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Assessment Report

On

**2019 Prospecting Programme on the Central and South Quartz
Zone**

The Glass Hills Silica Property

for Precambrian Ventures Ltd.

Garrow and Clarkson Township

NTS 31L/11

Sudbury Mining District

Survey Dates: October 25 to Oct 31, 2019

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December 31, 2019

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i Summary

During the period from October 25 to October 31, 2019, a programme of prospecting was conducted on the South and Central Quartz Zones of the Glass Hills Property to determine the extent, the quality and purity of the quartz in those areas. A total of 44 rock samples were taken and 21 samples were submitted for whole rock XRF analyses to SGS Labs in Lakefield, Ontario. All of the samples submitted averaged 97.1% SiO₂ whereas the average SiO₂ value of samples from the South Quartz Zone (SQZ) increased to a respectable 98.1% SiO₂ and were beige-white to white in colour. The highest value was 99.2% SiO₂ (GC-4) from outcrop adjacent the road in the South Fork area. The area adjacent the road is composed of well exposed outcrop that steps upward in elevation (12-15 m) in a series of outcrop benches to the east. A bulk sample could be taken from this elevated area as there is good access with minimal overburden cover to strip.

1.0 Introduction

During the period from October 25 – 31, 2019, a two-man crew provided by Racicot Geological Consulting Ltd. carried out a Prospecting Survey on the Glass Hills Quartz Property. Rock samples were taken and traverse tracks were digitally recorded and a log of the work performed was kept. All Assessment Regulations were adhered to in order to claim a two-time (2X) credit allowable for prospecting field labour costs. Work was concentrated on the South (SQZ) and Central Quartz Zones (CQZ).

2.0 The Glass Hills Property

The property consists of 42 Single Cell claims and 2 multi-cell claims (total of 14 cells) which total approximately 1,252 hectares (3,093 acres). The claims are located in Clarkson (G1717) and Garrow Lake (G1726) Townships. The Claim Sheets are located in the Sudbury Mining District.

3.0 Ownership

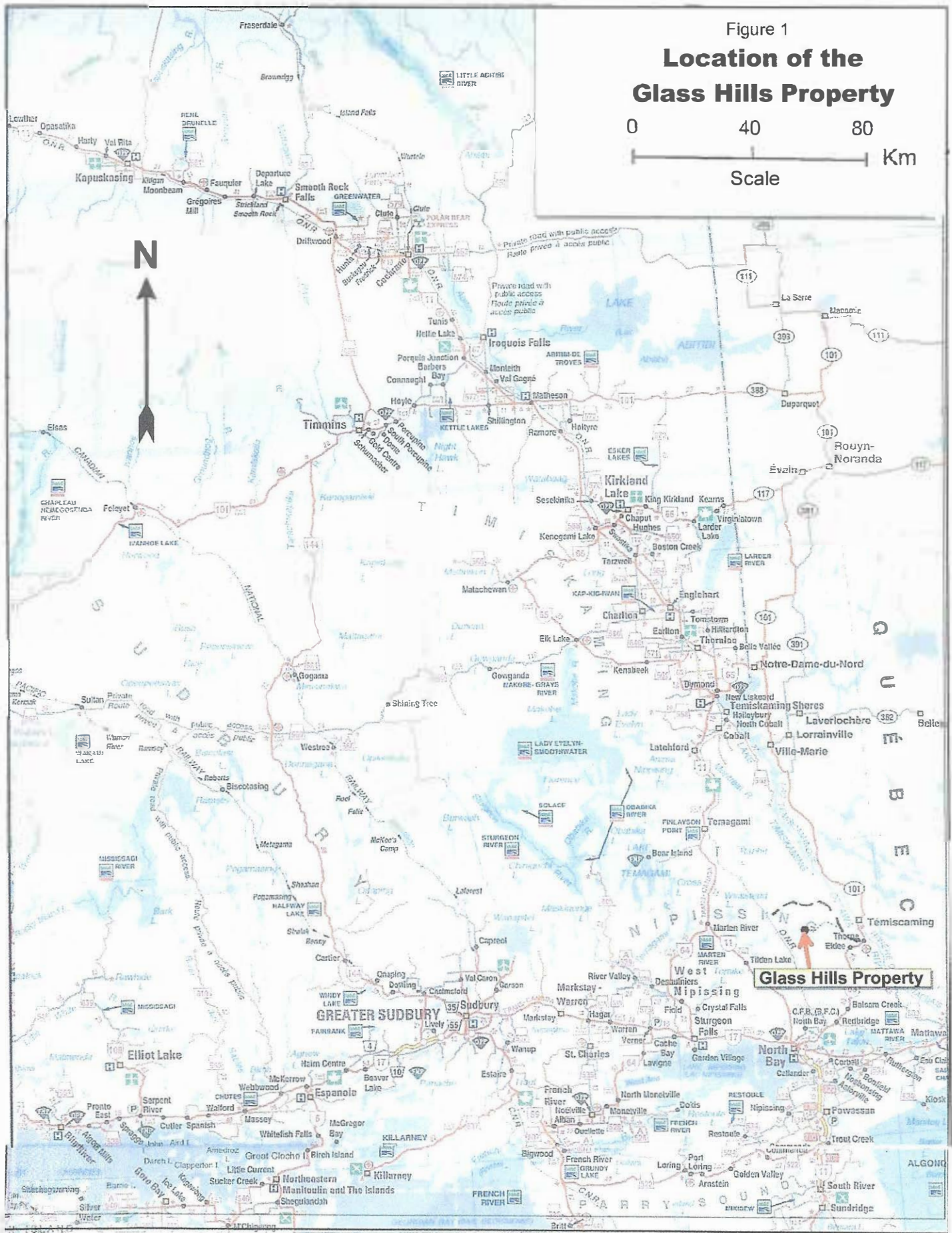
The property is held 100 % by Precambrian Ventures Ltd. Table 1 provides a Client Report stating the particulars of the claims that constitute the property.

4.0 Location and Access

The Glass Hills Property is a high-grade silica prospect located about 66 km by highway northeast of the city of North Bay, Ontario. Access is via Provincial Hwy #63 to a point 51.7 km northeast of North Bay where the McConnell Lake Road meets the highway. A secondary road referred to as the Clarkson Road branches northwest from the McConnell Lake Road at about the 7.6 km mark from Highway 63. By taking the Clarkson Road approximately 7 km, one accesses the south eastern part of the property. A seasonal bush road/trail to the left (southwest) is navigable by ATV and is referred to as the South Road while another ATV-skidder trail continues straight (northwest) and is referred to as the High Road (Figure 1, Figure 4 and Map 1).

