 (Aqua Regia) Cert									
OREAS 130 (Aqua Regia) Meas									
OREAS 130 (Aqua Regia) Cert									
OREAS 153b (Aqua Regia) Meas									
OREAS 153b (Aqua Regia) Cert									
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OREAS 153b (Aqua Regia) Cert									
OREAS 153b (Aqua Regia) Meas									
OREAS 153b (Aqua Regia) Cert									
Oreas 623 (Aqua Regia) Meas									
Oreas 623 (Aqua Regia) Cert									
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Oreas 623 (Aqua Regia) Meas									
Oreas 623 (Aqua Regia) Cert									
Oreas 623 (Aqua Regia) Meas									
Oreas 623 (Aqua Regia) Cert									
OREAS 521 (Aqua Regia) Meas									
OREAS 521 (Aqua Regia) Cert									

Analyte Symbol	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
OREAS 521 (Aqua Regia) Meas									
OREAS 521 (Aqua Regia) Cert									
DMMAS 123 (Aqua Regia) Meas									
DMMAS 123 (Aqua Regia) Cert									
NCR-11 Orig	1620	16.0	97.1	0.15	450	< 0.5	< 0.5	< 0.5	< 0.5
NCR-11 Dup	1610	15.0	95.5	0.12	440	< 0.5	< 0.5	< 0.5	< 0.5
NCR-31 Orig	48.8	28.3	94.2	0.28	110	< 0.5	< 0.5	< 0.5	< 0.5
NCR-31 Dup	45.5	28.1	90.8	0.28	104	< 0.5	< 0.5	< 0.5	< 0.5
NCR-38 Orig	1820	33.2	36.6	0.37	606	< 0.5	< 0.5	< 0.5	< 0.5
NCR-38 Dup	1890	34.5	39.4	0.41	656	< 0.5	< 0.5	< 0.5	< 0.5
NCR-65 Orig	2860	44.7	90.1	0.18	739	< 0.5	< 0.5	< 0.5	< 0.5
NCR-65 Dup	2880	44.4	88.4	0.15	749	< 0.5	< 0.5	< 0.5	< 0.5
NCR-110 Orig									
NCR-110 Dup									
NCR-000 Orig									
NCR-000 Dup									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank	< 0.4	< 0.1	< 0.1	< 0.01	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Method Blank	< 0.4	< 0.1	< 0.1	< 0.01	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank	< 0.4	< 0.1	< 0.1	< 0.01	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Method Blank	< 0.4	< 0.1	< 0.1			< 0.5	< 0.5	< 0.5	< 0.5

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-16936**
Report Date: **11-Feb-22**
Date Submitted: **08-Sep-21**
Your Reference: **North Caribou River**

Romios Gold Resources Inc.
500 2 Toronto Street
Toronto Ontario M5C 2B6
Canada

ATTN: John Biczok

CERTIFICATE OF ANALYSIS

63 Humus samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E	QOP AquaGeo (Multi-element Aqua Regia ICPOES)	2021-11-09 17:04:36
2A-15g	QOP INAAGEO (Humus INAA)	2021-10-21 12:10:41
7-EnhESE-Enhanced Enzyme Selective Extraction	QOP Enzyme (7-EnhESE-Enhanced Enzyme Selective Extraction ICPMS)	2022-01-20 10:27:11

REPORT **A21-16936**

Notes:

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

Footnote: INAA data may be suppressed due high concentrations of some analytes.

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Cu	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
NCR-200	180	47	< 2	10	600	< 1	2.5	53	112	1.1	2.40	3.5	< 0.5	< 5	8.4	26600	< 10	< 20	0.3	8.3	< 2	< 100	< 0.5
NCR-201	89	3	< 2	4	< 100	20	4.6	19	23	< 0.5	0.91	< 0.5	< 0.5	< 5	0.5	1200	< 10	< 20	0.3	3.9	< 2	< 100	< 0.5
NCR-203	22	2	< 2	3	500	7	< 0.5	5	48	< 0.5	0.90	2.9	< 0.5	< 5	0.6	8900	< 10	20	0.3	4.5	< 2	< 100	< 0.5
NCR-204	7	1	< 2	3	300	9	0.5	6	24	< 0.5	0.50	1.9	< 0.5	< 5	< 0.5	5900	< 10	< 20	0.3	2.7	< 2	< 100	< 0.5
NCR-205	11	< 1	< 2	2	300	9	0.7	18	19	1.0	0.41	1.1	< 0.5	< 5	1.2	3400	20	< 20	0.4	1.8	< 2	< 100	< 0.5
NCR-209	15	< 1	< 2	3	500	8	< 0.5	4	27	0.7	0.55	1.3	< 0.5	< 5	1.0	3100	< 10	< 20	0.4	2.3	< 2	< 100	< 0.5
NCR-210	20	22	< 2	4	500	6	0.7	19	333	< 0.5	1.65	2.3	< 0.5	< 5	< 0.5	9900	40	< 20	0.4	7.2	< 2	100	< 0.5
NCR-211	15	< 1	< 2	5	500	8	1.7	21	69	1.8	1.33	2.5	< 0.5	< 5	< 0.5	10400	< 10	40	0.4	5.0	< 2	< 100	< 0.5
NCR-213	12	7	< 2	43	400	7	0.6	12	31	< 0.5	2.16	2.0	< 0.5	< 5	< 0.5	7200	< 10	40	0.4	3.8	< 2	< 100	< 0.5
NCR-218	15	2	< 2	3	300	9	1.0	7	28	< 0.5	0.59	1.4	< 0.5	< 5	< 0.5	4400	< 10	< 20	0.3	2.9	< 2	< 100	< 0.5
NCR-219	7	< 1	< 2	3	300	11	0.9	5	20	< 0.5	0.72	1.4	< 0.5	< 5	0.6	3000	< 10	20	0.4	2.4	< 2	< 100	< 0.5
NCR-220	8	< 1	< 2	4	200	11	< 0.5	4	21	0.8	0.79	1.6	< 0.5	< 5	< 0.5	3500	< 10	< 20	0.4	2.7	< 2	< 100	< 0.5
NCR-302	4	1	< 2	< 1	< 100	19	4.9	< 1	4	< 0.5	0.15	< 0.5	< 0.5	< 5	7.2	500	< 10	< 20	0.2	0.4	< 2	< 100	< 0.5
NCR-303	11	< 1	< 2	1	200	24	6.4	3	4	< 0.5	0.69	< 0.5	< 0.5	< 5	0.9	300	< 10	< 20	0.4	0.6	< 2	< 100	< 0.5
NCR-304	13	6	< 2	8	700	16	3.5	11	86	3.0	2.33	3.5	< 0.5	< 5	< 0.5	14800	< 10	90	0.4	7.9	< 2	< 100	< 0.5
NCR-305	29	< 1	< 2	2	300	22	7.3	7	30	1.1	0.96	1.2	< 0.5	< 5	8.1	2500	< 10	< 20	0.3	3.3	< 2	< 100	< 0.5
NCR-306	10	< 1	< 2	2	200	16	6.3	5	17	< 0.5	0.47	0.7	< 0.5	< 5	6.3	1500	< 10	< 20	0.3	1.4	< 2	< 100	< 0.5
NCR-310	23	< 1	< 2	5	600	16	4.7	17	84	3.0	2.60	2.6	< 0.5	< 5	4.3	8000	< 10	80	0.3	8.3	< 2	< 100	< 0.5
NCR-311	14	< 1	< 2	3	300	25	6.7	10	19	< 0.5	0.47	0.6	< 0.5	< 5	2.1	1100	< 10	< 20	0.3	1.7	< 2	< 100	< 0.5
NCR-315	14	8	< 2	1	100	23	7.2	5	12	< 0.5	0.47	< 0.5	< 0.5	< 5	1.4	1100	< 10	< 20	0.2	1.6	< 2	< 100	< 0.5
NCR-316	9	< 1	< 2	1	200	21	7.8	2	8	< 0.5	0.19	< 0.5	< 0.5	< 5	3.3	800	< 10	< 20	0.6	0.7	2	< 100	< 0.5
NCR-317	5	< 1	< 2	< 1	< 100	15	4.8	1	3	< 0.5	0.10	< 0.5	< 0.5	< 5	3.4	400	< 10	< 20	0.1	0.4	< 2	< 100	< 0.5
NCR-320	13	1	< 2	2	200	22	6.3	4	6	< 0.5	0.30	< 0.5	< 0.5	< 5	< 0.5	500	< 10	< 20	0.3	0.9	< 2	< 100	< 0.5
NCR-321	4	< 1	< 2	1	< 100	19	4.3	2	5	< 0.5	0.14	< 0.5	< 0.5	< 5	1.9	500	< 10	< 20	0.1	0.6	< 2	< 100	< 0.5
NCR-322	6	< 1	< 2	1	100	18	4.4	1	7	< 0.5	0.35	< 0.5	< 0.5	< 5	0.9	600	< 10	< 20	0.2	1.1	< 2	< 100	< 0.5
NCR-323	13	1	< 2	2	100	17	4.9	4	10	< 0.5	0.36	< 0.5	< 0.5	< 5	0.6	500	< 10	< 20	0.2	1.4	< 2	< 100	< 0.5
NCR-324	17	< 1	< 2	4	100	22	7.5	4	12	< 0.5	0.46	< 0.5	< 0.5	< 5	2.0	500	< 10	< 20	0.6	1.4	2	< 100	< 0.5
NCR-325	360	< 1	< 2	28	600	29	6.6	24	92	3.0	2.19	3.0	< 0.5	< 5	< 0.5	10800	70	80	0.7	7.5	< 2	< 100	< 0.5
NCR-326	38	6	< 2	10	400	17	4.4	23	77	< 0.5	1.94	2.6	< 0.5	< 5	< 0.5	8900	< 10	50	0.4	8.1	< 2	< 100	< 0.5
NCR-329	10	2	< 2	4	300	10	< 0.5	6	32	1.1	0.74	1.8	< 0.5	< 5	< 0.5	3800	< 10	30	0.7	3.1	< 2	< 100	< 0.5
NCR-330	8	2	< 2	4	300	9	< 0.5	3	21	1.1	0.59	1.4	< 0.5	< 5	0.6	2800	< 10	< 20	0.9	2.5	< 2	< 100	< 0.5
NCR-331	49	2	< 2	11	500	32	< 0.5	41	70	2.0	3.42	0.6	< 0.5	< 5	1.2	3100	< 10	50	0.2	8.6	< 2	< 100	< 0.5
NCR-332	6	< 1	< 2	1	100	18	4.9	1	6	< 0.5	0.30	< 0.5	< 0.5	< 5	2.6	500	< 10	< 20	0.2	0.9	< 2	< 100	< 0.5
NCR-333	10	< 1	< 2	2	< 100	20	5.9	1	5	< 0.5	0.26	< 0.5	< 0.5	< 5	2.2	500	< 10	< 20	0.2	1.0	< 2	< 100	< 0.5
NCR-334	10	2	< 2	2	200	19	6.2	4	8	< 0.5	0.47	0.5	< 0.5	< 5	0.6	600	< 10	< 20	0.3	1.6	< 2	< 100	< 0.5
NCR-300	172	47	< 2	13	600	< 1	4.0	70	148	1.6	3.52	4.5	< 0.5	< 5	18.5	36600	< 10	< 20	0.3	11.5	< 2	< 100	< 0.5
NCR-341	177	44	< 2	13	900	< 1	3.0	73	147	2.0	3.45	5.4	< 0.5	< 5	8.2	35800	< 10	< 20	0.5	11.2	< 2	< 100	< 0.5
NCR-301																							
NCR-307																							
NCR-308																							
NCR-309																							
NCR-312																							
NCR-313																							
NCR-314																							
NCR-318																							
NCR-319																							
NCR-327																							
NCR-328																							
NCR-335																							
NCR-336																							
NCR-337																							

Analyte Symbol	Cu	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta
Unit Symbol	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
NCR-338																							
NCR-339																							
NCR-340																							
NCR-202																							
NCR-206																							
NCR-207																							
NCR-208																							
NCR-212																							
NCR-214																							
NCR-215																							
NCR-216																							
NCR-217																							

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Al	Ca	Fe	K	Mg	Na	Br	I	V	As
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb
Lower Limit	0.5	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.5	5	1	5	2	5	1	1	0.1	0.1
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-200	3.7	0.9	< 1	180	30.1	53	23	3.2	0.8	< 0.2	1.1	< 0.1	15.9										
NCR-201	4.6	3.2	< 1	< 20	51.6	106	46	4.4	1.1	0.6	1.3	0.1	15.9										
NCR-203	2.8	1.0	< 1	< 20	14.2	25	12	1.2	0.4	< 0.2	0.8	0.1	15.6										
NCR-204	1.4	0.3	< 1	< 20	5.6	10	< 3	0.7	0.3	< 0.2	0.5	< 0.1	15.4										
NCR-205	1.3	0.3	< 1	< 20	7.4	11	7	0.7	< 0.2	< 0.2	0.4	< 0.1	15.7										
NCR-209	1.7	0.9	< 1	< 20	6.9	13	6	0.7	< 0.2	< 0.2	0.5	< 0.1	15.6										
NCR-210	2.4	1.1	< 1	< 20	10.5	18	12	1.1	0.3	< 0.2	0.8	< 0.1	15.7										
NCR-211	2.6	0.6	< 1	< 20	15.9	28	9	1.4	0.4	< 0.2	0.9	< 0.1	15.8										
NCR-213	1.9	0.7	< 1	< 20	9.7	14	7	0.9	0.3	< 0.2	0.6	< 0.1	15.7										
NCR-218	1.3	0.1	< 1	< 20	5.7	9	7	0.7	0.2	< 0.2	0.5	< 0.1	15.5										
NCR-219	1.8	0.7	< 1	< 20	8.1	18	12	0.9	0.2	< 0.2	0.4	< 0.1	15.9										
NCR-220	2.2	0.5	< 1	< 20	9.0	17	11	1.0	0.3	< 0.2	0.5	< 0.1	15.6										
NCR-302	0.6	< 0.1	< 1	30	2.5	5	4	0.3	< 0.2	< 0.2	0.1	< 0.1	16.0										
NCR-303	0.9	0.7	< 1	< 20	3.3	6	7	0.4	< 0.2	< 0.2	0.2	< 0.1	15.5										
NCR-304	8.9	2.8	< 1	20	27.1	52	25	3.0	0.7	< 0.2	1.3	0.2	15.7										
NCR-305	5.5	15.3	< 1	< 20	22.4	36	28	2.5	0.5	< 0.2	0.9	0.2	15.5										
NCR-306	1.9	10.9	< 1	< 20	8.8	14	14	0.9	< 0.2	< 0.2	0.3	< 0.1	15.7										
NCR-310	8.8	3.3	< 1	< 20	27.7	51	26	3.2	0.8	< 0.2	1.4	< 0.1	15.7										
NCR-311	2.2	0.7	< 1	< 20	6.9	16	11	0.9	< 0.2	< 0.2	0.4	< 0.1	15.9										
NCR-315	1.9	1.7	< 1	< 20	12.3	22	12	1.2	0.2	< 0.2	0.4	< 0.1	15.6										
NCR-316	0.8	5.4	< 1	< 20	2.5	5	7	0.3	< 0.2	< 0.2	0.2	< 0.1	15.6										
NCR-317	< 0.5	0.2	< 1	< 20	1.4	3	< 3	0.2	< 0.2	< 0.2	0.2	< 0.1	15.6										
NCR-320	1.4	1.1	< 1	< 20	7.7	13	7	0.8	< 0.2	< 0.2	0.3	< 0.1	15.5										
NCR-321	0.7	< 0.1	< 1	< 20	2.0	5	5	0.3	< 0.2	< 0.2	0.2	< 0.1	15.6										
NCR-322	1.7	0.4	< 1	< 20	4.0	7	10	0.6	< 0.2	< 0.2	0.3	< 0.1	15.8										
NCR-323	2.1	1.1	< 1	< 20	6.6	12	12	0.8	< 0.2	< 0.2	0.4	< 0.1	15.6										
NCR-324	2.0	5.7	< 1	< 20	4.9	11	6	0.7	< 0.2	< 0.2	0.4	< 0.1	15.4										
NCR-325	7.4	1.8	< 1	< 20	23.5	53	32	3.0	0.7	< 0.2	1.3	0.1	15.4										
NCR-326	3.4	2.0	< 1	< 20	18.5	34	20	2.3	0.6	< 0.2	1.2	0.1	15.7										
NCR-329	2.4	0.6	< 1	< 20	10.6	21	8	1.3	0.3	< 0.2	0.7	< 0.1	15.5										
NCR-330	2.2	0.6	< 1	< 20	7.0	14	7	0.9	< 0.2	< 0.2	0.5	< 0.1	15.5										
NCR-331	11.7	4.4	< 1	< 20	64.8	130	74	7.8	1.6	0.4	2.2	0.3	15.8										
NCR-332	1.2	0.2	< 1	< 20	3.0	6	3	0.4	< 0.2	< 0.2	0.2	< 0.1	15.7										
NCR-333	1.1	1.2	< 1	< 20	2.5	5	7	0.4	< 0.2	< 0.2	0.2	< 0.1	15.6										
NCR-334	3.1	0.6	< 1	< 20	15.0	25	17	1.8	0.4	< 0.2	0.5	< 0.1	15.6										
NCR-300	4.9	0.6	< 1	310	39.5	73	38	4.4	1.1	< 0.2	1.1	0.1	15.8										
NCR-341	4.9	0.5	< 1	130	38.3	69	38	4.4	0.9	< 0.2	1.5	0.1	15.8										
NCR-301														35.5	52	15	14	14	15	181	17	22.6	13.3
NCR-307														7.1	226	4	< 5	33	< 5	137	46	48.6	117
NCR-308														9.2	42	7	8	14	11	48	13	95.2	15.4
NCR-309														26.5	65	13	17	26	8	151	45	49.4	6.4
NCR-312														2.2	23	< 1	15	8	7	6	5	37.7	6.4
NCR-313														65.1	44	28	32	18	19	193	50	42.1	24.3
NCR-314														31.9	29	13	6	7	< 5	137	18	12.7	11.4
NCR-318														34.1	50	12	13	9	12	182	43	25.9	29.6
NCR-319														16.6	86	15	21	28	9	221	53	67.7	20.8
NCR-327														16.3	60	11	12	16	13	119	16	78.0	9.3
NCR-328														18.3	81	15	13	20	7	153	48	54.9	9.8
NCR-335														54.1	15	13	9	3	7	121	23	5.6	5.3
NCR-336														53.9	29	12	18	9	9	185	40	15.2	12.6