Figure 1
**Location of the
 Glass Hills Property**

0 40 80
 Km
 Scale





Legend

- Provincial Grid Cell**
 - Available
 - Pending
 - Unavailable
- Mining Claim**
 - Mining Claim
 - Boundary Claim
- Alienation**
 - Withdrawal
 - Notice
- ENDM Administrative Boundaries**
 - ENDM Townships and Areas
 - Geographic Lot Fabric
 - UTM Grid 1K
 - UTM Grid 10K
 - Mining Division
 - Mineral Exploration and Development Region
 - CLUPA Protected Area - Far North
 - Resident Geologist District
 - Federal Land Other
 - Native Reserves
- AMIS Sites**
 - AMIS Sites
 - AMIS Features
 - Drill Hole
 - Mineral Occurrences
- MLAS Mining History**
 - Withdrawal - History
 - Notice - History
 - Mining Claim - History
 - Mining Land Tenure - History
 - Legacy Claim
- Provincial Grid**
 - Provincial Grid 250K
 - Provincial Grid 50K
 - Provincial Grid Group
- Land Tenure**
 - Surface Rights
 - Mining Rights
 - Mining and Surface Rights
 - Order-in-Council



Projection: Web Mercator

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Table 1 List of Cell Claims, Glass Hills Property

Legacy Claim	Township / Area	Tenure ID	Tenure Type	Anniversary	Tenure Status	Tenure %	Work Req'd	Expl'n Reserve
3004487	GARROW	106911	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	129209	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	129210	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
03009463	GARROW	138207	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	140694	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	140695	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	146095	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	146096	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
03009463	GARROW	162658	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	162659	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
03009463	GARROW	218094	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
03009463	GARROW	218095	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	221944	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
03009463	GARROW	227382	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
03009463	GARROW	227383	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	229925	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	229926	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	242088	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	7
03009463	GARROW	249415	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
03009463	GARROW	256956	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
03009463	GARROW	288520	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	288521	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
03009463	GARROW	288522	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
03009463	CLARKSON,GARROW	306202	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
03009463	CLARKSON,GARROW	312945	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
3004487	GARROW	315330	Single Cell Mining Claim	2019-09-28	Hold Pending extension of time	100	400	0
	CLARKSON	540584	Multi-cell Mining Claim	2019-09-29	Hold Pending extension of time	100	4000	0
	CLARKSON	540585	Multi-cell Mining Claim	2019-09-29	Hold Pending extension of time	100	1600	0
4243830	CLARKSON	136776	Single Cell Mining Claim	2020-08-05	Active	100	400	0
4243829	CLARKSON	185387	Single Cell Mining Claim	2020-08-05	Active	100	400	0
4243829	CLARKSON	224652	Single Cell Mining Claim	2020-08-05	Active	100	400	0
4243829	CLARKSON	280694	Single Cell Mining Claim	2020-08-05	Active	100	400	0
3019184	CLARKSON	104321	Single Cell Mining Claim	2020-12-21	Active	100	400	0
3019184	CLARKSON	289863	Single Cell Mining Claim	2020-12-21	Active	100	400	0
03009481	CLARKSON	104320	Single Cell Mining Claim	2021-09-28	Active	100	400	0
03009463	CLARKSON,GARROW	108283	Single Cell Mining Claim	2021-09-28	Active	100	400	0
03009481	CLARKSON	138906	Single Cell Mining Claim	2021-09-28	Active	100	400	0
03009481	CLARKSON	185985	Single Cell Mining Claim	2021-09-28	Active	100	400	0
03009481	CLARKSON	203528	Single Cell Mining Claim	2021-09-28	Active	100	400	0
03009481	CLARKSON	209678	Single Cell Mining Claim	2021-09-28	Active	100	400	0
03009481	CLARKSON	244826	Single Cell Mining Claim	2021-09-28	Active	100	400	0
03009481	CLARKSON	247550	Single Cell Mining Claim	2021-09-28	Active	100	400	0
03009463	CLARKSON,GARROW	256955	Single Cell Mining Claim	2021-09-28	Active	100	400	0
03009481	CLARKSON	286700	Single Cell Mining Claim	2021-09-28	Active	100	400	0
03009481	CLARKSON,GARROW	294714	Single Cell Mining Claim	2021-09-28	Active	100	400	0
03009481	CLARKSON	335000	Single Cell Mining Claim	2021-09-28	Active	100	400	0

5.0 Work Programme

A Prospecting Survey was carried out on in the southern part of the large Glass Hills Property. The object of the programme was to trace the South and Central Quartz Zones (SQZ and CQZ) to the northwest. Previous sampling and a core drill programme (2015) had indicated that the SQZ contained SiO₂ values > 99.0% locally.

A Garmin GPS, model 60Cx was used to generate the prospecting tracks and establish waypoints. Racicot had a second identical GPS unit (model 60Cx) but at times that model would “short out” and/or take several hours to log into the satellites. When this happened, the tracks were transferred and hand drawn on one map for ease of presentation.

The programme was carried out by Frank Racicot of Racicot Geological Consulting Ltd. who was assisted by Eldon Phillips. Both men are from Sudbury, Ontario. A total of 3.5 days was spent prospecting in the field. A total of 44 rock samples were taken from which 21 samples were submitted to SGS Labs in Lakefield, Ontario for whole rock XRF analyses. An early snowfall terminated the programme at the end of October.

Rock samples chosen for major element XRF analysis were submitted to the SGS lab in Garson, Ontario for sample preparation. The prepared samples - pulps and rejects, were then sent to the SGS Lab in Lakefield, Ontario for analysis. Samples that were not analysed were stored at the residence of F. Racicot for latter retrieval and reference. G. Campbell, project manager, drove to, and collected the sample material from Lakefield and the reference samples in Sudbury and delivered them to Ontario Stone in Huntsville for examination and display for potential clients and investors.

A double or ‘2X’ credit for assessment costs has been charged for the labour portion of the Prospecting Survey. A double credit is allowed if the prospecting survey adheres to the rules set out by the MNDM such as recording prospecting tracks, describing topography, overburden and vegetation cover and taking pictures to show these features. This report describes these features in the area covered.

6.0 Topography and Vegetation (by F. Racicot)

The Glass Hills Property is located on an area elevated above the surrounding countryside by 75-100 metres. The claim area has some high rolling, rounded hills, largely due to the fact that much of the outcrop is composed of quartz-rich rocks that are resistant to weathering. Many of the quartz outcrops are white-grey and very rounded making sampling difficult. Sampling was frequently limited to ledges and fractures or edges in the outcrop. The soil development over much of the area is relatively poor, especially in the areas where quartz-rich outcrop is common. Some very limited gravel was noted along the edge of some of the roads.

Most of the tree cover (70-80%) was deciduous, specifically 75% oak and 5% maple. There was about 4% white and yellow birch, 15% spruce and about 1% scattered white pine. Patches of alders were scattered about and mainly occurred in poorly drained, low-lying areas.

There were many round to sub-rounded erratics in the area - many of which were quartz-rich rocks similar to the quartz outcrops that were being investigated. This was somewhat surprising, indicating that despite the fact that these quartz boulders did not travel very far, they were none-the-less, well rounded. A few granite and metasedimentary boulders were also observed and they were scattered throughout the area. Many of the boulders were over 1 meter in size and a few were the size of a small shed (see photo 1).



Photo 1 - Large Glacial Erratic

7.0 Geology

7.1 Regional Geology

The Glass Hills Silica property is located in Tomiko Terrane which occurs in the Grenville Geological Province of the Canadian Shield. The Tomiko Terrane can be divided into a western and an eastern domain. The property is located in the eastern domain which is dominated by supracrustal rocks of mostly Paleoproterozoic age. These rocks consist mainly of quartzose and feldspathic metasedimentary rocks with minor calc-silicate gneiss, iron formation and marble.