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Al	Ca	Fe	K	Mg	Na	Br	I	V	As
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb
Lower Limit	0.5	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.5	5	1	5	2	5	1	1	0.1	0.1
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-337														5.2	159	6	7	28	7	96	24	49.7	7.6
NCR-338														9.7	27	5	10	9	6	31	7	71.0	8.5
NCR-339														40.1	53	13	24	22	7	257	51	28.6	8.5
NCR-340														16.8	43	4	< 5	8	< 5	72	21	6.4	2.0
NCR-202														55.6	51	7	< 5	11	13	180	34	11.6	6.1
NCR-206														60.2	56	7	28	13	12	273	75	14.4	3.5
NCR-207														22.8	95	6	12	15	8	116	33	20.2	7.5
NCR-208														32.9	31	12	8	21	8	102	31	28.2	12.5
NCR-212														15.8	93	6	17	19	7	120	27	34.2	38.9
NCR-214														11.7	84	7	24	22	6	125	22	23.3	8.9
NCR-215														13.1	125	7	13	24	10	138	36	31.2	6.9
NCR-216														43.8	28	7	9	8	6	100	30	10.5	3.8
NCR-217														39.7	56	16	16	12	< 5	144	27	16.9	5.0

Analyte Symbol	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-200																							
NCR-201																							
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NCR-333																							
NCR-334																							
NCR-300																							
NCR-341																							
NCR-301	2	0.6	0.40	< 0.5	0.1	< 0.005	< 0.005	< 0.1	8.24	1.54	58.5	92	34	69	15.7	2.2	1.38	< 0.1	4.7	< 0.01	< 0.2	0.247	< 0.5
NCR-307	6	0.9	1.53	< 0.5	0.2	< 0.005	0.017	< 0.1	17.5	0.88	38.8	54	162	6	< 0.1	3.8	9.38	0.2	0.4	< 0.01	< 0.2	0.335	< 0.5
NCR-308	3	2.9	0.44	< 0.5	0.6	< 0.005	0.006	< 0.1	1.15	0.53	19.6	36	12	143	2.2	2.4	0.13	< 0.1	1.6	0.01	0.5	0.041	< 0.5
NCR-309	4	1.0	0.48	< 0.5	0.3	< 0.005	0.006	< 0.1	1.84	1.03	67.1	74	10	78	1.9	2.2	0.74	< 0.1	1.7	0.01	< 0.2	0.155	< 0.5
NCR-312	2	2.3	0.39	< 0.5	0.3	< 0.005	< 0.005	< 0.1	0.23	0.05	2.4	8	< 1	251	0.5	0.6	0.09	< 0.1	2.4	< 0.01	0.3	0.122	< 0.5
NCR-313	5	0.5	0.44	< 0.5	0.2	< 0.005	0.006	< 0.1	24.3	1.86	41.6	69	46	267	14.5	3.3	2.01	< 0.1	4.6	0.04	0.3	0.425	< 0.5
NCR-314	1	0.5	0.27	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	1.37	1.35	48.0	146	23	30	0.8	1.8	0.69	< 0.1	2.9	< 0.01	< 0.2	0.295	< 0.5
NCR-318	3	0.6	0.37	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	6.41	1.44	77.2	136	53	96	5.1	2.3	1.86	< 0.1	2.8	0.02	< 0.2	0.147	< 0.5
NCR-319	5	1.6	0.45	< 0.5	0.4	< 0.005	0.006	< 0.1	25.5	2.72	54.2	33	27	68	4.6	2.6	3.54	< 0.1	1.2	0.01	0.4	0.281	< 0.5
NCR-327	3	2.3	0.29	< 0.5	0.3	< 0.005	< 0.005	0.1	1.04	0.55	36.5	29	19	92	3.0	2.7	0.18	< 0.1	1.5	< 0.01	0.3	0.096	< 0.5
NCR-328	5	0.6	0.40	< 0.5	0.3	< 0.005	0.011	< 0.1	21.4	2.34	61.1	50	47	33	2.5	4.7	7.30	0.1	1.5	0.01	< 0.2	0.324	< 0.5
NCR-335	2	0.2	0.36	< 0.5	< 0.1	< 0.005	0.012	< 0.1	1.61	0.70	41.7	69	26	28	1.9	0.9	0.43	< 0.1	2.4	< 0.01	0.2	0.144	< 0.5
NCR-336	3	0.5	0.33	< 0.5	< 0.1	< 0.005	0.011	< 0.1	2.54	1.14	69.0	44	23	97	3.6	1.7	0.69	< 0.1	3.5	0.01	< 0.2	0.143	< 0.5

Analyte Symbol	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-337	2	1.3	0.39	< 0.5	0.2	< 0.005	0.012	< 0.1	5.80	2.31	7.0	13	18	11	1.3	1.0	0.78	< 0.1	0.3	< 0.01	< 0.2	0.217	< 0.5
NCR-338	3	1.0	0.34	< 0.5	0.3	< 0.005	< 0.005	< 0.1	0.29	0.35	54.6	35	4	42	0.2	1.9	0.13	< 0.1	0.7	< 0.01	0.2	0.078	< 0.5
NCR-339	4	0.3	0.26	< 0.5	< 0.1	< 0.005	0.011	0.1	5.79	2.57	25.8	45	43	31	4.9	1.8	1.56	< 0.1	1.4	0.02	< 0.2	0.187	< 0.5
NCR-340	2	0.2	0.20	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	2.16	0.51	6.1	17	7	< 5	< 0.1	0.5	0.26	< 0.1	0.2	< 0.01	< 0.2	0.161	< 0.5
NCR-202	3	0.5	0.30	< 0.5	0.2	< 0.005	< 0.005	< 0.1	1.11	0.82	36.3	71	36	31	1.1	1.0	0.26	< 0.1	0.8	< 0.01	< 0.2	0.373	< 0.5
NCR-206	3	0.2	0.37	< 0.5	< 0.1	< 0.005	0.006	< 0.1	4.37	1.62	34.4	48	18	12	4.9	1.7	1.32	< 0.1	0.9	0.02	< 0.2	0.271	< 0.5
NCR-207	3	0.4	0.48	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	1.67	0.92	28.7	60	14	15	< 0.1	1.1	0.47	< 0.1	0.6	< 0.01	< 0.2	0.086	< 0.5
NCR-208	3	0.3	0.27	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	2.05	0.86	115	77	27	25	2.2	1.7	0.88	< 0.1	0.8	< 0.01	< 0.2	0.444	< 0.5
NCR-212	4	1.0	0.53	< 0.5	0.3	< 0.005	< 0.005	< 0.1	4.54	1.48	36.3	55	28	67	0.7	2.4	2.29	< 0.1	1.2	< 0.01	< 0.2	0.065	< 0.5
NCR-214	3	0.9	0.31	< 0.5	0.1	< 0.005	0.022	0.1	0.70	0.45	27.3	45	22	50	< 0.1	1.2	0.50	< 0.1	0.6	< 0.01	< 0.2	0.054	< 0.5
NCR-215	4	0.9	0.55	< 0.5	0.2	< 0.005	0.010	0.1	3.91	1.63	15.8	27	21	17	4.5	1.5	0.95	< 0.1	0.3	< 0.01	< 0.2	0.266	< 0.5
NCR-216	2	0.2	0.21	< 0.5	< 0.1	< 0.005	0.009	< 0.1	1.37	0.60	35.7	50	8	30	3.7	1.4	0.23	< 0.1	0.4	0.01	< 0.2	0.230	< 0.5
NCR-217	3	0.5	0.41	< 0.5	0.2	< 0.005	< 0.005	0.1	4.39	1.32	20.8	36	12	19	1.2	2.3	1.50	< 0.1	2.0	0.03	< 0.2	0.181	< 0.5

Analyte Symbol	Ti	Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	3	0.05	0.1	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-200																							
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NCR-333																							
NCR-334																							
NCR-300																							
NCR-341																							
NCR-301	650	60	3.59	18.7	2.0	0.69	0.10	7.94	18.6	2.12	7.77	1.43	0.31	1.10	0.16	0.83	0.17	0.52	0.06	0.41	0.05	70.3	2.4
NCR-307	80	26	40.0	55.4	0.6	1.48	0.05	89.2	72.2	21.7	81.6	13.6	2.75	10.4	1.28	6.76	1.37	4.19	0.63	4.61	0.78	5.8	0.6
NCR-308	1210	35	0.84	2.8	2.4	0.09	0.10	0.87	1.39	0.30	0.96	0.25	0.05	0.20	0.03	0.14	0.03	0.09	0.02	0.10	0.01	19.3	0.9
NCR-309	710	51	2.96	8.8	1.7	0.34	0.06	3.22	6.22	0.94	3.45	0.73	0.23	0.63	0.10	0.58	0.11	0.34	0.05	0.35	0.05	57.4	2.1
NCR-312	420	7	0.11	0.5	0.8	0.02	0.03	0.41	< 0.01	0.03	< 0.01	0.02	< 0.01	0.04	< 0.01	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	15.8	0.4
NCR-313	1230	80	8.59	67.5	4.5	2.69	0.23	23.0	44.5	4.36	15.6	2.63	0.63	2.28	0.31	1.85	0.35	0.83	0.12	0.82	0.12	192	6.7
NCR-314	410	17	3.79	2.7	0.7	0.11	0.03	6.89	14.4	1.68	6.26	1.16	0.28	0.95	0.12	0.68	0.14	0.40	0.06	0.39	0.05	26.0	2.7
NCR-318	560	49	8.71	21.9	1.4	0.82	0.05	17.3	32.7	3.88	14.4	2.65	0.62	2.31	0.29	1.72	0.34	0.94	0.13	0.89	0.11	33.2	4.5
NCR-319	1350	49	9.97	111	6.5	3.78	0.18	18.7	57.0	5.99	24.1	4.81	0.91	3.69	0.46	2.65	0.49	1.41	0.22	1.38	0.20	64.6	4.6
NCR-327	1070	33	1.27	3.3	1.4	0.11	0.08	1.69	2.20	0.36	1.21	0.28	0.07	0.28	0.04	0.24	0.05	0.15	0.02	0.13	< 0.01	17.5	1.4
NCR-328	1200	48	31.7	89.1	4.0	2.65	0.15	58.2	126	17.0	67.8	12.4	2.44	9.85	1.23	6.85	1.27	3.65	0.50	3.69	0.54	33.3	5.4
NCR-335	260	34	2.52	5.9	0.4	0.20	0.02	3.35	6.77	0.79	3.19	0.71	0.14	0.55	0.08	0.58	0.09	0.25	0.04	0.30	0.03	27.1	4.1
NCR-336	390	43	4.19	8.9	0.7	0.34	0.04	5.93	10.5	1.39	5.18	1.05	0.28	0.99	0.15	0.90	0.15	0.45	0.07	0.42	0.06	54.6	4.2

Analyte Symbol	Ti	Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	3	0.05	0.1	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-337	330	18	3.59	21.9	1.4	0.70	0.08	7.23	17.9	2.11	8.06	1.42	0.30	1.26	0.15	0.86	0.16	0.45	0.07	0.38	0.06	5.2	1.8
NCR-338	780	16	0.89	2.1	1.0	0.08	0.04	0.72	0.97	0.21	0.72	0.15	0.06	0.15	0.02	0.14	0.04	0.10	0.01	0.10	0.01	7.9	3.3
NCR-339	480	93	6.57	18.8	1.2	0.73	0.06	14.5	24.2	2.85	9.99	1.79	0.40	1.72	0.23	1.39	0.27	0.81	0.11	0.82	0.11	71.1	3.2
NCR-340	130	20	3.09	9.2	0.3	0.30	< 0.02	4.19	10.1	1.05	3.67	0.91	0.19	0.73	0.10	0.64	0.13	0.35	0.05	0.36	0.05	3.2	2.4
NCR-202	300	21	1.83	3.7	0.3	0.15	< 0.02	2.63	4.62	0.56	1.97	0.41	0.12	0.43	0.07	0.41	0.08	0.19	0.03	0.22	0.03	40.1	3.5
NCR-206	460	60	9.45	18.5	0.8	0.75	0.03	14.9	25.8	3.12	11.3	2.47	0.59	2.24	0.32	1.98	0.39	1.16	0.15	1.00	0.14	43.6	4.3
NCR-207	290	25	2.27	6.5	0.5	0.21	< 0.02	2.99	5.25	0.67	2.43	0.58	0.14	0.44	0.08	0.50	0.09	0.29	0.04	0.34	0.03	19.7	2.0
NCR-208	480	26	2.93	9.3	1.0	0.38	0.03	6.25	11.3	1.33	4.83	0.90	0.23	0.64	0.09	0.56	0.13	0.30	0.06	0.31	0.04	77.9	3.5
NCR-212	560	19	3.08	4.7	0.7	0.17	0.02	25.0	41.7	4.82	15.7	2.11	0.27	1.26	0.14	0.68	0.11	0.33	0.05	0.29	0.04	24.5	1.5
NCR-214	450	22	1.32	2.9	0.6	0.13	< 0.02	2.40	2.83	0.54	1.70	0.36	0.09	0.30	0.05	0.26	0.05	0.17	0.02	0.14	0.02	27.2	1.1
NCR-215	520	31	2.40	14.9	1.2	0.49	0.05	5.93	11.3	1.43	5.15	0.79	0.20	0.62	0.10	0.50	0.09	0.24	0.05	0.31	0.03	37.8	1.6
NCR-216	240	28	3.17	7.4	0.4	0.29	< 0.02	5.15	7.12	0.90	3.19	0.62	0.20	0.62	0.09	0.59	0.12	0.35	0.05	0.33	0.04	35.3	3.7
NCR-217	460	43	8.10	12.2	1.4	0.43	0.07	12.1	31.4	3.31	13.0	2.53	0.59	2.28	0.29	1.78	0.33	0.91	0.12	0.80	0.11	21.8	3.5

Analyte Symbol	Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Pt	Cl
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	1000
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-200										
NCR-201										
NCR-203										
NCR-204										
NCR-205										
NCR-209										
NCR-210										
NCR-211										
NCR-213										
NCR-218										
NCR-219										
NCR-220										
NCR-302										
NCR-303										
NCR-304										
NCR-305										
NCR-306										
NCR-310										
NCR-311										
NCR-315										
NCR-316										
NCR-317										
NCR-320										
NCR-321										
NCR-322										
NCR-323										
NCR-324										
NCR-325										
NCR-326										
NCR-329										
NCR-330										
NCR-331										
NCR-332										
NCR-333										
NCR-334										
NCR-300										
NCR-341										
NCR-301	< 10	403	38.8	142	0.26	520	< 0.5	< 0.5	< 0.5	6000
NCR-307	10	2240	38.6	231	0.13	254	< 0.5	< 0.5	< 0.5	4000
NCR-308	< 10	3030	4.2	93.8	< 0.01	215	< 0.5	< 0.5	< 0.5	10000
NCR-309	< 10	8360	179	301	0.13	1280	< 0.5	< 0.5	< 0.5	4000
NCR-312	< 10	1800	32.1	79.4	0.03	174	< 0.5	< 0.5	< 0.5	4000
NCR-313	< 10	1540	71.4	181	0.23	1540	< 0.5	< 0.5	< 0.5	8000
NCR-314	< 10	365	62.9	135	0.73	1260	< 0.5	< 0.5	< 0.5	5000
NCR-318	< 10	9690	18.3	147	0.06	1280	< 0.5	< 0.5	< 0.5	9000
NCR-319	10	1490	116	182	0.15	631	< 0.5	< 0.5	< 0.5	6000
NCR-327	< 10	1090	22.6	146	0.05	274	< 0.5	< 0.5	< 0.5	10000
NCR-328	20	3510	64.0	238	0.09	1170	< 0.5	< 0.5	< 0.5	5000
NCR-335	< 10	124	93.0	161	0.44	1110	< 0.5	< 0.5	< 0.5	4000
NCR-336	< 10	2710	72.8	136	0.21	935	< 0.5	< 0.5	< 0.5	5000

Analyte Symbol	Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Pt	Cl
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	1000
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-337	< 10	446	64.7	215	0.11	451	< 0.5	< 0.5	< 0.5	< 1000
NCR-338	< 10	3390	35.1	138	< 0.01	564	< 0.5	< 0.5	< 0.5	4000
NCR-339	< 10	429	34.0	208	0.09	1360	< 0.5	< 0.5	< 0.5	1000
NCR-340	< 10	76.2	51.7	230	0.32	808	< 0.5	< 0.5	< 0.5	< 1000
NCR-202	< 10	288	66.1	204	1.03	798	< 0.5	< 0.5	< 0.5	2000
NCR-206	< 10	1600	91.6	380	0.24	4040	< 0.5	< 0.5	< 0.5	5000
NCR-207	< 10	2310	134	318	0.14	650	< 0.5	< 0.5	< 0.5	2000
NCR-208	< 10	7260	275	237	0.65	3220	< 0.5	< 0.5	< 0.5	< 1000
NCR-212	< 10	5350	30.4	234	0.02	185	< 0.5	< 0.5	< 0.5	1000
NCR-214	< 10	5210	13.8	214	0.01	441	< 0.5	< 0.5	< 0.5	< 1000
NCR-215	< 10	1110	81.3	334	0.24	1100	< 0.5	< 0.5	< 0.5	2000
NCR-216	< 10	2220	152	125	1.15	1350	< 0.5	< 0.5	< 0.5	2000
NCR-217	< 10	716	153	152	0.21	1140	< 0.5	< 0.5	< 0.5	1000

Analyte Symbol	Cu	Au	Br	Ca	Co	Fe	Na	Sb	Sc	Zn	La	Ce	Sm	Al	Ca	Fe	K	Mg	Na	Br	I	V	As
Unit Symbol	ppm	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb
Lower Limit	1	1	1	0.5	1	0.05	100	0.1	0.1	20	0.1	1	0.1	0.5	5	1	5	2	5	1	1	0.1	0.1
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-2 Meas																4				1050		49.3	11.9
TILL-2 Cert																38400.00				12200.0		77000	26000
TILL-2 Meas																4				1050		51.7	10.9
TILL-2 Cert																38400.00				12200.0		77000	26000
OREAS 45d (Aqua Regia) Meas	366																						
OREAS 45d (Aqua Regia) Cert	345																						
OREAS 45d (Aqua Regia) Meas	344																						
OREAS 45d (Aqua Regia) Cert	345																						
OREAS 45d (Aqua Regia) Meas	341																						
OREAS 45d (Aqua Regia) Cert	345																						
OREAS 922 (AQUA REGIA) Meas	2270																						
OREAS 922 (AQUA REGIA) Cert	2176																						
OREAS 922 (AQUA REGIA) Meas	2230																						
OREAS 922 (AQUA REGIA) Cert	2176																						
OREAS 922 (AQUA REGIA) Meas	2360																						
OREAS 922 (AQUA REGIA) Cert	2176																						
OREAS 923 (AQUA REGIA) Meas	4380																						
OREAS 923 (AQUA REGIA) Cert	4248																						
OREAS 923 (AQUA REGIA) Meas	4240																						
OREAS 923 (AQUA REGIA) Cert	4248																						
OREAS 923 (AQUA REGIA) Meas	4300																						
OREAS 923 (AQUA REGIA) Cert	4248																						
OREAS 907 (Aqua Regia) Meas	6660																						

Analyte Symbol	Cu	Au	Br	Ca	Co	Fe	Na	Sb	Sc	Zn	La	Ce	Sm	Al	Ca	Fe	K	Mg	Na	Br	I	V	As
Unit Symbol	ppm	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb
Lower Limit	1	1	1	0.5	1	0.05	100	0.1	0.1	20	0.1	1	0.1	0.5	5	1	5	2	5	1	1	0.1	0.1
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
OREAS 907 (Aqua Regia) Cert	6370																						
OREAS 907 (Aqua Regia) Meas	6270																						
OREAS 907 (Aqua Regia) Cert	6370																						
OREAS 907 (Aqua Regia) Meas	6490																						
OREAS 907 (Aqua Regia) Cert	6370																						
L-STD-8 Meas		20	5	3.4	< 1	0.09	400	0.2	0.2	50	0.7	1	< 0.1										
L-STD-8 Cert		20.0	5.60	3.67	0.600	0.110	365	0.160	0.240	32.0	0.800	1.41	0.130										
Oreas 621 (Aqua Regia) Meas	3520																						
Oreas 621 (Aqua Regia) Cert	3660																						
Oreas 621 (Aqua Regia) Meas	3600																						
Oreas 621 (Aqua Regia) Cert	3660																						
OREAS 263 (Aqua Regia) Meas	88																						
OREAS 263 (Aqua Regia) Cert	87.0																						
OREAS 263 (Aqua Regia) Meas	87																						
OREAS 263 (Aqua Regia) Cert	87.0																						
OREAS 263 (Aqua Regia) Meas	93																						
OREAS 263 (Aqua Regia) Cert	87.0																						
OREAS 130 (Aqua Regia) Meas	229																						
OREAS 130 (Aqua Regia) Cert	226																						
OREAS 130 (Aqua Regia) Meas	232																						
OREAS 130 (Aqua Regia) Cert	226																						
OREAS 130 (Aqua Regia) Meas	225																						
OREAS 130 (Aqua Regia) Cert	226																						
OREAS 153b (Aqua Regia) Meas	6720																						
OREAS 153b (Aqua Regia) Cert	6700																						
OREAS 153b (Aqua Regia)	6880																						

Analyte Symbol	Cu	Au	Br	Ca	Co	Fe	Na	Sb	Sc	Zn	La	Ce	Sm	Al	Ca	Fe	K	Mg	Na	Br	I	V	As
Unit Symbol	ppm	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb
Lower Limit	1	1	1	0.5	1	0.05	100	0.1	0.1	20	0.1	1	0.1	0.5	5	1	5	2	5	1	1	0.1	0.1
Method Code	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
Meas																							
OREAS 153b (Aqua Regia) Cert	6700																						
Oreas 623 (Aqua Regia) Meas	> 10000																						
Oreas 623 (Aqua Regia) Cert	17200																						
Oreas 623 (Aqua Regia) Meas	> 10000																						
Oreas 623 (Aqua Regia) Cert	17200																						
Oreas 623 (Aqua Regia) Meas	> 10000																						
Oreas 623 (Aqua Regia) Cert	17200																						
DMMAS 123 (Aqua Regia) Meas	234																						
DMMAS 123 (Aqua Regia) Cert	236																						
NCR-302 Orig	4																						
NCR-302 Dup	4																						
NCR-329 Orig	10																						
NCR-329 Dup	10																						
NCR-314 Orig														31.6	29	13	6	7	< 5	144	19	12.5	11.7
NCR-314 Dup														32.2	29	14	6	7	< 5	131	17	12.9	11.1
NCR-202 Orig														64.4	58	8	5	12	13	188	35	14.9	6.9
NCR-202 Dup														46.9	43	6	< 5	10	12	172	32	8.4	5.3
NCR-216 Orig														44.4	28	7	9	8	6	104	30	11.5	3.7
NCR-216 Dup														43.2	29	7	9	8	6	96	30	9.5	3.9
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	< 1																						
Method Blank	1																						
Method Blank	< 1																						
Method Blank														< 0.5	< 5	< 1	< 5	< 2	< 5	8	< 1	0.5	< 0.1
Method Blank																							

Analyte Symbol	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-2 Meas		14.5	1.44		1.9		< 0.005	< 0.1	6.27	10.6	25.2	17	203	80	4.0								
TILL-2 Cert		14000	800.0		5000		2	70.0	18400.0	5700.0	15000	32000	150000	130000	31000								
TILL-2 Meas		16.5	1.49		1.9		< 0.005	< 0.1	6.22	10.3	28.5	18	207	98	4.4								
TILL-2 Cert		14000	800.0		5000		2	70.0	18400.0	5700.0	15000	32000	150000	130000	31000								
OREAS 45d (Aqua Regia) Meas																							
OREAS 45d (Aqua Regia) Cert																							
OREAS 45d (Aqua Regia) Meas																							
OREAS 45d (Aqua Regia) Cert																							
OREAS 45d (Aqua Regia) Meas																							
OREAS 45d (Aqua Regia) Cert																							
OREAS 922 (AQUA REGIA) Meas																							
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OREAS 923 (AQUA REGIA) Meas																							
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OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
OREAS 907 (Aqua Regia) Meas																							

Analyte Symbol	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
OREAS 907 (Aqua Regia) Cert																							
OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
L-STD-8 Meas																							
L-STD-8 Cert																							
Oreas 621 (Aqua Regia) Meas																							
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OREAS 263 (Aqua Regia) Meas																							
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OREAS 130 (Aqua Regia) Meas																							
OREAS 130 (Aqua Regia) Cert																							
OREAS 153b (Aqua Regia) Meas																							
OREAS 153b (Aqua Regia) Cert																							
OREAS 153b (Aqua Regia)																							

Analyte Symbol	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
Meas																							
OREAS 153b (Aqua Regia) Cert																							
Oreas 623 (Aqua Regia) Meas																							
Oreas 623 (Aqua Regia) Cert																							
Oreas 623 (Aqua Regia) Meas																							
Oreas 623 (Aqua Regia) Cert																							
Oreas 623 (Aqua Regia) Meas																							
Oreas 623 (Aqua Regia) Cert																							
DMMAS 123 (Aqua Regia) Meas																							
DMMAS 123 (Aqua Regia) Cert																							
NCR-302 Orig																							
NCR-302 Dup																							
NCR-329 Orig																							
NCR-329 Dup																							
NCR-314 Orig	1	0.5	0.26	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	1.40	1.38	48.0	147	22	23	0.9	1.8	0.75	< 0.1	2.8	< 0.01	< 0.2	0.298	< 0.5
NCR-314 Dup	1	0.5	0.28	< 0.5	0.1	< 0.005	< 0.005	< 0.1	1.33	1.33	48.0	146	23	37	0.6	1.9	0.64	< 0.1	2.9	0.02	< 0.2	0.292	< 0.5
NCR-202 Orig	3	0.5	0.33	< 0.5	0.2	< 0.005	< 0.005	< 0.1	1.24	0.94	40.8	80	38	28	0.6	1.1	0.25	< 0.1	0.8	< 0.01	< 0.2	0.403	< 0.5
NCR-202 Dup	3	0.4	0.26	< 0.5	0.2	< 0.005	< 0.005	< 0.1	0.99	0.70	31.7	61	34	34	1.7	0.8	0.26	< 0.1	0.8	< 0.01	< 0.2	0.343	< 0.5
NCR-216 Orig	3	0.2	0.23	< 0.5	< 0.1	< 0.005	0.012	< 0.1	1.42	0.61	36.0	51	8	36	3.9	1.4	0.21	< 0.1	0.4	0.01	< 0.2	0.235	< 0.5
NCR-216 Dup	2	0.3	0.20	< 0.5	< 0.1	< 0.005	0.007	< 0.1	1.32	0.59	35.4	49	8	24	3.4	1.3	0.26	< 0.1	0.5	0.01	< 0.2	0.226	< 0.5
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 1	< 0.1	0.07	< 0.5	0.1	< 0.005	0.011	< 0.1	0.03	0.02	< 0.2	< 1	< 1	11	1.0	< 0.3	< 0.05	< 0.1	< 0.1	< 0.01	< 0.2	0.009	< 0.5
Method Blank																							

Analyte Symbol	Ti	Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	3	0.05	0.1	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-2 Meas	510	14	42.9	33.5	1.8	1.32	0.05	36.4	76.9		43.7	9.96	2.06		1.33			4.58		4.10	0.62	11.1	4.9
TILL-2 Cert	5300000	74000	40000	390000	20000	11000	1900.0	44000	98000		36000	7400.0	1000.0		1200.0			3700.0		3700.0	600.0	47000	4000.0
TILL-2 Meas	590	14	43.1	34.7	2.0	1.18	0.05	35.9	76.6		43.7	9.60	2.01		1.33			4.44		4.25	0.59	13.1	5.2
TILL-2 Cert	5300000	74000	40000	390000	20000	11000	1900.0	44000	98000		36000	7400.0	1000.0		1200.0			3700.0		3700.0	600.0	47000	4000.0
OREAS 45d (Aqua Regia) Meas																							
OREAS 45d (Aqua Regia) Cert																							
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OREAS 923 (AQUA REGIA) Cert																							
OREAS 907 (Aqua Regia) Meas																							

Analyte Symbol	Ti	Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	3	0.05	0.1	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
OREAS 907 (Aqua Regia) Cert																							
OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
L-STD-8 Meas																							
L-STD-8 Cert																							
Oreas 621 (Aqua Regia) Meas																							
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OREAS 153b (Aqua Regia) Meas																							
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OREAS 153b (Aqua Regia)																							

Analyte Symbol	Ti	Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	3	0.05	0.1	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
Meas																							
OREAS 153b (Aqua Regia) Cert																							
Oreas 623 (Aqua Regia) Meas																							
Oreas 623 (Aqua Regia) Cert																							
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Oreas 623 (Aqua Regia) Cert																							
DMMAS 123 (Aqua Regia) Meas																							
DMMAS 123 (Aqua Regia) Cert																							
NCR-302 Orig																							
NCR-302 Dup																							
NCR-329 Orig																							
NCR-329 Dup																							
NCR-314 Orig	420	17	3.60	2.8	0.7	0.10	0.04	6.87	14.0	1.68	6.19	1.13	0.26	0.95	0.12	0.67	0.14	0.38	0.05	0.37	0.05	26.0	2.8
NCR-314 Dup	400	18	3.99	2.6	0.7	0.13	0.03	6.92	14.7	1.69	6.33	1.18	0.31	0.95	0.12	0.70	0.15	0.42	0.06	0.41	0.05	25.9	2.5
NCR-202 Orig	360	23	1.98	4.0	0.4	0.16	< 0.02	2.89	5.07	0.60	2.05	0.48	0.13	0.48	0.07	0.43	0.09	0.20	0.03	0.23	0.04	32.2	3.9
NCR-202 Dup	250	19	1.68	3.4	0.3	0.14	< 0.02	2.37	4.17	0.51	1.88	0.35	0.11	0.38	0.06	0.38	0.08	0.19	0.03	0.20	0.03	48.1	3.1
NCR-216 Orig	250	27	3.25	7.7	0.4	0.28	< 0.02	5.18	7.18	0.86	3.30	0.61	0.20	0.64	0.09	0.58	0.12	0.35	0.05	0.30	0.05	35.8	3.6
NCR-216 Dup	240	28	3.09	7.1	0.4	0.30	< 0.02	5.12	7.06	0.93	3.09	0.63	0.20	0.60	0.09	0.59	0.12	0.36	0.05	0.36	0.03	34.8	3.8
Method Blank																							
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Method Blank																							
Method Blank	< 10	< 3	0.23	0.6	< 0.1	0.02	< 0.02	< 0.01	0.10	0.07	0.09	0.05	0.01	0.07	< 0.01	0.03	< 0.01	0.02	< 0.01	0.02	< 0.01	4.8	< 0.1
Method Blank																							

Analyte Symbol	Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Pt	Cl
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	1000
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-2 Meas	20	8340	182	755	2.13	1600				
TILL-2 Cert	12000	780000	143000	144000	12000	540000				
TILL-2 Meas	20	8990	190	807	2.18	1740				
TILL-2 Cert	12000	780000	143000	144000	12000	540000				
OREAS 45d (Aqua Regia) Meas										
OREAS 45d (Aqua Regia) Cert										
OREAS 45d (Aqua Regia) Meas										
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OREAS 45d (Aqua Regia) Meas										
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OREAS 923 (AQUA REGIA) Meas										
OREAS 923 (AQUA REGIA) Cert										
OREAS 907 (Aqua Regia) Meas										

Analyte Symbol	Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Pt	Cl
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	1000
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
OREAS 907 (Aqua Regia) Cert										
OREAS 907 (Aqua Regia) Meas										
OREAS 907 (Aqua Regia) Cert										
OREAS 907 (Aqua Regia) Meas										
OREAS 907 (Aqua Regia) Cert										
L-STD-8 Meas										
L-STD-8 Cert										
Oreas 621 (Aqua Regia) Meas										
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OREAS 130 (Aqua Regia) Cert										
OREAS 153b (Aqua Regia) Meas										
OREAS 153b (Aqua Regia) Cert										
OREAS 153b (Aqua Regia)										

Analyte Symbol	Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Pt	Cl
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	1000
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
Meas										
OREAS 153b (Aqua Regia) Cert										
Oreas 623 (Aqua Regia) Meas										
Oreas 623 (Aqua Regia) Cert										
Oreas 623 (Aqua Regia) Meas										
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Oreas 623 (Aqua Regia) Cert										
DMMAS 123 (Aqua Regia) Meas										
DMMAS 123 (Aqua Regia) Cert										
NCR-302 Orig										
NCR-302 Dup										
NCR-329 Orig										
NCR-329 Dup										
NCR-314 Orig	< 10	361	62.2	135	0.71	1290	< 0.5	< 0.5	< 0.5	5000
NCR-314 Dup	< 10	369	63.7	136	0.75	1240	< 0.5	< 0.5	< 0.5	4000
NCR-202 Orig	< 10	331	74.9	236	1.09	890	< 0.5	< 0.5	< 0.5	2000
NCR-202 Dup	< 10	246	57.3	172	0.98	707	< 0.5	< 0.5	< 0.5	2000
NCR-216 Orig	< 10	2250	153	127	1.16	1370	< 0.5	< 0.5	< 0.5	2000
NCR-216 Dup	< 10	2180	152	123	1.13	1330	< 0.5	< 0.5	< 0.5	2000
Method Blank										
Method Blank										
Method Blank										
Method Blank										
Method Blank										
Method Blank										
Method Blank										
Method Blank										
Method Blank										
Method Blank	< 10	< 0.4	0.2	0.3	0.02	4.7	< 0.5	< 0.5	< 0.5	
Method Blank										10000

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-09118**
Report Date: **08-Sep-22**
Date Submitted: **04-Jul-22**
Your Reference: **MARKOP-NCR-ARSENO LAKE**

Romios Gold Resources Inc.
500 2 Toronto Street
Toronto Ontario M5C 2B6
Canada

ATTN: John Biczok

CERTIFICATE OF ANALYSIS

46 Humus samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1D Enh	QOP INAAGEO (INAA)	2022-07-22 13:07:13
1E	QOP AquaGeo (Multi-element Aqua Regia ICPOES)	2022-07-22 09:30:30

REPORT **A22-09118**

Notes:

For values exceeding the upper limits we recommend assays.