7.2 Property Geology

The main zones of interest are two (2) and possibly three (3), northwest trending units of massive quartz/quartzite consisting of a glassy, translucent, coarse grained, grey-white quartz contain only minor impurities. The three (3) zones of silica-rich rock on the property are referred to as the Centre Quartz Zone (CQZ), the South Quartz Zone (SQZ) and the North Quartz Zone (NQZ). The quartz-rich metasedimentary sequence on the property has been folded into a synformal structure and where the quartzite was purest, the rocks have recrystallized into a coarse-grained,

white-grey, quartz rock (see photo 2). The more pelitic or impure quartz units, are metamorphosed to a micaceous quartzite.

The NQZ may be a subzone of the thicker CQZ as it is separated from the CQZ by a unit of micaceous quartzite probably representing a more pelitic or impure quartz sandstone unit. The Quartz Zones seem to extend northwest across the property for a distance of approximately 3.8 km. Silica values often range from 98.0 - 99.1% SiO₂. Minor amounts of muscovite-sericite mica and very fine-grained iron oxide are present as impurities and constitute only a minor amount of the rock. The latter may be oxidized and visually exists as pink-red 'splashes' of coloration on the weathered surface. Of secondary interest are the mica-bearing quartzite units lying peripheral to the quartz units. These units may display attractive shades of red or green colouration which could be suitable for the landscaping market.

8.0 Previous Work

2007: A 10 km x 10 km IKONOS satellite image with a 1 metre resolution was commissioned for the area from Photosat Information Ltd. to provide a 1:5,000 scale base map.

2008: Maceron Drilling of Sudbury provided a crawler-mounted percussion drill rig that completed 23 holes totaling 137.2 metres of drilling at an all-in cost of \$1,076 per hole. A total of 90 samples of drill cuttings were taken at 1.5 metre intervals down each of the 6.1 metre vertical holes.

2009: A programme of overburden stripping, power-washing and channel sampling was undertaken. An area of about 2,450 m² was cleared by an excavator, then power-washed and channel sampled. A total of 56 samples were taken from 112m of channels that were cut across a portion of the Central Quartz Zone (CQZ). SGS Lakefield was asked to investigate methods to remove impurities such as mica and a very fine-grained Fe-oxide from the quartz. A simple magnetic separation removed most of the mica reducing much of the Al₂O₃ and K₂O from the samples however there was no significant reduction in Fe content.

2014: Carl Barfoot of Georgian Bay Marble and Stone of Wiarton, Ontario tested the rock for its cutting and polishing characteristics to see if it could be fabricated for tiles etc. in the housing (Coverings) Industry. A suite of attractive polished samples was sent to various dealers as well as the Stone Expo and Coverings Trade Show in Orlando Florida.

2015: A Phase 1 programme of geological mapping and sampling by Frank Racicot Consulting was initiated in order to better define and sample of the Central and South Quartz zones. Sixty-nine (69) pulps from previous sampling (drill cuttings, grab samples) were analyzed for gold but results were negative. Phase 2 of the 2015 programme occurred from September 15 – October 1. An excavator cleared overburden in the main work area in the Central Quartz Zone. A small drill programme of 4 holes totaling 82.2 metres tested two (2) widespread areas for silica. In addition, the quality and attractiveness of red mica-bearing rocks were tested in an area between the two sites tested for silica.

2017: A programme of overburden stripping was conducted in late September to extend the area cleared in 2015 on the Central Quartz Zone. An addition area of 2,300 m² was cleared.

9.0 Daily Logs and Prospecting Tracks (by F. Racicot)

A total of 3.5 days was spent prospecting in the field by Frank Racicot and 2.5 days by assistant Eldon Phillips. A Garmin GPS, model 60Cx was used to generate the tracks and establish waypoints.

Oct 25: Racicot initially examines two silica outcrop areas on the South Road. An area referred to as the "Crystal Dome" had previously been blasted several years prior. A sample is taken and later labelled GC-27. Slightly south of "Crystal Dome" was a large rounded silica knob denoted as Outcrop G in previous reports. It had previously been stripped and channel sampled in several areas. Both of these areas were examined in order to compare them the quartz encountered during this prospecting session. Racicot samples and maps the rubble and ledges located at the 'South Fork'. He also prospects, samples and maps a new area north and east of the South Fork. Four samples are taken from the South Fork- (GC 1-GC 4) and 4 samples were taken from the new area northeast of the South Fork -referred to as the "East Knob" (Samples GC 5 to GC 8). See Figure 3.



Photo 2: Lower ledge of typical massive quartz looking south towards samples GC 1 to GC 4 (beyond moss cover)

Oct 27: Racicot and Phillips drive to the area and stay in Temiscaming during the evening.

Oct 28: Racicot and Phillips prospect and sample the area northwest of the South Fork. A system is required to be able to compare, quantify and document the purity and extent of the silica. It is decided

to sample each outcrop area and if possible, take a representative composite or grab sample of each outcrop. A total of 18 samples were taken. (GC 9 to GC 26)

Oct 30: Racicot and Phillips prospect and sample an area south of the High Road. An extensive northeast-trending ridge was located at the south end of the traverse. It was examined in more detail and a larger composite sample is taken (GC 30). On route to the area, several possible outcrops were examined- but they are finally determined to be huge boulders. Three samples were taken (GC 28 to GC 30). ½ day.

Oct 31: Racicot and Phillips prospect and sample the huge ridge on the 'High road', take 5 samples (GC 31-GC 35) and photograph quartz veins within the silica ridge (see below). They also prospect and sample the area north of where the last samples were taken on Oct 28th (GC 23 and GC 24) and up to within 50 meters of where sample GC 30 was taken on Oct 30th. Thirteen samples were taken (GC 31 to GC 45, no sample at GC 37). Also examined, sampled and photographed some rubble east of the South Fork (Photo 4).



Photo 3: Sample GC 33 showing quartz veins in quartz-rich outcrop located on the north side of the High Road.



Photo 4: Sample site GC 36 from outcrop rubble adjacent percussion Hole G08-10 drilled in 2008.

See the Track Maps in the Appendix 1 for the location of the above tracks and samples. Sample descriptions and UTM locations are listed in Table 2.

10.0 Prospecting Survey Observations (by F. Racicot)

The field program for this project was basically to search out and sample areas northwest and on strike of the South (SQZ) and Central Quartz Zones (CQZ) accessed from the South Road. Some areas on the South Road had been previously mapped, drilled and sampled in 2015. During the 2019 prospecting programme some of the outcrops had to be stripped with a grub hoe, but for the most part overburden was absent or only covered by a thin layer of moss. Difficulty in sampling these quartz outcrops was due to their 'rounded knobby' nature or as cliff ledges of varying sizes. The outcrops were usually too round and too hard to sampled unless a ledge or joint was exposed where one could break off pieces with a small sledge hammer. Such joints were invariably mica-rich and were not truly representative of the rock as a whole.

The 'South Fork' area where samples GC 1 to GC 4 are located contained one sample that was relatively rich in sericite (GC 3), even though most of the outcrop was relatively clean. It may be that any future evaluations may require that the outcrops be blasted or channel cut in order to provide a more accurate picture of their internal composition.