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

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sn	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm
Lower Limit	2	5	0.5	50	0.5	1	1	5	1	0.01	1	1	5	1	0.01	20	15	0.1	0.1	3	0.02	0.05	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
NCR-500	31	< 5	10.5	340	< 0.5	6	61	119	< 1	2.88	< 1	< 1	< 5	< 1	2.63	< 20	< 15	< 0.1	9.3	< 3	< 0.02	< 0.05	< 0.5
NCR-501	< 2	< 5	< 0.5	< 50	23.9	4	< 1	13	< 1	0.99	< 1	< 1	< 5	< 1	0.37	< 20	< 15	< 0.1	2.5	< 3	< 0.02	< 0.05	< 0.5
NCR-502	< 2	< 5	4.7	< 50	21.4	4	4	28	< 1	0.81	< 1	< 1	< 5	< 1	0.40	< 20	< 15	0.6	2.2	< 3	< 0.02	< 0.05	< 0.5
NCR-504	< 2	< 5	9.2	< 50	24.3	< 1	10	56	< 1	1.53	< 1	< 1	< 5	< 1	0.33	< 20	< 15	0.8	5.7	< 3	< 0.02	< 0.05	< 0.5
NCR-505	< 2	< 5	8.5	< 50	25.3	4	21	47	< 1	1.45	< 1	< 1	< 5	< 1	0.20	< 20	< 15	< 0.1	3.5	< 3	< 0.02	< 0.05	< 0.5
NCR-507	< 2	< 5	6.2	290	7.2	< 1	9	47	< 1	0.76	< 1	< 1	< 5	< 1	0.66	< 20	< 15	0.8	3.9	< 3	< 0.02	< 0.05	< 0.5
NCR-513	< 2	< 5	6.1	590	< 0.5	< 1	13	36	< 1	0.99	3	< 1	< 5	< 1	1.67	< 20	147	< 0.1	2.4	< 3	< 0.02	< 0.05	< 0.5
NCR-517	19	< 5	5.2	< 50	21.0	3	6	< 5	< 1	0.46	< 1	1	< 5	< 1	0.09	< 20	< 15	< 0.1	1.5	< 3	< 0.02	< 0.05	< 0.5
NCR-518	8	< 5	5.8	< 50	35.9	4	2	< 5	< 1	0.46	< 1	< 1	< 5	< 1	0.06	< 20	< 15	0.7	1.3	< 3	< 0.02	< 0.05	< 0.5
NCR-521	15	< 5	8.5	< 50	18.2	< 1	15	77	< 1	2.61	< 1	< 1	< 5	< 1	1.44	< 20	< 15	< 0.1	9.2	< 3	< 0.02	< 0.05	< 0.5
NCR-524	14	< 5	13.7	< 50	10.1	< 1	8	103	< 1	1.60	< 1	< 1	< 5	< 1	0.97	< 20	63	< 0.1	5.6	< 3	< 0.02	< 0.05	< 0.5
NCR-526	17	< 5	12.1	< 50	41.7	4	7	18	< 1	1.28	< 1	1	< 5	27	0.14	< 20	< 15	< 0.1	2.6	< 3	< 0.02	< 0.05	< 0.5
NCR-528	< 2	< 5	4.8	310	10.5	< 1	8	27	4	1.04	2	< 1	< 5	< 1	0.85	< 20	138	0.4	4.0	< 3	< 0.02	< 0.05	< 0.5
NCR-600	60	< 5	8.2	280	< 0.5	< 1	53	93	3	2.99	3	< 1	< 5	< 1	2.60	< 20	< 15	< 0.1	8.3	< 3	< 0.02	< 0.05	< 0.5
NCR-604	< 2	< 5	7.7	< 50	20.5	1	15	21	< 1	0.98	< 1	< 1	< 5	< 1	0.11	< 20	< 15	< 0.1	2.6	< 3	< 0.02	< 0.05	< 0.5
NCR-606	< 2	< 5	6.7	< 50	15.8	1	4	16	< 1	0.57	< 1	< 1	< 5	< 1	0.14	< 20	< 15	< 0.1	1.6	< 3	< 0.02	< 0.05	< 0.5
NCR-607	< 2	< 5	6.9	< 50	16.2	3	7	28	< 1	0.74	< 1	< 1	< 5	< 1	0.20	< 20	< 15	0.2	2.4	< 3	< 0.02	< 0.05	< 0.5
NCR-610	16	< 5	11.3	410	19.9	< 1	10	55	< 1	1.69	< 1	< 1	< 5	< 1	0.70	< 20	36	0.3	9.1	< 3	< 0.02	< 0.05	< 0.5
NCR-611	10	< 5	7.8	< 50	16.6	< 1	< 1	36	< 1	0.95	< 1	< 1	< 5	< 1	0.48	< 20	< 15	< 0.1	3.0	< 3	< 0.02	< 0.05	< 0.5
NCR-612	20	< 5	10.9	< 50	14.1	< 1	43	78	3	3.64	< 1	1	< 5	< 1	0.78	< 20	< 15	< 0.1	7.8	< 3	< 0.02	< 0.05	< 0.5
NCR-614	< 2	< 5	8.3	400	7.4	< 1	5	37	< 1	0.87	2	< 1	< 5	< 1	0.85	< 20	54	0.3	3.7	< 3	< 0.02	< 0.05	< 0.5
NCR-615	20	< 5	11.5	< 50	< 0.5	< 1	6	50	< 1	1.57	< 1	< 1	< 5	< 1	0.41	< 20	< 15	0.2	6.8	< 3	< 0.02	< 0.05	< 0.5
NCR-617	< 2	< 5	8.0	190	10.4	< 1	4	31	< 1	0.83	< 1	< 1	< 5	< 1	0.56	< 20	< 15	< 0.1	3.4	< 3	< 0.02	< 0.05	< 0.5
NCR-618	< 2	< 5	9.9	240	38.8	< 1	63	77	< 1	2.78	< 1	< 1	< 5	< 1	0.99	< 20	< 15	1.0	9.7	< 3	< 0.02	< 0.05	< 0.5
NCR-619	14	< 5	8.7	< 50	38.5	3	11	29	< 1	0.72	< 1	< 1	< 5	< 1	0.09	270	< 15	1.0	2.6	< 3	< 0.02	< 0.05	< 0.5
NCR-621	10	< 5	7.6	< 50	14.1	< 1	< 1	10	< 1	0.39	< 1	< 1	< 5	< 1	0.14	< 20	< 15	0.5	1.4	< 3	< 0.02	< 0.05	< 0.5
NCR-622	12	< 5	7.8	< 50	14.8	< 1	< 1	15	< 1	0.49	< 1	< 1	< 5	< 1	0.29	< 20	< 15	0.7	2.0	< 3	< 0.02	< 0.05	< 0.5
NCR-623	< 2	< 5	6.4	< 50	16.9	< 1	7	34	< 1	1.57	< 1	< 1	< 5	< 1	0.44	< 20	< 15	0.5	7.7	< 3	< 0.02	< 0.05	< 0.5
NCR-624	9	< 5	7.1	230	9.9	2	2	14	< 1	0.51	1	< 1	< 5	< 1	0.34	< 20	< 15	0.5	2.0	< 3	< 0.02	< 0.05	< 0.5
NCR-625	10	< 5	8.0	< 50	8.4	< 1	4	24	2	0.51	< 1	< 1	< 5	< 1	0.58	< 20	< 15	0.5	2.2	< 3	< 0.02	< 0.05	< 0.5
NCR-627	12	< 5	8.3	< 50	8.0	< 1	4	24	< 1	0.51	< 1	< 1	< 5	< 1	0.61	< 20	< 15	0.3	2.2	< 3	< 0.02	< 0.05	< 0.5
NCR-628	11	< 5	8.0	220	12.6	< 1	< 1	22	< 1	0.50	< 1	< 1	< 5	< 1	0.37	< 20	< 15	< 0.1	2.2	< 3	< 0.02	< 0.05	< 0.5
NCR-629	20	< 5	7.6	< 50	8.0	< 1	4	20	< 1	0.77	3	< 1	< 5	< 1	0.71	< 20	< 15	0.3	3.7	< 3	< 0.02	< 0.05	< 0.5
NCR-630	< 2	< 5	7.1	< 50	14.6	< 1	< 1	8	< 1	0.39	< 1	< 1	< 5	< 1	0.15	< 20	< 15	< 0.1	1.2	< 3	< 0.02	< 0.05	< 0.5
NCR-631	17	< 5	6.6	< 50	15.1	2	2	< 5	< 1	0.24	< 1	< 1	< 5	< 1	0.07	< 20	17	0.1	0.7	< 3	< 0.02	< 0.05	< 0.5
NCR-632	17	< 5	6.8	< 50	15.1	2	< 1	< 5	< 1	0.29	< 1	< 1	< 5	< 1	0.05	< 20	< 15	< 0.1	0.7	< 3	< 0.02	< 0.05	< 0.5
NCR-633	12	< 5	8.6	< 50	17.2	3	2	< 5	< 1	0.46	< 1	< 1	< 5	< 1	0.07	< 20	< 15	0.2	1.3	< 3	< 0.02	< 0.05	< 0.5
NCR-634	13	< 5	10.5	< 50	8.6	< 1	3	18	< 1	0.70	2	< 1	< 5	< 1	0.31	< 20	< 15	0.3	2.3	< 3	< 0.02	< 0.05	< 0.5
NCR-635	8	< 5	11.4	< 50	10.9	< 1	4	8	< 1	0.57	< 1	< 1	< 5	< 1	0.23	< 20	< 15	0.3	1.5	< 3	< 0.02	< 0.05	< 0.5
NCR-637	41	< 5	13.0	< 50	11.8	< 1	10	114	< 1	4.29	2	< 1	< 5	< 1	0.66	< 20	< 15	0.6	15.9	< 3	< 0.02	< 0.05	< 0.5
NCR-638	25	< 5	13.4	< 50	12.4	< 1	5	20	< 1	0.98	< 1	< 1	< 5	< 1	0.35	< 20	< 15	0.2	3.3	< 3	< 0.02	< 0.05	< 0.5
NCR-639	28	< 5	16.0	< 50	12.4	< 1	7	48	< 1	2.12	4	< 1	< 5	< 1	0.83	< 20	< 15	0.4	7.5	< 3	< 0.02	< 0.05	< 0.5
NCR-641	20	< 5	13.4	< 50	17.4	< 1	5	10	< 1	0.77	< 1	< 1	< 5	< 1	0.12	< 20	< 15	0.1	1.7	< 3	< 0.02	< 0.05	< 0.5
NCR-642-A	26	< 5	6.1	< 50	25.0	4	< 1	14	< 1	0.45	< 1	< 1	< 5	< 1	0.09	< 20	< 15	< 0.1	1.2	< 3	< 0.02	< 0.05	< 0.5
NCR-642-B	< 2	< 5	10.4	< 50	38.9	3	24	47	< 1	1.95	< 1	< 1	< 5	< 1	0.30	< 20	< 15	0.7	4.5	< 3	< 0.02	< 0.05	< 0.5
NCR-644	< 2	< 5	9.8	< 50	13.8	< 1	4	28	< 1	1.05	< 1	< 1	< 5	< 1	0.68	< 20	< 15	0.1	4.4	< 3	< 0.02	< 0.05	< 0.5

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Hg	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.2	0.5	1	50	0.5	3	5	0.1	0.2	0.5	0.2	0.05		1	0.2	0.5	1	2	2	1	2	1	0.001
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
NCR-500	6.8	< 0.5	< 1	< 50	33.2	46	17	2.9	1.0	< 0.5	1.1	0.06	30.9	< 1	< 0.2	< 0.5	172	365	15	85	294	229	0.045
NCR-501	3.5	< 0.5	< 1	< 50	9.5	19	< 5	0.8	< 0.2	< 0.5	< 0.2	< 0.05	15.4	< 1	< 0.2	< 0.5	14	36	< 2	6	5	16	0.133
NCR-502	2.9	< 0.5	< 1	< 50	8.5	15	< 5	0.8	< 0.2	< 0.5	< 0.2	< 0.05	14.4	< 1	< 0.2	< 0.5	19	211	< 2	11	4	18	0.091
NCR-504	11.3	5.2	< 1	< 50	40.9	68	< 5	3.1	0.8	< 0.5	1.7	0.10	15.8	< 1	0.2	< 0.5	44	225	< 2	43	4	13	0.217
NCR-505	5.2	3.2	< 1	< 50	31.3	78	< 5	2.1	0.7	< 0.5	< 0.2	0.06	13.7	< 1	< 0.2	< 0.5	30	801	< 2	26	5	7	0.137
NCR-507	3.3	< 0.5	< 1	< 50	8.6	22	< 5	1.0	< 0.2	< 0.5	< 0.2	< 0.05	10.9	< 1	0.7	0.9	25	74	< 2	12	26	18	0.061
NCR-513	3.5	< 0.5	< 1	< 50	10.4	24	< 5	1.0	< 0.2	< 0.5	0.7	< 0.05	15.7	< 1	0.4	0.6	10	5080	< 2	5	29	42	0.044
NCR-517	1.7	< 0.5	< 1	< 50	4.6	14	< 5	0.6	< 0.2	< 0.5	< 0.2	< 0.05	12.3	< 1	< 0.2	< 0.5	28	482	< 2	10	2	5	0.130
NCR-518	2.0	1.5	< 1	< 50	6.9	11	< 5	0.6	< 0.2	< 0.5	< 0.2	< 0.05	14.1	< 1	< 0.2	< 0.5	133	202	< 2	20	< 2	6	0.132
NCR-521	8.3	5.4	< 1	< 50	35.2	75	< 5	2.6	0.7	< 0.5	1.0	0.13	21.3	< 1	< 0.2	< 0.5	74	161	< 2	30	8	19	0.068
NCR-524	5.8	< 0.5	< 1	< 50	23.2	42	< 5	1.4	< 0.2	< 0.5	< 0.2	< 0.05	12.0	< 1	< 0.2	0.8	14	96	< 2	41	20	17	0.050
NCR-526	3.3	48.8	< 1	< 50	17.8	34	< 5	0.8	0.4	< 0.5	< 0.2	< 0.05	13.6	< 1	< 0.2	< 0.5	51	34	< 2	23	< 2	3	0.269
NCR-528	3.7	< 0.5	< 1	< 50	12.5	33	< 5	1.1	< 0.2	< 0.5	< 0.2	< 0.05	14.4	< 1	0.6	0.7	17	1600	< 2	17	42	15	0.078
NCR-600	3.1	< 0.5	< 1	< 50	28.3	53	< 5	2.1	0.7	< 0.5	0.9	0.07	30.2	< 1	< 0.2	< 0.5	180	372	15	89	306	238	0.047
NCR-604	1.0	< 0.5	< 1	< 50	7.8	13	< 5	0.7	0.3	< 0.5	0.4	0.06	10.6	< 1	< 0.2	1.1	53	804	< 2	20	13	13	0.132
NCR-606	0.9	< 0.5	< 1	< 50	4.1	< 3	< 5	0.4	< 0.2	< 0.5	< 0.2	< 0.05	10.3	< 1	< 0.2	< 0.5	34	538	< 2	8	4	5	0.133
NCR-607	4.3	4.4	< 1	< 50	11.5	19	< 5	0.8	0.3	< 0.5	< 0.2	0.07	12.0	< 1	< 0.2	< 0.5	24	612	< 2	9	4	8	0.106
NCR-610	9.4	< 0.5	< 1	< 50	26.0	41	< 5	2.8	0.7	< 0.5	2.1	0.16	15.3	< 1	< 0.2	0.8	602	1130	< 2	88	5	15	0.099
NCR-611	5.0	< 0.5	< 1	< 50	19.9	41	< 5	1.4	0.4	< 0.5	0.9	0.06	11.4	< 1	< 0.2	< 0.5	62	65	< 2	20	3	9	0.084
NCR-612	3.7	3.3	< 1	< 50	20.2	73	< 5	1.4	< 0.2	< 0.5	0.7	0.06	13.3	< 1	< 0.2	< 0.5	70	4000	< 2	44	16	42	0.067
NCR-614	3.3	< 0.5	< 1	< 50	7.0	17	< 5	0.6	< 0.2	< 0.5	0.6	< 0.05	11.5	< 1	< 0.2	0.9	15	180	< 2	15	27	12	0.049
NCR-615	2.0	< 0.5	< 1	< 50	4.7	13	< 5	0.7	< 0.2	< 0.5	0.9	< 0.05	9.79	< 1	< 0.2	1.1	16	166	< 2	22	89	19	0.050
NCR-617	1.5	< 0.5	< 1	< 50	5.6	22	< 5	0.6	< 0.2	< 0.5	< 0.2	< 0.05	9.64	< 1	< 0.2	0.5	7	76	< 2	8	28	13	0.063
NCR-618	7.7	< 0.5	< 1	< 50	63.4	129	37	4.5	1.4	< 0.5	1.5	0.17	19.3	< 1	< 0.2	< 0.5	152	3300	< 2	70	3	17	0.127
NCR-619	4.1	< 0.5	< 1	< 50	7.3	19	< 5	0.7	0.3	< 0.5	0.5	0.05	12.9	< 1	< 0.2	1.0	46	3160	< 2	30	6	6	0.149
NCR-621	1.2	< 0.5	< 1	< 50	3.1	< 3	< 5	0.3	< 0.2	< 0.5	< 0.2	< 0.05	8.30	< 1	< 0.2	0.7	8	318	< 2	9	22	31	0.073
NCR-622	1.2	< 0.5	< 1	< 50	3.6	9	< 5	0.4	< 0.2	< 0.5	< 0.2	0.05	9.17	< 1	< 0.2	0.6	8	203	< 2	8	29	14	0.075
NCR-623	< 0.2	< 0.5	< 1	< 50	5.1	24	< 5	0.7	< 0.2	< 0.5	0.7	< 0.05	11.1	< 1	< 0.2	< 0.5	36	162	< 2	23	39	27	0.093
NCR-624	2.7	< 0.5	< 1	< 50	4.8	9	< 5	0.4	< 0.2	< 0.5	< 0.2	< 0.05	8.98	< 1	< 0.2	< 0.5	7	164	< 2	9	31	12	0.064
NCR-625	2.2	< 0.5	< 1	< 50	4.4	19	< 5	0.4	< 0.2	< 0.5	< 0.2	< 0.05	9.54	< 1	< 0.2	< 0.5	6	73	< 2	8	24	17	0.063
NCR-627	2.4	< 0.5	< 1	< 50	6.1	22	< 5	0.4	< 0.2	< 0.5	< 0.2	0.05	10.4	< 1	< 0.2	1.0	6	45	< 2	12	25	19	0.051
NCR-628	< 0.2	< 0.5	< 1	< 50	4.1	12	< 5	0.4	< 0.2	< 0.5	< 0.2	< 0.05	9.23	< 1	0.5	0.7	9	1490	< 2	13	22	21	0.110
NCR-629	2.0	< 0.5	< 1	< 50	7.5	22	< 5	0.7	< 0.2	< 0.5	0.7	0.05	11.5	< 1	< 0.2	< 0.5	6	97	< 2	9	22	13	0.076
NCR-630	2.2	< 0.5	< 1	< 50	3.0	< 3	< 5	0.3	< 0.2	< 0.5	< 0.2	< 0.05	8.47	< 1	< 0.2	< 0.5	3	37	< 2	4	19	9	0.114
NCR-631	1.0	< 0.5	< 1	< 50	1.8	10	< 5	0.1	< 0.2	< 0.5	< 0.2	< 0.05	9.03	< 1	< 0.2	< 0.5	3	37	< 2	2	10	5	0.098
NCR-632	1.0	< 0.5	< 1	< 50	2.7	8	< 5	0.3	< 0.2	< 0.5	< 0.2	< 0.05	11.1	< 1	< 0.2	< 0.5	7	154	< 2	3	5	6	0.108
NCR-633	1.2	< 0.5	< 1	< 50	3.5	5	< 5	0.4	< 0.2	< 0.5	< 0.2	< 0.05	11.1	< 1	< 0.2	< 0.5	19	257	< 2	6	< 2	5	0.141
NCR-634	4.5	< 0.5	< 1	< 50	7.3	23	< 5	0.7	< 0.2	< 0.5	< 0.2	< 0.05	8.99	< 1	< 0.2	< 0.5	9	42	< 2	5	15	14	0.092
NCR-635	2.3	< 0.5	< 1	< 50	3.8	< 3	< 5	0.4	< 0.2	< 0.5	< 0.2	< 0.05	8.26	< 1	< 0.2	< 0.5	5	31	< 2	5	21	10	0.117
NCR-637	2.8	< 0.5	< 1	< 50	4.6	< 3	< 5	0.8	< 0.2	< 0.5	1.0	0.08	14.0	< 1	< 0.2	< 0.5	15	386	< 2	42	8	35	0.047
NCR-638	1.7	< 0.5	< 1	< 50	6.6	20	< 5	0.6	< 0.2	< 0.5	< 0.2	< 0.05	9.88	< 1	< 0.2	< 0.5	11	65	< 2	12	12	12	0.108
NCR-639	3.0	< 0.5	< 1	< 50	5.0	10	< 5	0.6	< 0.2	< 0.5	0.7	< 0.05	10.6	< 1	< 0.2	< 0.5	5	87	< 2	15	18	13	0.056
NCR-641	1.2	< 0.5	< 1	< 50	5.0	22	< 5	0.4	< 0.2	< 0.5	< 0.2	< 0.05	8.65	< 1	< 0.2	< 0.5	11	675	< 2	6	6	7	0.127
NCR-642-A	1.8	< 0.5	< 1	< 50	2.1	< 3	< 5	0.3	< 0.2	< 0.5	< 0.2	< 0.05	11.6	< 1	< 0.2	< 0.5	8	341	< 2	3	< 2	4	0.122
NCR-642-B	6.6	5.3	< 1	< 50	30.5	67	< 5	2.8	0.6	< 0.5	1.0	< 0.05	15.0	< 1	< 0.2	< 0.5	28	1660	< 2	23	3	8	0.126
NCR-644	3.3	< 0.5	< 1	< 50	6.9	19	< 5	0.8	< 0.2	< 0.5	< 0.2	0.07	11.5	< 1	< 0.2	0.8	11	136	< 2	10	12	11	0.063