It appears that the SQZ outcropping at the South Fork extends to the northwest for at least several hundred meters. Based on the field observations, it also appears that there is a clean 'knob' of silica just east of the South Fork on the South road (referred to as the East Knob) as indicated by samples GC 5 to GC 8. Although they did contain minor hematite and sericite, the 'East Knob' area appears to contain high-grade quartz at least as clean as the silica at the Crystal Dome. Due to its elevated nature (12-15m above road level), the area would be suitable for a future bulk sample.

Schematic Sketch For East Knob Area and South Fork Area

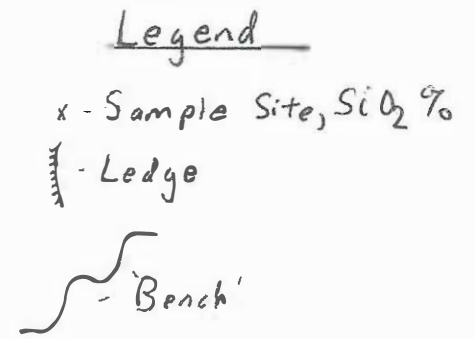
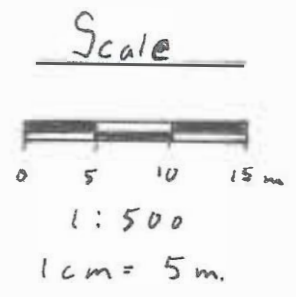
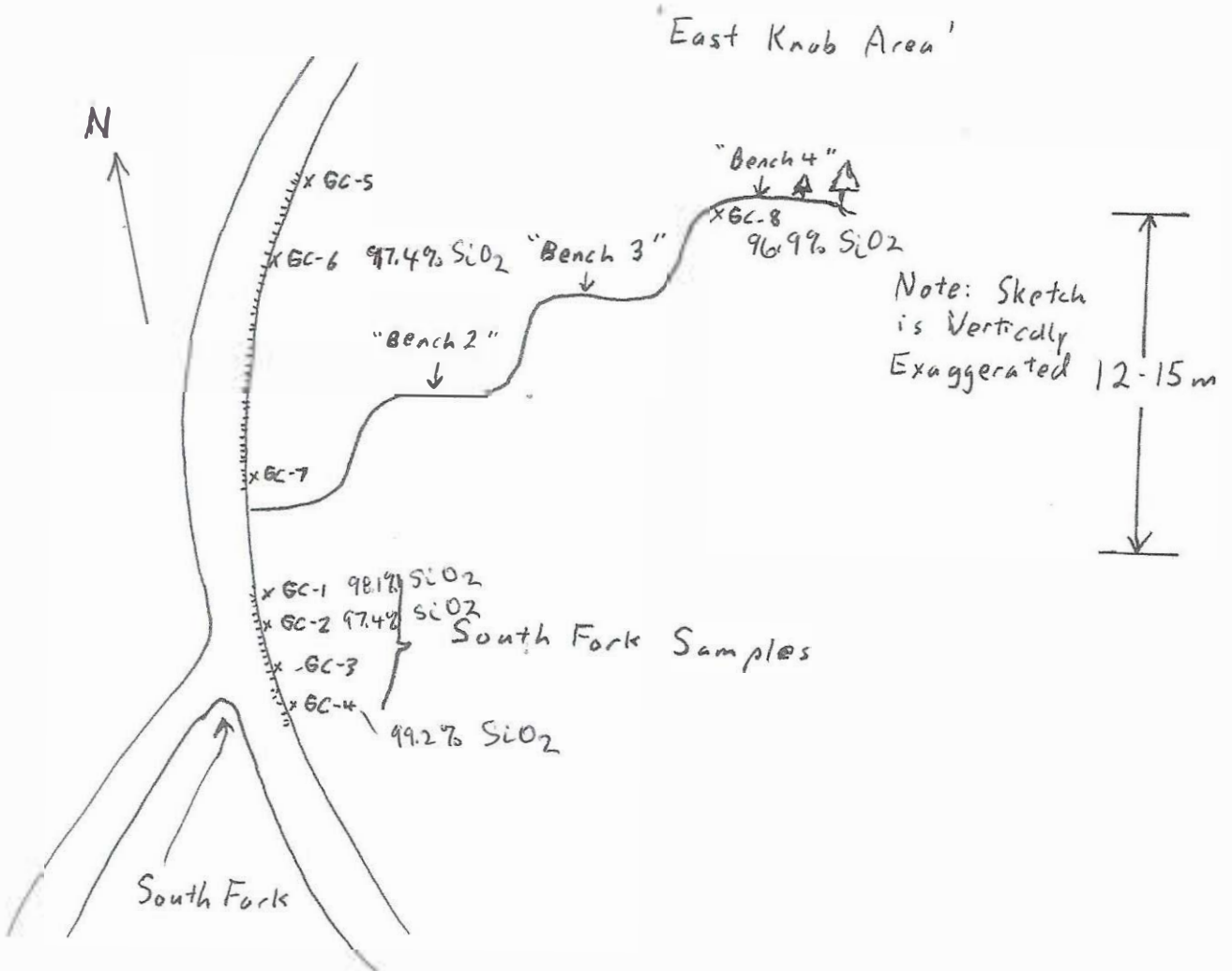