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sn	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm
Lower Limit	2	5	0.5	50	0.5	1	1	5	1	0.01	1	1	5	1	0.01	20	15	0.1	0.1	3	0.02	0.05	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
OREAS 45d (Aqua Regia) Meas																							
OREAS 45d (Aqua Regia) Cert																							
OREAS 922 (AQUA REGIA) Meas																							
OREAS 922 (AQUA REGIA) Cert																							
OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
OREAS 263 (Aqua Regia) Meas																							
OREAS 263 (Aqua Regia) Cert																							
OREAS 263 (Aqua Regia) Meas																							
OREAS 263 (Aqua Regia) Cert																							
OREAS 130 (Aqua Regia) Meas																							
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OREAS 130 (Aqua Regia) Cert																							
Oreas 623 (Aqua Regia) Meas																							
Oreas 623 (Aqua Regia) Cert																							
OREAS 521 (Aqua Regia) Meas																							
OREAS 521 (Aqua Regia) Cert																							
DMMAS 123 (Aqua Regia) Meas																							
DMMAS 123 (Aqua Regia) Cert																							

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sn	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm
Lower Limit	2	5	0.5	50	0.5	1	1	5	1	0.01	1	1	5	1	0.01	20	15	0.1	0.1	3	0.02	0.05	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Oreas 620 (Aqua Regia) Meas																							
Oreas 620 (Aqua Regia) Cert																							
Oreas 620 (Aqua Regia) Meas																							
Oreas 620 (Aqua Regia) Cert																							
Oreas 610 (Aqua Regia) Meas																							
Oreas 610 (Aqua Regia) Cert																							
Oreas 610 (Aqua Regia) Meas																							
Oreas 610 (Aqua Regia) Cert																							
DMMAS 124 Meas	2210		1530	470		< 1	54	109	< 1	14.9	< 1			< 1	0.73	< 20	< 15	5.2	16.1	< 3		< 0.05	
DMMAS 124 Cert	2250		1590	351		5.77	57.4	113	2.33	14.8	1.33			4.72	0.687	65.1	46.3	4.99	16.2	5.85		0.0141	
NCR-513 Orig																							
NCR-513 Dup																							
NCR-604 Orig																							
NCR-604 Dup																							
NCR-614 Orig																							
NCR-614 Dup																							
NCR-628 Orig	9	< 5	4.6	200	12.6	< 1	< 1	22	< 1	0.55	< 1	< 1	< 5	< 1	0.37	< 20	< 15	< 0.1	2.2	< 3	< 0.02	< 0.05	< 0.5
NCR-628 Dup	13	< 5	11.4	240	12.6	< 1	5	22	< 1	0.46	< 1	< 1	< 5	< 1	0.37	< 20	< 15	0.3	2.2	< 3	< 0.02	< 0.05	< 0.5
NCR-637 Orig																							
NCR-637 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 2	< 5	< 0.5	< 50	< 0.5	< 1	< 1	< 5	< 1	< 0.01	< 1	< 1	< 5	< 1	< 0.01	< 20	< 15	< 0.1	< 0.1	< 3	< 0.02	< 0.05	< 0.5

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Hg	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.2	0.5	1	50	0.5	3	5	0.1	0.2	0.5	0.2	0.05		1	0.2	0.5	1	2	2	1	2	1	0.001
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 45d (Aqua Regia) Meas																	365	397		208	10	33	0.036
OREAS 45d (Aqua Regia) Cert																	345	400		176	17	30.6	0.045
OREAS 922 (AQUA REGIA) Meas															0.8	< 0.5	2270	731	< 2	33	53	247	0.354
OREAS 922 (AQUA REGIA) Cert															0.851	0.28	2176	730	0.69	34.3	60	256	0.386
OREAS 907 (Aqua Regia) Meas															1.2	< 0.5	6250	341	6	6	33	144	0.061
OREAS 907 (Aqua Regia) Cert															1.30	0.540	6370	330	5.64	4.74	34.1	139	0.0660
OREAS 907 (Aqua Regia) Meas															1.2	< 0.5	6230	335	5	5	30	142	0.057
OREAS 907 (Aqua Regia) Cert															1.30	0.540	6370	330	5.64	4.74	34.1	139	0.0660
OREAS 263 (Aqua Regia) Meas														< 1	0.2	< 0.5	91	519	< 2	76	35	133	0.123
OREAS 263 (Aqua Regia) Cert														0.170	0.285	0.270	87.0	490	0.570	72.0	34.0	127	0.126
OREAS 263 (Aqua Regia) Meas														< 1	0.3	< 0.5	92	534	< 2	74	33	133	0.116
OREAS 263 (Aqua Regia) Cert														0.170	0.285	0.270	87.0	490	0.570	72.0	34.0	127	0.126
OREAS 130 (Aqua Regia) Meas														2	6.5	29.3	234	1620	8	35	1280	> 10000	6.288
OREAS 130 (Aqua Regia) Cert														0.670	6.27	28.8	226	1630	8.25	35.2	1300	16900	6.02
OREAS 130 (Aqua Regia) Meas														< 1	6.3	29.2	232	1600	7	33	1220	> 10000	6.340
OREAS 130 (Aqua Regia) Cert														0.670	6.27	28.8	226	1630	8.25	35.2	1300	16900	6.02
OREAS 130 (Aqua Regia) Meas														< 1	6.4	29.2	237	1610	8	34	1230	> 10000	6.443
OREAS 130 (Aqua Regia) Cert														0.670	6.27	28.8	226	1630	8.25	35.2	1300	16900	6.02
Oreas 623 (Aqua Regia) Meas														< 1	19.0	49.2	> 10000	525	7	12	2050	9310	8.437
Oreas 623 (Aqua Regia) Cert														0.830	20.4	52.0	17200	570	8.38	15.6	2520	10100	8.75
OREAS 521 (Aqua Regia) Meas															0.8		5370	2430	130	62	7	21	1.521
OREAS 521 (Aqua Regia) Cert															0.8		5990	3000	133	68	9	24	1.850
DMMAS 123 (Aqua Regia) Meas																< 0.5	232	1050	5	55	10	61	1.416
DMMAS 123 (Aqua Regia) Cert																0.451	236	1222	4.58	55.0	12.5	65.2	1.44

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Hg	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.2	0.5	1	50	0.5	3	5	0.1	0.2	0.5	0.2	0.05		1	0.2	0.5	1	2	2	1	2	1	0.001
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Oreas 620 (Aqua Regia) Meas														2	41.3	166	1880	446	11	15	> 5000	> 10000	2.579
Oreas 620 (Aqua Regia) Cert														2	38.4	161	1750	414	9.0	14	7740	31200	2.470
Oreas 620 (Aqua Regia) Meas														2	39.3	153	1770	433	9	14	> 5000	> 10000	2.460
Oreas 620 (Aqua Regia) Cert														2	38.4	161	1750	414	9	14	7740	31200	2.470
Oreas 610 (Aqua Regia) Meas														< 1	43.2	14.3	> 10000	77	6	26	560	2030	2.920
Oreas 610 (Aqua Regia) Cert														0.8	48.4	12.3	9720	66	4	24	512	1760	2.650
Oreas 610 (Aqua Regia) Meas														< 1	52.9	13.6	> 10000	77	5	24	541	1950	2.917
Oreas 610 (Aqua Regia) Cert														0.8	48.4	12.3	9720	66	4	24	512	1760	2.650
DMMAS 124 Meas	1.7	13.8			10.5	< 3	< 5	2.4	0.6	1.1	1.0	0.09											
DMMAS 124 Cert	1.81	13.6			10.4	18.0	9.10	1.94	0.713	0.40	1.52	0.251											
NCR-513 Orig														< 1	0.4	0.6	11	4990	< 2	5	29	43	0.045
NCR-513 Dup														< 1	0.3	0.6	9	5170	< 2	6	28	41	0.043
NCR-604 Orig														< 1	< 0.2	1.1	54	805	< 2	20	12	13	0.132
NCR-604 Dup														< 1	< 0.2	1.1	52	804	< 2	20	13	13	0.131
NCR-614 Orig														< 1	< 0.2	0.9	14	197	< 2	16	27	13	0.052
NCR-614 Dup														< 1	< 0.2	0.8	15	164	< 2	14	27	11	0.046
NCR-628 Orig	< 0.2	3.7	< 1	< 50	4.1	14	< 5	0.3	< 0.2	< 0.5	< 0.2	< 0.05	9.29										
NCR-628 Dup	1.4	< 0.5	< 1	< 50	4.1	10	< 5	0.4	< 0.2	< 0.5	< 0.2	< 0.05	9.17										
NCR-637 Orig														< 1	< 0.2	< 0.5	17	403	< 2	45	8	36	0.047
NCR-637 Dup														< 1	< 0.2	< 0.5	13	370	< 2	39	8	33	0.048
Method Blank														< 1	< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1	< 0.001
Method Blank														< 1	< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1	< 0.001
Method Blank														< 1	< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1	< 0.001
Method Blank														< 1	< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1	< 0.001
Method Blank														< 1	< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1	< 0.001
Method Blank														< 1	< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1	< 0.001
Method Blank	< 0.2	< 0.5	< 1	< 50	< 0.5	< 3	< 5	< 0.1	< 0.2	< 0.5	< 0.2	< 0.05	30.0										

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-09119**
Report Date: **30-Sep-22**
Date Submitted: **04-Jul-22**
Your Reference: **MARKOP-NCR-ARSENO LAKE**

Romios Gold Resources Inc.
500 2 Toronto Street
Toronto Ontario M5C 2B6
Canada

ATTN: John Biczok

CERTIFICATE OF ANALYSIS

31 Sand samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
7-EnhESE-Enhanced Enzyme Selective Extraction	QOP Enzyme (7-EnhESE-Enhanced Enzyme Selective Extraction ICPMS)	2022-08-03 16:27:57

REPORT **A22-09119**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Al	Ca	Fe	K	Mg	Na	Cl	Br	I	V	As	Se	Mo	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.5	5	1	5	2	5	1000	1	1	0.1	0.1	1	0.1	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-503	10.2	46	7	6	16	< 5	6000	49	6	121	16.4	2	2.0	< 0.5	0.4	< 0.005	< 0.005	< 0.1	1.60	0.55	16.5	34	14
NCR-506	41.0	20	14	11	13	9	11000	84	10	13.6	6.0	3	0.7	< 0.5	0.1	< 0.005	0.006	0.2	2.95	0.82	46.6	81	19
NCR-508	29.0	57	12	9	19	12	12000	92	12	22.8	5.3	< 1	0.8	< 0.5	0.1	< 0.005	< 0.005	< 0.1	2.44	0.81	90.3	80	18
NCR-509	30.0	44	13	8	15	8	7000	83	12	15.6	10.8	2	0.8	< 0.5	0.1	< 0.005	0.010	0.1	1.94	0.98	68.5	88	23
NCR-510	20.6	18	10	11	13	7	9000	69	11	13.8	6.6	3	0.5	< 0.5	< 0.1	0.008	0.007	< 0.1	1.09	0.50	50.5	69	11
NCR-511	27.2	95	3	13	21	7	10000	113	11	10.2	6.4	3	0.5	< 0.5	< 0.1	0.008	0.013	< 0.1	2.28	0.59	59.6	45	14
NCR-512	22.5	30	12	15	16	7	10000	104	11	39.7	7.3	3	0.9	< 0.5	0.2	< 0.005	< 0.005	< 0.1	1.06	0.44	124	60	19
NCR-514	22.7	24	16	11	15	9	9000	76	13	74.5	7.4	1	1.0	< 0.5	0.3	< 0.005	0.009	0.2	0.96	0.36	63.1	62	12
NCR-515	43.8	60	11	13	13	< 5	5000	126	11	19.4	3.9	3	0.5	< 0.5	0.3	< 0.005	0.010	0.1	1.34	0.57	32.1	48	11
NCR-516	25.6	28	14	15	9	< 5	7000	92	12	26.9	8.5	2	0.6	< 0.5	0.3	< 0.005	< 0.005	0.1	2.14	0.68	45.8	40	18
NCR-519	8.2	307	2	< 5	16	15	14000	405	53	40.0	8.1	16	2.0	< 0.5	0.4	0.014	0.040	0.2	4.39	1.13	87.5	86	340
NCR-520	54.5	31	8	9	9	9	7000	166	19	9.5	2.6	3	0.2	< 0.5	0.1	< 0.005	0.013	< 0.1	3.83	1.29	44.1	51	43
NCR-522	7.9	170	4	< 5	17	5	6000	93	28	32.8	20.4	7	0.5	< 0.5	0.4	0.008	0.007	< 0.1	14.5	1.24	21.1	31	40
NCR-523	12.1	104	3	11	15	< 5	5000	92	11	10.3	4.3	1	0.3	< 0.5	0.1	0.008	0.013	< 0.1	4.93	1.15	23.8	32	16
NCR-525	5.0	139	2	6	22	< 5	5000	159	20	24.4	19.2	2	0.4	< 0.5	0.2	0.010	0.010	< 0.1	5.79	1.17	18.7	19	22
NCR-527	35.5	84	6	27	19	5	8000	130	11	20.6	5.4	3	0.5	< 0.5	0.1	< 0.005	0.006	< 0.1	1.92	0.65	76.8	57	16
NCR-529	42.8	113	4	44	21	6	7000	148	20	19.8	5.3	2	0.6	< 0.5	0.2	< 0.005	0.012	0.2	6.60	1.28	160	36	33
NCR-601	3.4	246	2	9	35	10	11000	55	7	66.7	12.1	3	2.4	< 0.5	0.9	< 0.005	0.012	0.3	0.52	0.32	46.6	14	27
NCR-602	34.8	22	8	8	15	7	8000	46	6	21.6	4.2	< 1	0.6	< 0.5	0.2	< 0.005	0.008	0.2	0.85	0.60	49.4	66	21
NCR-603	20.8	69	10	13	23	7	10000	47	8	25.3	6.5	3	0.4	< 0.5	0.1	< 0.005	0.006	< 0.1	1.65	0.52	87.2	49	22
NCR-605	7.6	413	2	14	17	18	16000	358	48	101	11.4	29	5.3	< 0.5	0.8	0.056	0.045	0.3	2.31	0.96	10.8	52	262
NCR-608	10.0	85	12	6	23	17	19000	165	11	55.6	43.4	1	1.3	< 0.5	0.3	< 0.005	< 0.005	0.2	1.62	0.58	36.6	38	23
NCR-609	16.5	88	16	9	19	5	7000	115	20	17.1	22.0	2	0.4	< 0.5	0.2	< 0.005	0.006	0.2	3.69	1.23	47.7	68	24
NCR-613	13.1	99	9	14	20	10	11000	93	17	28.3	7.7	3	1.4	< 0.5	0.3	0.008	0.016	0.2	4.55	1.55	45.4	40	42
NCR-616	14.7	187	9	9	24	11	10000	103	22	46.0	11.1	5	0.8	< 0.5	0.2	< 0.005	0.007	0.1	4.14	1.42	43.6	27	28
NCR-620	73.3	33	7	10	13	8	8000	163	31	5.7	4.8	5	0.2	< 0.5	0.3	< 0.005	0.018	0.2	2.43	1.23	67.7	182	38
NCR-626	8.1	34	6	8	13	5	3000	47	8	41.2	16.3	2	1.3	< 0.5	0.2	< 0.005	0.009	< 0.1	1.15	0.67	28.7	38	23
NCR-636	14.2	205	7	7	58	6	9000	83	14	25.0	7.9	2	0.8	< 0.5	0.3	< 0.005	0.006	< 0.1	30.0	1.42	21.0	19	17
NCR-640	72.8	11	7	< 5	6	6	6000	108	10	3.4	6.1	1	< 0.1	< 0.5	< 0.1	< 0.005	< 0.005	0.1	1.85	0.98	47.6	64	51
NCR-645	19.3	82	10	17	13	7	8000	80	14	32.1	7.2	3	0.8	< 0.5	0.2	< 0.005	0.010	< 0.1	1.78	1.24	47.7	61	20
NCR-646	26.5	98	9	26	20	6	6000	99	15	25.7	6.8	3	0.4	< 0.5	0.1	0.006	0.017	0.1	4.79	0.68	123	56	27

Analyte Symbol	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi	Ti	Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5	10	3	0.05	0.1	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-503	41	4.3	1.6	< 0.05	< 0.1	1.2	0.02	0.4	0.079	< 0.5	1260	33	1.63	5.3	3.2	0.18	0.12	3.20	6.33	0.75	2.92	0.46	0.14
NCR-506	35	4.5	1.7	< 0.05	< 0.1	1.3	< 0.01	0.4	0.296	< 0.5	750	27	2.89	6.8	1.0	0.28	0.05	6.98	12.7	1.47	5.08	1.11	0.38
NCR-508	30	2.9	1.4	0.09	< 0.1	1.4	< 0.01	0.5	0.236	< 0.5	820	24	2.72	6.9	1.1	0.30	0.06	5.10	10.0	1.10	4.18	0.82	0.26
NCR-509	67	1.8	1.4	0.07	< 0.1	2.0	0.02	< 0.2	0.197	< 0.5	630	25	2.29	5.2	0.9	0.20	0.05	5.29	11.7	1.12	3.83	0.63	0.27
NCR-510	26	4.0	1.1	0.17	< 0.1	1.3	0.01	0.2	0.152	< 0.5	380	26	1.58	5.8	0.6	0.18	0.02	1.94	3.74	0.46	1.72	0.47	0.22
NCR-511	11	0.8	0.4	< 0.05	< 0.1	0.6	< 0.01	0.3	0.181	< 0.5	250	15	1.91	6.6	0.3	0.19	< 0.02	3.29	6.63	0.67	2.79	0.45	0.15
NCR-512	286	3.8	1.8	0.08	< 0.1	3.5	0.01	0.3	0.201	< 0.5	480	26	1.76	4.7	0.8	0.16	0.03	1.68	3.40	0.41	1.84	0.42	0.16
NCR-514	50	2.3	2.2	0.07	< 0.1	1.2	< 0.01	0.3	0.171	< 0.5	1000	30	1.46	4.8	1.4	0.19	0.04	1.63	3.29	0.40	1.58	0.33	0.14
NCR-515	22	2.2	2.9	< 0.05	< 0.1	2.3	< 0.01	0.4	0.160	< 0.5	720	15	1.38	4.2	0.8	0.14	0.05	3.28	5.81	0.66	2.05	0.44	0.17
NCR-516	57	3.4	2.5	< 0.05	< 0.1	1.6	0.01	0.3	0.120	< 0.5	900	20	2.03	5.6	1.5	0.23	0.08	4.90	9.59	1.07	3.88	0.70	0.22
NCR-519	< 5	0.3	< 0.3	< 0.05	0.1	0.2	< 0.01	0.2	0.409	< 0.5	100	19	26.4	18.7	0.3	0.47	< 0.02	44.6	37.6	9.78	37.6	6.30	1.26
NCR-520	44	3.0	0.8	0.23	< 0.1	1.4	< 0.01	0.3	0.449	< 0.5	420	20	14.5	11.0	0.6	0.41	0.03	18.7	38.6	4.28	17.5	3.31	0.95
NCR-522	46	1.3	< 0.3	< 0.05	< 0.1	0.4	0.02	0.3	0.296	< 0.5	240	25	10.3	28.9	1.0	0.87	0.06	32.9	64.4	8.27	30.9	4.85	0.91
NCR-523	10	0.6	< 0.3	0.09	< 0.1	0.6	< 0.01	0.3	0.205	< 0.5	160	13	6.59	11.4	0.5	0.42	0.03	15.3	30.6	3.72	13.4	2.17	0.49
NCR-525	< 5	0.5	< 0.3	< 0.05	< 0.1	0.4	0.01	1.4	0.268	< 0.5	210	10	9.70	16.7	0.8	0.42	0.04	25.8	45.8	5.80	20.9	3.36	0.62
NCR-527	7	1.2	0.9	< 0.05	< 0.1	1.4	< 0.01	0.3	0.097	< 0.5	250	13	2.45	4.6	0.5	0.13	0.02	7.78	13.1	1.49	4.95	0.85	0.23
NCR-529	19	1.6	0.8	< 0.05	< 0.1	1.4	< 0.01	0.3	0.193	< 0.5	450	19	5.25	12.9	0.7	0.54	0.03	11.6	25.8	2.40	8.93	1.83	0.40
NCR-601	18	0.6	0.7	0.11	< 0.1	1.4	< 0.01	0.6	0.048	< 0.5	950	14	0.35	2.2	0.8	0.07	0.03	0.68	1.19	0.13	0.48	0.13	0.02
NCR-602	47	2.6	2.1	0.07	< 0.1	1.4	< 0.01	0.5	0.485	< 0.5	1070	7	2.58	2.1	0.9	0.06	0.04	4.95	8.58	0.86	3.31	0.61	0.19
NCR-603	64	3.1	1.3	< 0.05	< 0.1	1.1	< 0.01	0.5	0.080	< 0.5	600	22	1.69	5.3	0.6	0.17	0.03	2.18	3.90	0.45	2.04	0.49	0.15
NCR-605	< 5	0.9	< 0.3	< 0.05	0.2	0.2	< 0.01	0.3	0.186	< 0.5	80	25	10.3	12.6	0.3	0.29	0.03	14.0	18.8	3.25	13.1	2.46	0.55
NCR-608	62	2.4	1.0	0.27	< 0.1	2.0	< 0.01	0.4	0.115	< 0.5	1160	36	1.56	5.4	1.8	0.18	0.07	2.97	6.82	0.77	3.14	0.54	0.17
NCR-609	11	8.8	1.0	0.07	< 0.1	1.8	0.01	0.3	0.049	< 0.5	720	46	3.00	10.8	1.8	0.36	0.09	5.66	12.3	1.34	5.09	1.00	0.28
NCR-613	45	3.3	1.2	< 0.05	< 0.1	3.5	0.01	0.6	0.226	< 0.5	900	24	3.00	15.5	2.5	0.56	0.09	6.39	16.3	1.68	6.22	1.02	0.35
NCR-616	< 5	1.5	0.8	< 0.05	< 0.1	1.2	0.02	0.4	0.244	< 0.5	910	38	3.74	10.8	0.7	0.37	0.03	6.95	17.0	2.15	8.12	1.61	0.34
NCR-620	39	0.8	0.4	0.08	< 0.1	1.8	< 0.01	0.3	0.339	< 0.5	210	23	3.88	6.0	0.2	0.26	< 0.02	6.56	12.7	1.32	4.81	0.94	0.35
NCR-626	128	3.2	1.1	0.16	< 0.1	1.6	< 0.01	0.6	0.106	< 0.5	1030	23	1.02	3.1	2.5	0.11	0.09	2.17	4.81	0.56	1.78	0.49	0.14
NCR-636	< 5	2.3	< 0.3	< 0.05	< 0.1	0.2	< 0.01	0.3	0.362	< 0.5	620	35	25.0	56.0	1.7	1.54	0.10	52.6	145	15.1	59.2	10.5	2.05
NCR-640	16	4.0	0.4	< 0.05	< 0.1	2.4	0.01	0.3	0.324	< 0.5	180	29	3.28	7.0	0.2	0.25	< 0.02	3.76	7.58	0.88	3.49	0.76	0.28
NCR-645	44	1.3	1.6	< 0.05	< 0.1	1.6	< 0.01	0.3	0.264	< 0.5	760	22	3.62	5.7	1.3	0.20	0.07	5.81	13.0	1.49	6.28	1.24	0.34
NCR-646	35	3.0	1.3	0.08	< 0.1	1.0	0.01	0.3	0.159	< 0.5	600	22	2.74	11.0	0.9	0.39	0.04	5.49	11.0	1.23	4.92	0.80	0.30

Analyte Symbol	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be	Sc	Mn	Rb	Cs	Ba	Ru	Pd	Pt	Sb	Sr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10	0.4	0.1	0.01	0.5	0.5	0.5	0.5	0.01	0.1
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
NCR-503	0.60	0.06	0.47	0.08	0.20	0.03	0.14	0.02	27.6	1.1	< 10	352	16.2	0.05	246	< 0.5	< 0.5	< 0.5	0.12	56.2
NCR-506	0.94	0.11	0.49	0.12	0.35	0.05	0.28	0.04	37.1	3.2	< 10	431	87.0	0.29	1060	< 0.5	< 0.5	< 0.5	0.38	105
NCR-508	0.89	0.10	0.58	0.12	0.32	0.05	0.25	0.03	32.6	3.1	< 10	2100	108	0.24	1080	< 0.5	< 0.5	< 0.5	0.21	121
NCR-509	0.72	0.09	0.47	0.07	0.24	0.04	0.24	0.07	13.9	2.4	< 10	2270	58.9	0.16	616	< 0.5	< 0.5	< 0.5	0.22	82.5
NCR-510	0.48	0.06	0.32	0.08	0.18	0.02	0.16	0.03	26.4	2.2	< 10	2090	125	0.21	1090	< 0.5	< 0.5	< 0.5	0.13	90.4
NCR-511	0.55	0.06	0.39	0.09	0.20	0.03	0.21	0.03	9.0	1.7	< 10	3890	95.6	0.52	469	< 0.5	< 0.5	< 0.5	0.22	146
NCR-512	0.48	0.07	0.36	0.07	0.17	0.03	0.17	0.02	30.2	2.4	< 10	5640	82.2	0.12	586	< 0.5	< 0.5	< 0.5	0.27	83.2
NCR-514	0.40	0.05	0.31	0.05	0.14	0.03	0.19	0.02	14.2	1.9	< 10	7720	111	0.06	528	< 0.5	< 0.5	< 0.5	0.37	110
NCR-515	0.49	0.06	0.32	0.07	0.16	0.02	0.13	0.02	7.2	3.0	< 10	3920	70.2	0.11	519	< 0.5	< 0.5	< 0.5	0.23	119
NCR-516	0.69	0.09	0.43	0.08	0.22	0.03	0.22	0.03	25.0	2.3	< 10	2070	52.1	0.09	483	< 0.5	< 0.5	< 0.5	0.11	72.1
NCR-519	5.92	0.73	4.09	0.76	2.47	0.37	3.35	0.73	3.4	0.7	10	3330	23.6	0.28	135	< 0.5	< 0.5	< 0.5	2.55	91.4
NCR-520	3.55	0.46	2.60	0.52	1.51	0.22	1.47	0.21	12.5	6.8	< 10	414	50.8	0.55	1690	< 0.5	< 0.5	< 0.5	0.13	106
NCR-522	4.54	0.50	2.08	0.42	1.20	0.20	1.37	0.24	11.0	1.0	< 10	1840	47.0	0.32	589	< 0.5	< 0.5	< 0.5	0.27	88.5
NCR-523	2.08	0.22	1.12	0.26	0.66	0.10	0.75	0.14	7.4	1.7	< 10	1850	59.2	0.19	768	< 0.5	< 0.5	< 0.5	0.18	86.7
NCR-525	3.18	0.36	1.79	0.34	0.98	0.15	0.96	0.16	7.4	0.7	< 10	1600	29.3	0.21	498	< 0.5	< 0.5	< 0.5	0.24	71.9
NCR-527	0.65	0.09	0.44	0.08	0.25	0.03	0.22	0.02	8.1	2.1	< 10	5370	104	0.13	560	< 0.5	< 0.5	< 0.5	0.24	190
NCR-529	1.92	0.24	1.27	0.23	0.66	0.08	0.56	0.08	2.9	2.8	< 10	5350	131	0.12	413	< 0.5	< 0.5	< 0.5	0.16	139
NCR-601	0.13	0.01	0.10	0.02	0.05	< 0.01	0.03	0.02	2.6	< 0.1	< 10	959	8.7	0.01	104	< 0.5	< 0.5	< 0.5	0.65	80.6
NCR-602	0.74	0.10	0.53	0.10	0.30	0.03	0.28	0.03	8.6	4.2	< 10	304	86.4	0.31	367	< 0.5	< 0.5	< 0.5	0.26	74.7
NCR-603	0.47	0.05	0.34	0.06	0.23	0.02	0.20	0.03	18.8	1.9	< 10	1760	28.2	0.03	455	< 0.5	< 0.5	< 0.5	0.17	80.2
NCR-605	2.40	0.28	1.63	0.34	1.12	0.18	1.36	0.30	7.1	0.4	< 10	497	38.1	0.32	194	< 0.5	< 0.5	< 0.5	2.54	85.3
NCR-608	0.50	0.07	0.42	0.06	0.17	0.03	0.18	0.03	37.6	1.1	< 10	692	21.5	0.10	292	< 0.5	< 0.5	< 0.5	0.29	53.4
NCR-609	0.96	0.12	0.75	0.12	0.38	0.04	0.28	0.05	36.6	2.2	< 10	1060	29.6	0.02	590	< 0.5	< 0.5	< 0.5	0.16	102
NCR-613	1.27	0.13	0.64	0.13	0.33	0.04	0.32	0.04	32.7	2.6	< 10	1500	54.1	0.17	613	< 0.5	< 0.5	< 0.5	0.22	71.9
NCR-616	1.41	0.17	0.93	0.17	0.47	0.08	0.65	0.10	13.4	1.1	< 10	562	28.2	0.43	256	< 0.5	< 0.5	< 0.5	0.36	68.1
NCR-620	1.13	0.13	0.88	0.17	0.45	0.07	0.43	0.06	23.7	4.5	< 10	632	71.2	0.72	874	< 0.5	< 0.5	< 0.5	0.22	125
NCR-626	0.40	0.05	0.21	0.04	0.10	0.02	0.11	0.01	18.1	1.3	< 10	532	9.6	0.06	323	< 0.5	< 0.5	< 0.5	0.04	54.1
NCR-636	10.8	1.16	5.73	1.10	2.91	0.39	2.61	0.41	2.6	2.3	< 10	2360	66.7	0.22	642	< 0.5	< 0.5	< 0.5	0.14	85.3
NCR-640	0.82	0.12	0.67	0.12	0.37	0.05	0.32	0.06	21.1	3.5	< 10	166	17.9	0.50	1140	< 0.5	< 0.5	< 0.5	0.11	29.7
NCR-645	1.19	0.15	0.82	0.15	0.39	0.06	0.47	0.08	49.8	1.6	< 10	1360	84.2	0.23	738	< 0.5	< 0.5	< 0.5	0.30	117
NCR-646	0.85	0.12	0.58	0.10	0.34	0.05	0.32	0.04	23.5	2.0	< 10	9900	104	0.19	832	< 0.5	< 0.5	< 0.5	0.15	163