Figure 3
E. Racicot
Nov 2019

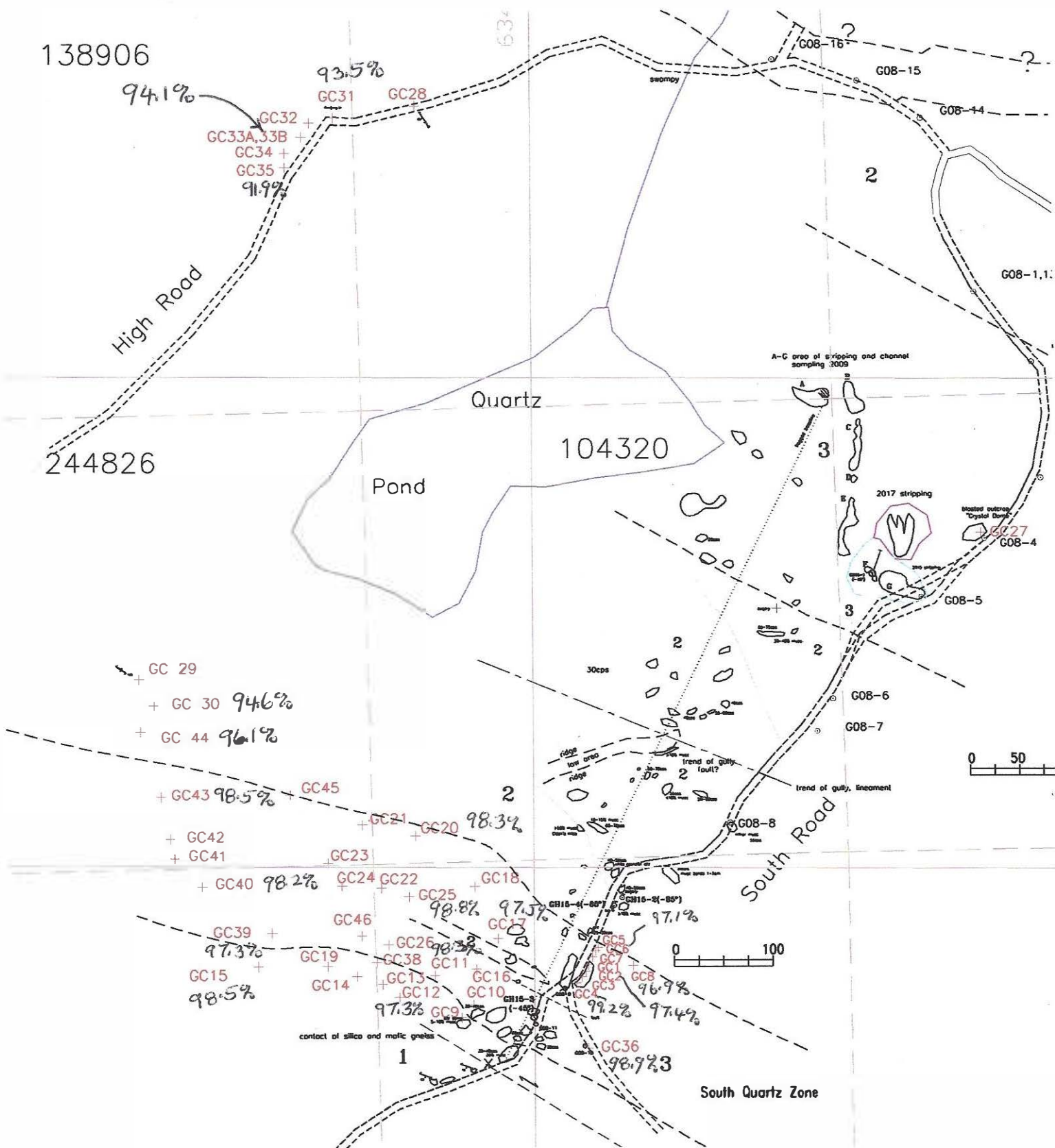


Fig 4

% SiO₂ in Rock samples
October 2019

Table 2 Prospecting Survey Sample Descriptions, October, 2019

Sample #	Easting	Northing	Approximate Size	Notes	Date	SiO2	Al2O3	Fe2O3	Type
GC-1	634055	5170896	Fm 11m long blast area, S. Fork	Relative clean, grey and white quartz; minor pink, from blasted o/c	Oct-24	98.1	0.59	1.09	gb
GC-2	634056	5170892	Fm 11m long blast area, S. Fork	As above, more sericite, moderate amount of fractures, fm blasted o/c	Oct-24	97.4	0.6	1.75	gb
GC-3	634057	5170889	Fm 11m long blast area, S. Fork	Dirty white quartz, rusty stained, much sericite on fractures, fm blasted o/c	Oct-24				gb
GC-4	634058	5170885	Fm 11m long blast area, S. Fork	Similar to GC1 with trace sericite on fractures: from blasted o/c	Oct-24	99.2	0.39	0.2	gb
GC-5	634060	5170926	Fm 20 m long 'ledge', E. Knob	White to grey quartz, tr or spotty hematite +/- sericite on fractures	Oct-24				gb
GC-6	634058	5170920	Fm 20 m long 'ledge', E. Knob	Relative clean, grey and dirty white quartz, tr sericite on a few fractures	Oct-24	97.4	1.05	0.14	gb
GC-7	634055	5170906	Fm 20 m long 'ledge', E. Knob	Grey and white quartz with trace sericite	Oct-24				
GC-8	634100	5170914	Fm 20 m long 'ledge', E. Knob	Grey and white quartz with 1-2% sericite in rock and tr hematite on fractures, approx. 45 m from GC 1 to GC 7, at hilltop.	Oct-24	96.9	0.66	0.16	gb
GC-9	633926	5170843	10m X 20m	Mainly white qtz +/- some sericite or pink tinge in places.	Oct-28	97.3	1.07	0.18	gb
GC-10	633938	5170856	5m X 20m	Mainly white qtz and VERY rare to trace pink tinge in places	Oct-28				comp
GC-11	633899	5170886	2m X 6m	Clean quartz	Oct-28				comp
GC-12	633863	5170864	3m X 15m- ledge	Mainly clean qtz with some mica on some fractures	Oct-28				
GC-13	633846	5170877	3m X 8m	Quartz with trace hematite or sericite on fractures	Oct-28				
GC-14	633820	5170885	20m X 20m	Mainly clean quartz with tr brown stain or sericite in a few places, at hilltop	Oct-28				comp
GC-15	633790	5170895	10m X 25m	Clean quartz with trace mica on some fractures- in some places	Oct-28	98.5	0.83	0.14	comp
GC-16	633941	5170892	10m X 2m ledge	Scattered small amounts of hematite, pink tinge or sericite	Oct-28				comp
GC-17	633963	5170923	9m X 12m	Clean quartz	Oct-28	97.5	0.68	0.19	comp
GC-18	633940	5170976	2m X 3m	Clean qtz with very rare sericite on fractures	Oct-28				comp
GC-19	633911	5170978	20m X 50m; 2 domes	Rare minor hematite on east dome; slightly more hematite on west dome	Oct-28				comp
GC-20	633880	5171028	6m X 25m	Mainly clean quartz with some hematite in places	Oct-28	98.3	0.65	0.2	comp
GC-21	633826	5171039	15m X 20m: top of hill	Quartz +/- some hematite and +/- some sericite	Oct-28				comp
GC-22	633845	5170975	3m X 30 m slim ridge	Clear quartz: next to 10m X 50m pond	Oct-28				
GC-23	633791	5171000	5m X 5m	Translucent quartz with trace sericite and rare hematite	Oct-28	98.9	0.32	0.14	comp
GC-24	633805	5170977	3m X 5m	As above	Oct-28				comp
GC-25	633873	5170966	3m X 20m sliver ridge	Mainly translucent or grey quartz with a few specs of pink in places	Oct-28	98.8	0.36	0.24	gb
GC-26	633852	5170917	10m X 10m	Translucent quartz with trace sericite on fractures	Oct-28	98.3	0.95	0.11	comp
GC-27	634471	5171336	6m X 6m approx	From Blast area at 'Crystal Dome'	Oct-30				comp
GC-28	633883	5171772	4m X 10m approx	Dirty quartz with sericite and some dark grey, 1 cm bands (hematite?) that strike @ 145/ dip 80 SW	Oct-30				comp
GC-29	633600	5171189	2m X 15m ridge/ledge	30% sericite and 1" band of hematite @ 120 degrees/ dip 90	Oct-30				comp
GC-30	633615	5171162	20m X 50m long high ridge	Quartz with sericite and 'moderate' hematite	Oct-30	94.6	2.89	0.34	comp
GC-31	633800	5171760	8m x 10m	Quartz with 4-10% sericite on fractures (approx UTM coordinates- EP)	Oct-31	93.5	3.71	0.58	comp
GC-32	633780	5171753	15m X 10m X 8m cliff	Quartz +/- hematite or sericite; some quartz veins at 090 dip 75N; photo similar to GC 35 (part of same ridge up to GC 35) (coordinates estimated)	Oct-31				comp
GC-33A	633760	5171750	5m x 10m		Oct-31				comp
GC-33B	633768	5171741	10m x 15m x 6m high cliff	Mainly dull grey qtz with some sericite & other impurities	Oct-31	94.1	4.12	0.38	comp
GC-34	633768	5171741	12m X 10m X 5m knob	similar to GC 35 (part of same ridge up to GC 35; on north side)	Oct-31				comp
GC-35	633751	5171710	40m x 50m x 25m high cliff	80-85% quartz +/- sericite and +/- hematite	Oct-31	91.9	5.14	0.83	comp
GC-36	634048	5170797	5m x 9m	Blast area on east fork; mainly slightly pink with trace sericite	Oct-31	98.9	0.53	0.11	comp
GC-37				No coordinates, No sample	Oct-31				
GC-38	633840	5170899	5m x 18m at top of hill	Mainly translucent quartz with trace hematite and trace sericite	Oct-31				comp
GC-39	633734	5170929	3m 8m flat outcrop	Translucent quartz with trace sericite	Oct-31	97.3	1.13	0.17	comp
GC-40	633663	5170976	3m x 15m	Mainly translucent quartz with numerous hematite veins in some areas	Oct-31	98.2	0.73	0.15	comp
GC-41	633636	5171004	3m x 12m	Translucent quartz with trace sericite but slightly more hematite	Oct-31				comp
GC-42	633631	5171025	2m x 9m ledge: base of hill	Quartz with trace sericite: north of major 30 m wide gully (fault)	Oct-31				gb
GC-43	633622	5171068	2m X 15m dirt covered ledge	Mainly quartz with trace sericite and trace pink (other side of gully)	Oct-31	98.5	0.55	0.21	gb
GC-44	633601	5171134	5m x 9m; Above GC-30	Quartz with some pink and trace sericite: About 30 m from GC 30	Oct-31	96.1	2.04	0.35	gb
GC-45	633753	5171070	small area; 2m x 4m	Grey quartz	Oct-31				gb
GC-46	633825	5170926	small area	no sample- too round- but looked 'clean'	Oct-31				