Analyte Symbol	Al	Ca	Fe	K	Mg	Na	Cl	Br	I	V	As	Se	Mo	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.5	5	1	5	2	5	1000	1	1	0.1	0.1	1	0.1	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-2 Meas			5					1160		57.1	12.7		18.2		2.6		0.013	0.1	8.47	12.5	35.2	24	221
TILL-2 Cert			38400.00					12200.0		77000	26000		14000		5000		2	70.0	18400.0	5700.0	15000	32000	150000
TILL-2 Meas			5					1150		59.2	13.0		19.4		2.7		0.010	< 0.1	8.66	12.3	37.5	27	240
TILL-2 Cert			38400.00					12200.0		77000	26000		14000		5000		2	70.0	18400.0	5700.0	15000	32000	150000
NCR-516 Orig	25.0	28	14	15	10	< 5	6000	82	12	25.9	7.6	3	0.6	< 0.5	0.4	0.006	< 0.005	0.1	2.20	0.66	46.1	41	19
NCR-516 Dup	26.3	27	14	15	9	5	9000	102	12	27.8	9.3	1	0.6	< 0.5	0.3	< 0.005	< 0.005	0.2	2.09	0.69	45.5	40	18
NCR-605 Orig	7.1	393	1	13	16	18	17000	364	45	83.5	10.5	26	4.9	< 0.5	0.8	0.045	0.041	0.2	2.12	0.92	11.1	49	241
NCR-605 Dup	8.2	434	2	14	18	18	16000	352	52	119	12.4	31	5.7	< 0.5	0.9	0.067	0.050	0.3	2.50	1.01	10.4	55	283
NCR-636 Orig	14.2	205	7	7	58	6	9000	83	14	25.0	7.9	2	0.8	< 0.5	0.3	< 0.005	0.006	< 0.1	30.0	1.42	21.0	19	17
Method Blank	< 0.5	< 5	< 1	< 5	< 2	< 5	3000	< 1	< 1	< 0.1	< 0.1	< 1	0.4	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	0.02	< 0.01	< 0.2	2	1
Method Blank																							

Analyte Symbol	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi	Ti	Cr	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5	10	3	0.05	0.1	0.1	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-2 Meas	103	6.4									760	16	46.9	44.4	2.4	1.44	0.08	39.6	85.0		47.8	10.4	2.54
TILL-2 Cert	130000	31000									5300000	74000	40000	390000	20000	11000	1900.0	44000	98000		36000	7400.0	1000.0
TILL-2 Meas	155	6.7									770	17	47.1	46.2	2.6	1.68	0.08	39.9	88.2		47.8	10.9	2.59
TILL-2 Cert	130000	31000									5300000	74000	40000	390000	20000	11000	1900.0	44000	98000		36000	7400.0	1000.0
NCR-516 Orig	62	3.2	2.3	< 0.05	< 0.1	1.6	0.02	0.2	0.132	< 0.5	870	20	2.00	5.6	1.4	0.23	0.08	4.97	9.62	1.07	4.02	0.70	0.20
NCR-516 Dup	52	3.5	2.8	< 0.05	< 0.1	1.6	0.01	0.4	0.108	< 0.5	940	20	2.06	5.7	1.5	0.22	0.08	4.83	9.56	1.06	3.75	0.70	0.23
NCR-605 Orig	< 5	1.6	0.4	< 0.05	0.2	0.2	< 0.01	0.3	0.195	< 0.5	80	23	9.29	11.2	0.3	0.27	0.03	12.4	16.9	2.91	11.8	2.24	0.53
NCR-605 Dup	< 5	0.2	< 0.3	0.31	0.2	0.2	< 0.01	0.3	0.177	< 0.5	80	27	11.3	13.9	0.3	0.32	0.02	15.5	20.6	3.59	14.4	2.68	0.56
NCR-636 Orig	< 5	2.3	< 0.3	< 0.05	< 0.1	0.2	< 0.01	0.3	0.362	< 0.5	620	35	25.0	56.0	1.7	1.54	0.10	52.6	145	15.1	59.2	10.5	2.05
Method Blank	< 5	0.9	< 0.3	< 0.05	< 0.1	< 0.1	< 0.01	0.5	< 0.005	< 0.5	< 10	< 3	< 0.05	0.5	< 0.1	< 0.01	< 0.02	< 0.01	0.07	< 0.01	< 0.01	< 0.01	< 0.01
Method Blank																							

Analyte Symbol	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be	Sc	Mn	Rb	Cs	Ba	Ru	Pd	Pt	Sb	Sr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10	0.4	0.1	0.01	0.5	0.5	0.5	0.5	0.01	0.1
Method Code	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-2 Meas		1.58			4.87		4.52	0.67	13.9	6.3	20	10800	182	2.21	1890				0.99	383
TILL-2 Cert		1200.0			3700.0		3700.0	600.0	47000	4000.0	12000	780000	143000	12000	540000				800.0	144000
TILL-2 Meas		1.61			4.89		4.55	0.71	14.4	6.2	20	11000	187	2.37	1990					
TILL-2 Cert		1200.0			3700.0		3700.0	600.0	47000	4000.0	12000	780000	143000	12000	540000					
NCR-516 Orig	0.73	0.09	0.43	0.08	0.21	0.04	0.19	0.02	25.6	2.2	< 10	2110	51.4	0.06	478	< 0.5	< 0.5	< 0.5	0.14	67.1
NCR-516 Dup	0.64	0.09	0.44	0.08	0.24	0.03	0.25	0.04	24.4	2.4	< 10	2030	52.7	0.12	487	< 0.5	< 0.5	< 0.5	0.07	77.1
NCR-605 Orig	2.17	0.26	1.52	0.31	1.00	0.16	1.23	0.26	7.1	0.4	< 10	576	36.6	0.30	185	< 0.5	< 0.5	< 0.5	2.42	86.3
NCR-605 Dup	2.63	0.30	1.75	0.37	1.24	0.21	1.49	0.33	7.1	0.5	< 10	418	39.5	0.33	202	< 0.5	< 0.5	< 0.5	2.67	84.3
NCR-636 Orig	10.8	1.16	5.73	1.10	2.91	0.39	2.61	0.41	2.6	2.3	< 10	2360	66.7	0.22	642	< 0.5	< 0.5	< 0.5	0.14	85.3
Method Blank	0.02	< 0.01	0.09	< 0.01	0.02	< 0.01	< 0.01	< 0.01	< 0.5	< 0.1	< 10	< 0.4	0.1	< 0.01	1.5	< 0.5	< 0.5	< 0.5		
Method Blank																			< 0.01	0.3

APPENDIX FOUR:
2022 ROCK SAMPLE
CERTIFICATE OF ANALYSIS

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-09113**
Report Date: **01-Sep-22**
Date Submitted: **30-Jun-22**
Your Reference: **MARKOP-NCR-ARSENO LAKE**

Romios Gold Resources Inc.
500 2 Toronto Street
Toronto Ontario M5C 2B6
Canada

ATTN: John Biczok

CERTIFICATE OF ANALYSIS

40 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2022-07-20 12:04:22
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2022-08-04 14:02:45

REPORT **A22-09113**

Notes:

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

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

We recommend using option 4B1 for accurate levels of the base metals Cu, Pb, Zn, Ni and Ag. Option 4B-INAA for As, Sb, high W >100ppm, Cr >1000ppm and Sn >50ppm by Code 5D. Values for these elements provided by Fusion ICP/MS, are order of magnitude only and are provided for general information. Mineralized samples should have the Quant option selected or request assays for values which exceed the range of option 4B1. Total includes all elements in % oxide to the left of total.

SCC Accredited LAB Accrédité CCN TM

LabID: 673

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1121525	< 5	< 0.2	< 0.5	25	256	2	10	17	102	1.28	< 2	19	338	< 0.5	< 2	1.06	10	14	3.20	< 10	< 1	0.90	176
1121526	15	< 0.2	< 0.5	169	142	2	18	< 2	10	0.42	< 2	32	10	< 0.5	< 2	0.54	4	39	0.93	< 10	< 1	0.05	< 10
1121527	12	0.5	< 0.5	447	327	3	119	< 2	29	1.17	< 2	38	27	< 0.5	< 2	0.96	27	65	2.47	< 10	< 1	0.12	< 10
1121528	< 5	< 0.2	< 0.5	24	101	3	14	< 2	6	0.39	< 2	52	< 10	< 0.5	< 2	0.41	2	29	0.72	< 10	< 1	0.02	< 10
1121529	< 5	< 0.2	< 0.5	3	100	1	2	< 2	8	0.12	< 2	21	< 10	< 0.5	< 2	0.17	2	15	0.68	< 10	< 1	< 0.01	< 10
1121530	650	1.3	< 0.5	5330	428	353	37	7	68	2.28	92	17	31	0.7	< 2	1.43	17	69	4.76	< 10	< 1	0.95	26
1121531	< 5	< 0.2	< 0.5	4	185	2	3	< 2	10	0.38	< 2	15	11	0.7	< 2	0.02	2	15	0.60	< 10	< 1	0.18	< 10
1121532	< 5	< 0.2	< 0.5	18	300	2	45	3	33	1.58	< 2	19	44	< 0.5	< 2	1.03	18	129	2.96	< 10	< 1	0.45	15
1121533	< 5	< 0.2	< 0.5	9	282	2	35	3	30	0.77	< 2	18	15	< 0.5	< 2	0.04	7	47	1.56	< 10	< 1	0.11	< 10
1121534	< 5	< 0.2	< 0.5	36	352	2	16	< 2	17	0.83	< 2	20	24	< 0.5	< 2	1.18	9	28	1.88	< 10	< 1	0.05	< 10
1121535	< 5	< 0.2	< 0.5	2	174	2	30	< 2	11	0.38	< 2	19	75	< 0.5	< 2	0.48	6	32	0.95	< 10	< 1	0.01	< 10
1121536	< 5	< 0.2	< 0.5	34	50	2	2	< 2	4	0.03	< 2	20	< 10	< 0.5	< 2	< 0.01	< 1	26	0.44	< 10	< 1	< 0.01	< 10
1121537	< 5	< 0.2	< 0.5	9	992	< 1	984	< 2	28	1.47	105	25	< 10	< 0.5	< 2	2.30	55	1720	5.08	< 10	< 1	< 0.01	< 10
1121538	< 5	< 0.2	< 0.5	< 1	520	< 1	8	< 2	9	0.36	< 2	27	10	< 0.5	< 2	1.51	6	16	1.44	< 10	< 1	0.03	< 10
1121539	< 5	< 0.2	< 0.5	129	712	< 1	7	< 2	48	1.96	< 2	13	84	< 0.5	< 2	2.08	38	5	6.88	10	< 1	0.27	< 10
1121540	< 5	< 0.2	< 0.5	25	255	3	10	15	107	1.25	3	14	342	< 0.5	< 2	1.04	10	15	3.11	< 10	< 1	0.89	171
1121541	46	< 0.2	< 0.5	65	553	< 1	1500	2	18	2.46	785	10	37	< 0.5	2	2.50	53	811	7.88	< 10	< 1	0.29	< 10
1121542	< 5	< 0.2	< 0.5	112	1030	< 1	303	< 2	26	1.89	< 2	12	72	< 0.5	< 2	1.07	40	1050	6.30	< 10	< 1	0.64	< 10
1121543	< 5	< 0.2	< 0.5	12	132	2	15	< 2	10	0.35	4	18	17	< 0.5	< 2	0.09	4	32	0.93	< 10	< 1	0.06	< 10
1121544	< 5	< 0.2	< 0.5	532	941	< 1	193	< 2	19	1.99	< 2	12	13	< 0.5	< 2	3.15	56	622	7.57	< 10	2	0.07	< 10
1121545	11	< 0.2	< 0.5	9	161	1	9	< 2	4	0.18	3	18	< 10	< 0.5	< 2	0.34	3	27	0.76	< 10	< 1	< 0.01	< 10
1121546	15	< 0.2	< 0.5	148	334	1	11	< 2	15	0.96	< 2	16	< 10	< 0.5	< 2	1.26	4	37	1.21	< 10	< 1	< 0.01	< 10
1121547	634	1.4	< 0.5	5320	434	349	34	6	66	2.25	86	17	38	0.7	< 2	1.41	17	68	4.64	< 10	< 1	0.92	26
1121951-A	< 5	< 0.2	< 0.5	24	255	3	11	19	102	1.24	< 2	15	319	< 0.5	< 2	1.00	11	16	3.23	< 10	< 1	0.88	191
1121951-B	< 5	< 0.2	< 0.5	32	418	2	55	3	21	2.11	< 2	15	29	< 0.5	< 2	0.21	15	139	3.25	< 10	< 1	0.13	21
1121957	33	< 0.2	< 0.5	106	568	2	142	4	60	3.27	2	17	136	1.5	2	2.70	15	219	2.61	10	< 1	0.85	23
1121958	< 5	0.3	< 0.5	539	763	< 1	69	5	74	2.62	13	15	< 10	< 0.5	< 2	2.05	23	175	4.91	< 10	< 1	0.01	< 10
1121959	< 5	< 0.2	< 0.5	6	65	2	4	< 2	4	0.12	< 2	18	< 10	< 0.5	< 2	0.12	< 1	24	0.52	< 10	< 1	< 0.01	< 10
1121960	632	1.3	< 0.5	5280	419	344	34	7	67	2.22	84	18	35	0.7	< 2	1.39	16	66	4.61	< 10	< 1	0.92	26
1121961	< 5	< 0.2	< 0.5	8	67	2	5	< 2	4	0.11	< 2	18	< 10	< 0.5	< 2	0.11	< 1	26	0.48	< 10	< 1	< 0.01	< 10
1121962	28	< 0.2	< 0.5	9	485	< 1	317	3	7	1.78	961	19	16	< 0.5	< 2	2.26	57	503	1.65	< 10	2	0.09	< 10
1121963	32	0.6	4.4	524	365	2	87	9	1220	0.67	39	17	33	< 0.5	2	1.72	19	144	5.59	< 10	< 1	0.10	< 10
1121953	< 5	< 0.2	< 0.5	27	388	2	141	3	18	2.88	< 2	14	167	0.8	< 2	0.12	17	181	3.29	10	< 1	0.94	18
1121954	< 5	< 0.2	< 0.5	4	333	2	168	< 2	53	2.49	< 2	14	128	< 0.5	< 2	0.13	24	136	3.08	10	< 1	1.34	33
1121955	< 5	< 0.2	< 0.5	18	327	2	129	3	11	2.44	< 2	14	193	< 0.5	< 2	0.17	15	153	2.89	< 10	< 1	1.10	19
1121956	< 5	< 0.2	< 0.5	2	316	2	167	2	29	2.96	< 2	15	233	0.8	< 2	0.14	27	165	3.47	10	< 1	1.37	25
1121952	< 5	< 0.2	< 0.5	15	339	2	131	3	10	1.84	3	17	35	< 0.5	< 2	0.28	19	177	2.38	< 10	< 1	0.20	22
A0935858	< 5	< 0.2	< 0.5	5	405	< 1	53	2	27	1.29	< 2	23	43	< 0.5	< 2	1.39	10	71	1.82	< 10	< 1	0.19	< 10
A0935859	< 5	< 0.2	< 0.5	82	192	1	41	< 2	17	0.73	< 2	23	< 10	< 0.5	< 2	1.07	8	62	1.43	< 10	< 1	0.04	< 10
A0935860	< 5	< 0.2	< 0.5	4	440	< 1	4	4	26	0.64	< 2	20	32	< 0.5	< 2	0.06	1	4	0.85	< 10	< 1	0.25	26