abbreviations: gb-grab

comp - composite

11.0 Results and Recommendations

The prospecting survey was focused mainly on the South Quartz Zone (SQZ) as previous samples had shown that a significant number contained >99.0 % SiO₂. The SQZ was traced northwest and an elevated area of good outcrop adjacent the 'High Road' was also evaluated.

A total of 44 rock samples were taken and of these 21 of the 'better' looking samples were submitted for XRF Whole Rock analyses. The selected samples contained lower visual amounts of muscovite/sericite and magnetite/hematite. The average major element values of all 21 samples of the 4 most important major elements in this survey were SiO₂ - 97.13%, Al₂O₃ - 1.38%, Fe₂O₃ - 0.36%, and K₂O - 0.29%. Al₂O₃ and K₂O reflect the presence and content of muscovite whereas Fe₂O₃ content reflects the content of magnetite/hematite and perhaps trace titaniferous magnetite. However values within the SQZ zone have the following averages: SiO₂- 98.09%, Al₂O₃ - 0.69%, Fe₂O₃ - 0.32% and K₂O - 0.20%. The SQZ has about a 1% higher content of SiO₂ than the surrounding mica-bearing units. The iron (Fe₂O₃) content seems to be comparable (see Table 2 and 3).

Surface sampling of the rounded quartz outcrops was difficult so that often only the edges of the outcrop or areas where fracturing had caused minor breaks on the outcrop surface were sampled. However, such sites always contained a coating of muscovite/sericite so the analytical results are skewed unfavourably. The SiO₂ content would be lower than that of unfractured quartz rock. Blasting of some outcrop to provide 'fresh' samples is recommended.

An elevated area with good outcrop lies adjacent 'High Road' and is on-strike with the Central Quartz Zone (CQZ). Samples from here contain 91.9 - 96.1% SiO₂ and 2.89 - 5.14 % Al₂O₃ reflecting the higher muscovite content of these rocks (Samples GC 28, GC 31- 35 on Fig. 4). Visual examination of sample here show the quartz is not as 'clean' and it has a dull grey appearance. K₂O and Fe₂O₃ values are also higher and although the overburden is largely absent and the road access is good, the SiO₂ content of the quartz is considered low.

The highest SiO₂ value was 99.2% (GC-4) collected from outcrop adjacent the road at the South Fork within the confines of the SQZ (Fig. 3). Other values greater than 98.0 % SiO₂ are also evident in the immediate area (i.e. GC 36). Sampling nearby with <98.0 % SiO₂ reflect the presence of muscovite along fracture surfaces. Fracture surfaces are always coated with muscovite/sericite and the higher the fracture density, the poorer the quality of quartz there is present.

There is abundant outcrop and good exposure that steps upward in elevation, about 12-15 metres, in a series of outcrop benches east of the South Fork area. The quartz here is often a semi- translucent, grey-white colour and in fracture poor areas, is >98.5% SiO₂. A bulk sample could be taken in this area with minimal overburden to strip. It is recommended that a bulk sample in this area be taken.

12.0 References:

Campbell, G., 2008: Assessment Report for Precambrian Ventures Ltd. on The Results of Rock Sampling and the Reconnaissance Percussion Drill Sampling Programme, Glass Hills Silica Prospect, Garrow and Clarkson Townships, MNDM Assessment Report, Part 1 and Part 2(maps), 19p.

Campbell, G., 2009: Assessment Report for Precambrian Ventures Ltd. on the 2009 Work Programme of Overburden Stripping, Rock and Channel Sampling Results and an SGS Lakefield Mineral Study to Remove Impurities from Silica-Rich Samples

Campbell, G., 2015a: Assessment Report on A Test to Determine if Cut and Polished Silica Rock Would Have Uses in the Housing (Coverings) Industry on Claim 3019184.

Campbell, G., 2015b: Assessment Report on Geology and Sampling to Define the Central and South Quartz Zones on Claims 03009481, 3019184,4243829, 45243830, 03009463 and 3004487, the Glass Hills Silica Property, MNDM Assessment Report dated August 27,2015, 12p.

Campbell, G. and Phillips, E., 2015: 2015 Drill and Overburden Stripping Programme on the Central and South Quartz Zones, Claims S3019184, S4243830, S03009463 and S3004487, the Glass Hills Silica Property, MNDM Assessment Report dated December 7, 2015, 11p.

Campbell, G., 2017: 2017 Overburden Stripping Programme on the Central Quartz Zone, Claim S03009481, MNDM Assessment Report dated October 31, 2017, 10p, 1 Map.

Easton, R.M. 2003: Reconnaissance Study of the Geology and Mineral Potential of the Eastern Tomiko Terrane, Grenville Province, Summary of Field Work and Other Activities, 2003, Ontario Geological Survey, Open File Report 6120, p16-1 to 16-25.

Easton, R.M. 2006: Geology and Mineral Potential of the Eastern Tomiko terrane, Grenville Province; Ontario Geological Survey, Open File Report 5554, 117p.

Appendix 1

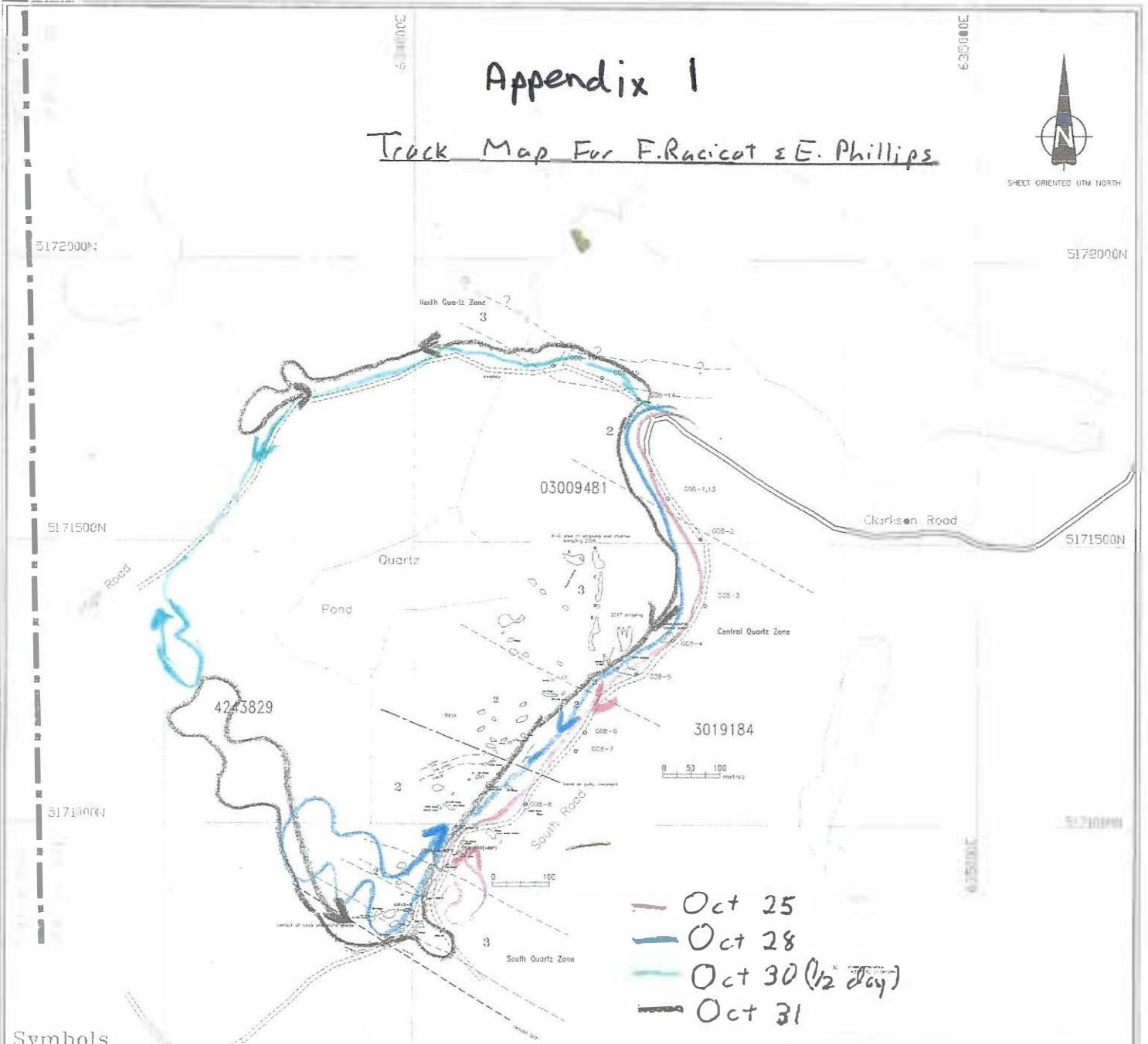
Prospecting Track on the Glass Hills Property, October 25-31, 2019

Appendix 1

Track Map For F. Racicot & E. Phillips



SHEET ORIENTED UTM NORTH



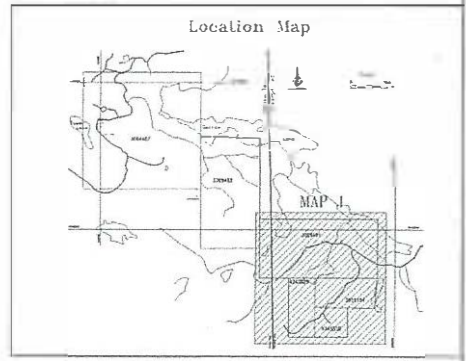
- Oct 25
- Oct 28
- Oct 30 (1/2 Day)
- Oct 31

Symbols

- claim line
- claim number
- seasonal road
- ATV trail
- winter trail
- vertical percussion drill hole
- geological contact, inferred
- foliation, dip
- outcrop
- area of mechanical stripping
- scintillometer counts per sec(e)ps
- muscovite
- quartz

- 3 massive grey-white quartz (generally >98% SiO₂)
- 2 micaceous quartzite, quartz mica schist
- 1 dark banded to gneissic metasedimentary rock