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.01	0.01	0.01	0.001	0.01	0.01	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
1121525	0.65	0.112	0.149	0.03	< 2	2	29	0.47	30	10	< 2	< 10	53	< 10	12	23	66.42	14.33	4.35	0.034	1.02	2.57	3.24
1121526	0.38	0.057	0.061	0.02	< 2	2	6	0.04	< 20	< 1	< 2	< 10	16	< 10	2	6	87.27	4.83	2.09	0.035	1.27	2.05	1.08
1121527	1.32	0.076	0.038	0.17	< 2	5	14	0.10	< 20	2	< 2	< 10	42	< 10	4	10	58.25	14.05	7.93	0.118	6.47	5.34	1.54
1121528	0.20	0.061	0.048	0.01	< 2	1	14	0.02	< 20	< 1	< 2	< 10	7	< 10	2	10	85.03	6.52	2.44	0.025	1.86	1.14	0.56
1121529	0.11	0.022	0.009	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	10	< 10	< 1	< 1	97.74	0.62	1.15	0.016	0.31	0.37	0.13
1121530	1.22	0.250	0.110	0.74	2	8	106	0.30	< 20	9	< 2	< 10	107	< 10	18	16	61.42	14.38	7.07	0.070	2.43	3.70	2.74
1121531	0.03	0.048	0.003	0.15	< 2	< 1	4	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	2	82.08	10.19	1.33	0.046	0.16	0.10	2.41
1121532	1.13	0.145	0.067	1.01	< 2	5	30	0.12	< 20	3	< 2	< 10	46	< 10	6	12	63.39	14.06	5.55	0.101	3.89	5.74	2.80
1121533	0.48	0.015	0.014	< 0.01	< 2	< 1	3	0.03	< 20	< 1	< 2	< 10	10	< 10	2	13	90.33	3.80	2.12	0.032	0.73	0.06	0.14
1121534	0.43	0.077	0.012	0.02	2	6	10	0.10	< 20	< 1	< 2	< 10	44	< 10	4	2	80.81	6.38	4.17	0.066	1.22	3.11	1.30
1121535	0.66	0.035	0.007	< 0.01	< 2	1	12	< 0.01	< 20	1	< 2	< 10	10	< 10	1	< 1	82.21	3.09	3.72	0.083	4.39	3.11	1.06
1121536	0.02	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	< 1	99.01	0.44	0.57	0.010	0.11	0.04	0.09
1121537	9.15	0.004	0.005	0.02	13	13	8	0.01	< 20	< 1	< 2	< 10	52	< 10	2	1	38.51	3.68	9.80	0.171	29.81	3.86	< 0.01
1121538	0.27	0.067	0.005	< 0.01	< 2	3	8	0.04	< 20	< 1	< 2	< 10	32	< 10	2	1	83.41	4.90	3.52	0.080	0.96	2.58	1.28
1121539	0.74	0.249	0.063	0.54	4	26	5	0.21	< 20	3	< 2	< 10	149	< 10	21	10	51.95	12.34	20.46	0.282	2.79	6.02	3.16
1121540	0.64	0.103	0.147	0.03	< 2	2	26	0.49	30	10	< 2	< 10	51	< 10	13	23	65.73	14.47	4.45	0.034	1.04	2.55	3.23
1121541	0.83	0.215	0.010	0.46	159	13	4	0.07	< 20	< 1	< 2	< 10	63	< 10	6	15	47.85	10.16	26.55	0.234	3.89	7.24	0.73
1121542	1.12	0.095	0.012	0.61	8	20	5	0.08	< 20	2	< 2	< 10	82	< 10	6	10	57.65	6.05	21.47	0.932	6.73	3.29	0.32
1121543	0.20	0.019	0.012	0.02	< 2	1	3	0.03	< 20	< 1	< 2	< 10	11	< 10	< 1	5	96.04	1.30	1.74	0.024	0.29	0.20	0.15
1121544	2.46	0.557	0.014	0.77	7	21	6	0.07	< 20	4	< 2	< 10	91	< 10	5	6	44.53	8.45	21.60	0.293	10.44	10.77	1.88
1121545	0.14	0.013	0.018	< 0.01	< 2	1	1	0.02	< 20	< 1	< 2	< 10	11	< 10	< 1	< 1	96.29	0.65	0.90	0.018	0.19	0.37	0.20
1121546	0.26	0.017	0.013	0.01	< 2	4	38	0.14	< 20	1	< 2	< 10	36	< 10	4	1	84.14	5.81	3.00	0.050	0.73	4.54	0.45
1121547	1.19	0.245	0.109	0.74	3	8	107	0.30	< 20	4	< 2	< 10	107	< 10	18	16	61.27	14.18	6.96	0.070	2.35	3.67	2.70
1121951-A	0.66	0.092	0.146	0.03	< 2	2	25	0.49	30	11	< 2	< 10	52	< 10	14	19	65.85	14.49	4.82	0.037	1.04	2.57	3.31
1121951-B	1.54	0.056	0.054	0.09	2	7	6	0.10	< 20	1	< 2	< 10	60	< 10	6	11	63.92	17.36	4.88	0.070	2.50	3.27	2.88
1121957	1.40	0.145	0.037	0.33	< 2	6	76	0.17	< 20	5	< 2	< 10	44	12	12	13	70.86	11.38	3.80	0.082	2.41	4.42	1.01
1121958	2.11	0.015	0.013	0.05	3	14	11	0.24	< 20	3	< 2	< 10	154	< 10	6	3	69.24	8.41	7.25	0.107	3.61	3.24	1.27
1121959	0.04	0.010	0.003	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	5	< 10	< 1	< 1	96.39	0.53	0.79	0.011	0.14	0.36	0.05
1121960	1.18	0.244	0.107	0.73	2	8	106	0.30	< 20	5	< 2	< 10	104	< 10	18	16	61.05	14.14	7.05	0.070	2.35	3.66	2.68
1121961	0.05	0.022	0.001	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	3	< 10	< 1	< 1	95.85	0.86	1.11	0.018	0.21	0.45	0.19
1121962	0.63	0.031	0.023	0.04	4	3	46	0.11	< 20	4	< 2	< 10	33	< 10	3	5	57.88	10.05	10.17	0.295	6.46	9.32	0.43
1121963	0.37	0.052	0.028	0.30	2	4	8	0.20	< 20	3	< 2	< 10	59	< 10	5	16	54.62	10.66	11.93	0.192	5.01	7.87	2.59
1121953	1.80	0.056	0.036	0.02	< 2	9	12	0.11	< 20	2	< 2	< 10	71	< 10	6	10	57.74	23.27	4.89	0.051	3.12	0.89	1.82
1121954	1.48	0.060	0.055	< 0.01	< 2	7	7	0.19	< 20	2	< 2	< 10	59	< 10	6	13	56.26	26.39	4.83	0.051	2.48	0.70	1.08
1121955	1.61	0.108	0.041	0.02	< 2	11	11	0.15	< 20	1	< 2	< 10	76	< 10	5	12	62.34	20.48	4.44	0.053	2.73	2.64	2.78
1121956	2.03	0.072	0.058	< 0.01	2	12	6	0.21	< 20	4	< 2	< 10	80	< 10	6	16	60.28	22.96	5.18	0.047	3.49	0.77	1.22
1121952	1.23	0.080	0.060	0.04	< 2	10	8	0.10	< 20	< 1	< 2	< 10	72	< 10	7	9	56.45	24.17	4.22	0.080	2.11	4.81	4.14
A0935858	1.18	0.152	0.059	< 0.01	< 2	5	37	0.13	< 20	2	< 2	< 10	40	< 10	5	4	56.23	16.31	7.37	0.171	6.12	8.63	3.05
A0935859	0.86	0.135	0.064	< 0.01	< 2	6	5	0.10	< 20	3	< 2	< 10	43	< 10	5	6	55.55	16.51	7.59	0.114	5.60	7.65	4.09
A0935860	0.26	0.045	0.009	< 0.01	< 2	1	4	0.03	< 20	< 1	< 2	< 10	1	< 10	15	80	78.22	12.31	1.66	0.056	0.54	0.84	2.58

626500 627000 627500 628000 628500 629000 629500 630000 630500 631000 631500 632000

5861500 5861000 5860500 5860000 5859500 5859000 5858500

N W E S

588029 588030 588035 588039 588042 588043 588044 588049 588050 588052 588053 588054 588055

53B14H102 53B14H103 53B14H104 53B14H105 53B14H106 53B14H107 53B14H108 53B14H109 53B14H122 53B14H123 502358 53B14H124 502359 53B14H125 53B14H126 53B14H127 53B14H128 53B14H129 53B14H130 53B14H131 53B14H132 53B14H133 53B14H134 53B14H135 53B14H141 53B14H142 53B14H143 502357 53B14H144 502352 53B14H145 502353 53B14H146 502354 53B14H147 53B14H148 53B14H149 53B14H150 53B14H151 53B14H152 53B14H153 53B14H154 53B14H155 53B14G160 53B14H161 53B14H162 53B14H163 502356 53B14H164 502342 53B14H165 502343 53B14H166 502344 53B14H167 502345 53B14H168 502346 53B14H169 502347 53B14H170 502348 53B14H171 502349 53B14H172 502350 53B14H173 502351 53B14H174 53B14H175 53B14G180 53B14H181 53B14H182 53B14H183 502355 53B14H184 502333 53B14H185 502334 53B14H186 502335 53B14H187 502336 53B14H188 502337 53B14H189 502338 53B14H190 502339 53B14H191 502340 53B14H192 502341 53B14G200 53B14H201 53B14H202 53B14H203 502362 53B14H204 502326 53B14H205 502327 53B14H206 502328 53B14H207 502329 53B14H208 502330 53B14H209 502331 53B14H210 502332 53B14H211 53B14H212 53B14G220 53B14H221 53B14H222 53B14H223 502361 53B14H224 502323 53B14H225 502324 53B14H226 502325 53B14H227 502368 53B14H228 53B14H229 53B14H230 53B14H231 53B14H232 53B14G240 53B14H241 502366 53B14H242 502367 53B14H243 502360 53B14H244 502320 53B14H245 502321 53B14H246 502322 53B14H247 53B14H248 53B14H249 53B14H250 53B14H251 53B14H252 53B14G260 502330 53B14G280 53B14H261 502363 53B14H262 502364 53B14H263 502365 53B14H264 53B14H265 53B14H266 53B14H267 53B14H268 53B14H269 53B14H270 53B14H281 53B14H282 53B14H283 53B14H284 53B14H285 53B14H286 53B14H287 53B14H288 53B14H289 53B14H290

NORTH CARIBOU RIVER

NORTH CARIBOU RIVER FAULT

North Caribou River Fault Zone

Centre Lake

CENTRE LAKE

Power Explorations Trench M

North Caribou River Au

North Caribou River Cu

Randall Lake NE

VLF TREND # 1

VLF TREND # 2

VLF TREND # 3

VLF TREND # 4

VLF TREND # 5

VLF TREND # 6

VLF TREND # 7

VLF TREND # 8

VLF TREND # 9

VLF TREND # 10

0 250 500 750

Meters

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, Community

SYMBOL LEGEND

- Ontario Mineral Showings
- Romios Claims
- Newmont Claims
- Claim Cell Grid
- Faults
- VLF Trends

GOLD IN HUMUS ppb

Au

- 1 - 3
- 4 - 10
- 11 - 17
- 18 - 28
- 29 - 41

GOLD IN SAND ppb

Au

- 0.00 - 0.007
- 0.007 - 0.013
- 0.013 - 0.020
- 0.020 - 0.032
- 0.032 - 0.056

ROMIOS GOLD RESOURCES INC.

MAP ONE:

NORTH CARIBOU RIVER CLAIMS CLAIM MAP & SOIL SAMPLE SITES

UTM NAD 83 Z15 SCALE: 1:7,500 March 2023

626000 626500 627000 627500 628000 628500 629000 629500 630000 630500 631000 631500

5861500 5861000 5860500 5860000 5859500 5859000 5858500

N W E S

502358 502359 502357 502352 502353 502354 502356 502342 502343 502344 502345 502346 502347 502348 502349 502350 502351 502355 502333 502334 502335 502336 502337 502338 502339 502340 502341 502362 502326 502327 502328 502329 502330 502331 502332 502361 502323 502324 502325 502368 502366 502367 502360 502320 502321 502322 502363 502364 502365

NORTH CARIBOU RIVER

CENTER LAKE

RANDALL LAKE

Centre Lake

North Caribou River Fault Zone

NORTH CARIBOU RIVER FAULT

Power Explorations Trench M

North Caribou River Au

North Caribou River Cu

NORTH CARIBOU RIVER FAULT

Randall Lake NE

VLF TREND # 10

VLF TREND # 9

VLF TREND # 8

VLF TREND # 7

VLF TREND # 6

VLF TREND # 5

VLF TREND # 4

VLF TREND # 3

VLF TREND # 2

VLF TREND # 1

See Fig. 7 & 8

See Fig. 9

SYMBOL LEGEND

- Ontario Mineral Showings
- Romios Claims
- VLF Trends
- Faults

MAPPED OUTCROPS

- South Rim Basalt
- Gabbro

ASSEMBLAGES

- AGUTUA ARM VOLCANICS
- EYAPAMIKAMA Fm
- KEEYASK LAKE ASSEMBLAGE
- SOUTH RIM VOLC_mainly basalt
- NORTH CARIBOU BATHOLITH

Scale: 1:7,500

0 250 500 750 1,000 Meters

ROMIOS GOLD RESOURCES INC.

MAP # 2

NORTH CARIBOU RIVER CLAIMS GENERAL GEOLOGY

(after Bartlett et al, 1985)

UTM NAD 83 Z15 March 2023 Dwg by: J. L Biczok

629200 629400 629600 629800 630000 630200 630400 630600 630800 631000 631200

5860800 5860600 5860400 5860200 5860000 5859800

N W E S

NORTH CARIBOU RIVER

NORTH CARIBOU RIVER FAULT

502346 502347 502348 502349 502350 502351

502337 502338 502339 502340 502341

502330 502331 502332

VLF TREND # 10

VLF TREND # 9

VLF TREND # 8

VLF TREND # 7

NCR-501 NCR-503 NCR-504 NCR-505 NCR-506 NCR-507 NCR-508 NCR-509 NCR-510 NCR-511 NCR-512 NCR-513 NCR-514 NCR-515 NCR-516 NCR-517 NCR-518 NCR-519 NCR-109 NCR-110 NCR-111 NCR-112 NCR-113 NCR-101 NCR-102 NCR-103 NCR-104 NCR-105 NCR-106 NCR-107 NCR-108 NCR-611 NCR-627 NCR-013 NCR-612 NCR-626 NCR-625 NCR-012 NCR-011 NCR-614 NCR-010 NCR-624 NCR-009 NCR-623 NCR-008 NCR-622 NCR-007 NCR-006 NCR-621 NCR-005 NCR-004 NCR-620 NCR-003 NCR-002 NCR-001 NCR-610 NCR-609 NCR-608 NCR-020 NCR-021 NCR-607 NCR-014 NCR-015 NCR-606 NCR-016 NCR-613 NCR-604 NCR-605 NCR-022 NCR-603 NCR-017 NCR-615 NCR-616 NCR-617 NCR-618 NCR-619 NCR-018 NCR-602 NCR-023 NCR-019 NCR-601 NCR-527 NCR-528 NCR-529 NCR-526 NCR-525 NCR-524 NCR-523 NCR-646 NCR-644 NCR-645 NCR-642 B NCR-519 NCR-520 NCR-642 A NCR-521 NCR-522 NCR-641 NCR-639 NCR-640 NCR-638 NCR-637 NCR-628 NCR-629 NCR-630 NCR-631 NCR-632 NCR-633 NCR-634 NCR-635 NCR-636 NCR-301 NCR-317 NCR-316 NCR-315 NCR-314 NCR-303 NCR-313 NCR-304 NCR-312 NCR-305 NCR-306 NCR-311 NCR-307 NCR-310 NCR-308 NCR-309 NCR-318 NCR-319 NCR-320 NCR-321 NCR-322 NCR-323 NCR-324 NCR-325 NCR-326 NCR-335 NCR-334 NCR-333 NCR-332 NCR-331 NCR-330 NCR-329 NCR-328 NCR-327 NCR-336 NCR-337 NCR-338 NCR-339 NCR-340 NCR-220 NCR-219 NCR-218 NCR-217 NCR-209 NCR-210 NCR-211 NCR-212 NCR-213 NCR-214 NCR-215 NCR-216 NCR-208 NCR-207 NCR-206 NCR-205 NCR-204 NCR-203 NCR-202 NCR-201

SYMBOL LEGEND

- Romios Claims
- VLF Trends
- Faults

GOLD IN HUMUS ppb Au

- 1 - 3
- 4 - 10
- 11 - 17
- 18 - 28
- 29 - 41

GOLD IN SAND ppb Au

- 0.00 - 0.007
- 0.007 - 0.013
- 0.013 - 0.020
- 0.020 - 0.032
- 0.032 - 0.056

SCALE: 1:2,500

0 50 100 150 200 Meters

ROMIOS GOLD RESOURCES INC.

MAP #3:

NORTHEAST NCR CLAIMS SOIL SAMPLE SITES & NUMBERS & GOLD-IN-SOIL RESULTS

UTM NAD 83 Z15 March 2023 Dwg by: J.L. Biczok

626200 626400 626600 626800 627000 627200 627400 627600 627800 628000 628200

5859200 5859000 5858800 5858600 5858400 5858200 5858000

N W E S

502361 502323 502324

VLF TREND # 4

502366 502367 502360 502320 502321

NORTH CARIBOU RIVER FAULT

VLF TREND #3

NCR-048 NCR-047 NCR-046 NCR-045 NCR-044 NCR-043 NCR-042 NCR-041 NCR-040 NCR-050 NCR-051 NCR-052 NCR-053 NCR-054 NCR-055 NCR-056 NCR-057 NCR-156 NCR-155 NCR-154 NCR-153 NCR-152 NCR-151 NCR-150 NCR-157 NCR-158 NCR-159 NCR-163 NCR-162 NCR-160 NCR-161

NCR-119 NCR-120 NCR-121 NCR-122 NCR-123 NCR-124 NCR-125 NCR-126 NCR-127 NCR-118 NCR-117 NCR-116 NCR-115 NCR-114 NCR-164 NCR-165 NCR-166 NCR-167 NCR-168 NCR-169 NCR-058 NCR-059 NCR-060 NCR-061

VLF TREND # 2

RANDALL LAKE

502363 502364 502365

VLF TREND # 1

NCR-062 NCR-063 NCR-064 NCR-065 NCR-171 NCR-170 NCR-038 NCR-037 NCR-036 NCR-035 NCR-034 NCR-033 NCR-032 NCR-031 NCR-030 NCR-024 NCR-025 NCR-026 NCR-027 NCR-028 NCR-029

SYMBOL LEGEND

- Romios Claims
- VLF Trends
- Faults

GOLD IN HUMUS ppb Au

- 1 - 3
- 4 - 10
- 11 - 17
- 18 - 28
- 29 - 41

GOLD IN SAND ppb Au

- 0.00 - 0.007
- 0.007 - 0.013
- 0.013 - 0.020
- 0.020 - 0.032
- 0.032 - 0.056

SCALE: 1:2,500

0 50 100 150 200 Meters

ROMIOS GOLD RESOURCES INC.

MAP # 4

SOUTHWEST NCR CLAIMS SOIL SAMPLE SITES & NUMBERS & GOLD-IN-SOIL RESULTS

UTM NAD 83 Z15 March 2023 Dwg. by J.L. Biczok