Legend

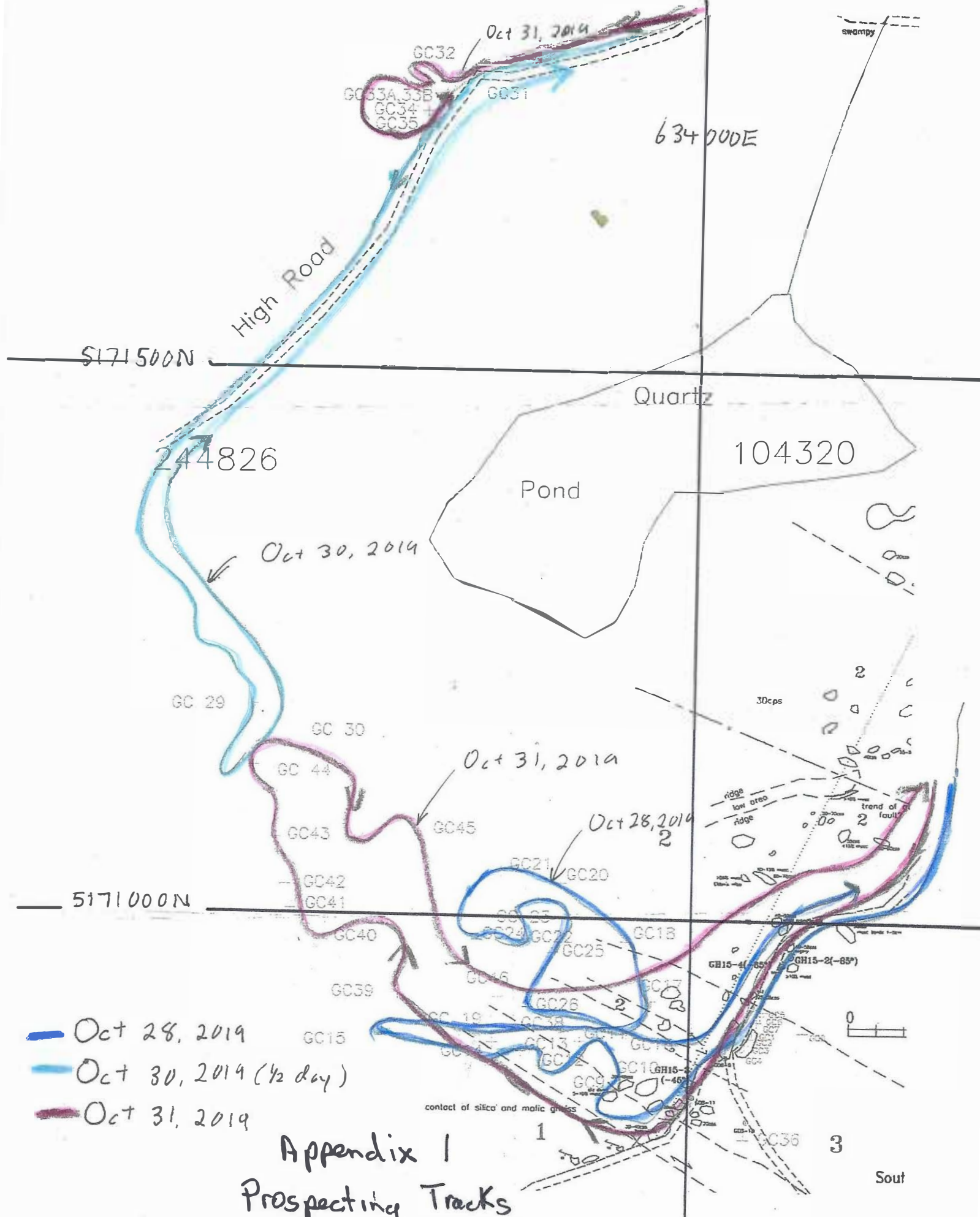


Precambrian Ventures Ltd.

Glass Hills Silica Project

Garrow and Clarkson Townships

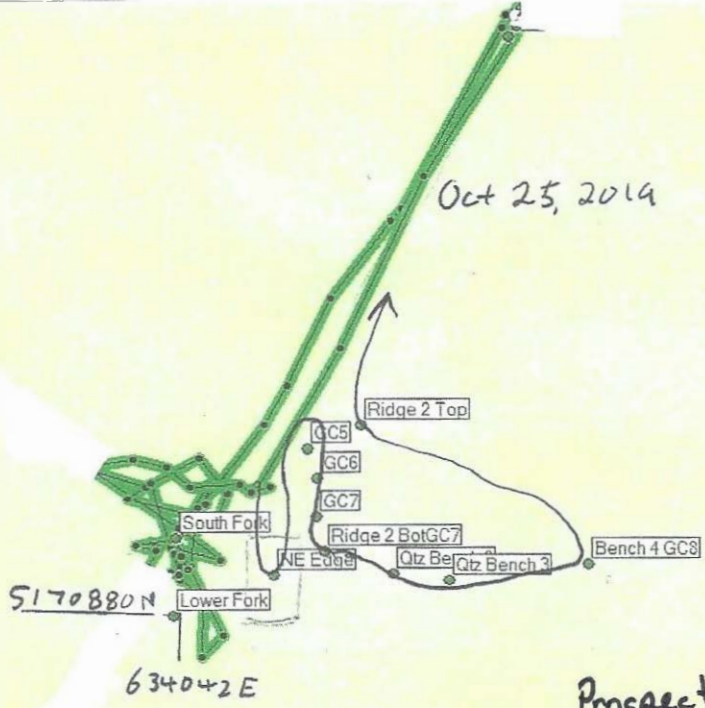
Date:	NTS: 31L/11
Drawn By: GC	



Appendix 1
Prospecting Tracks

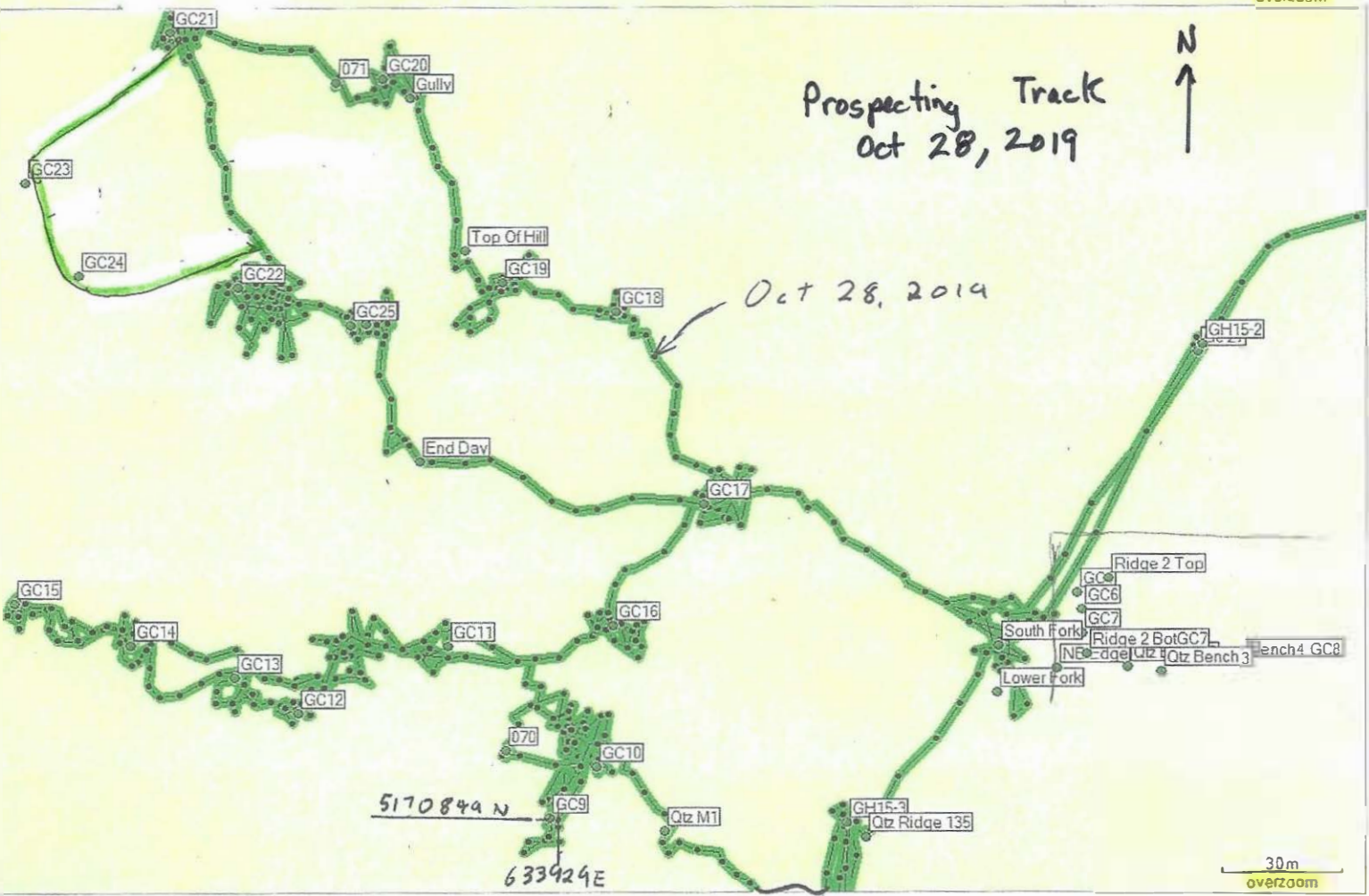
- Oct 28, 2014
- Oct 30, 2014 (1/2 day)
- Oct 31, 2014

South



Prospecting Track
Oct 25, 2019

20m
overzoom



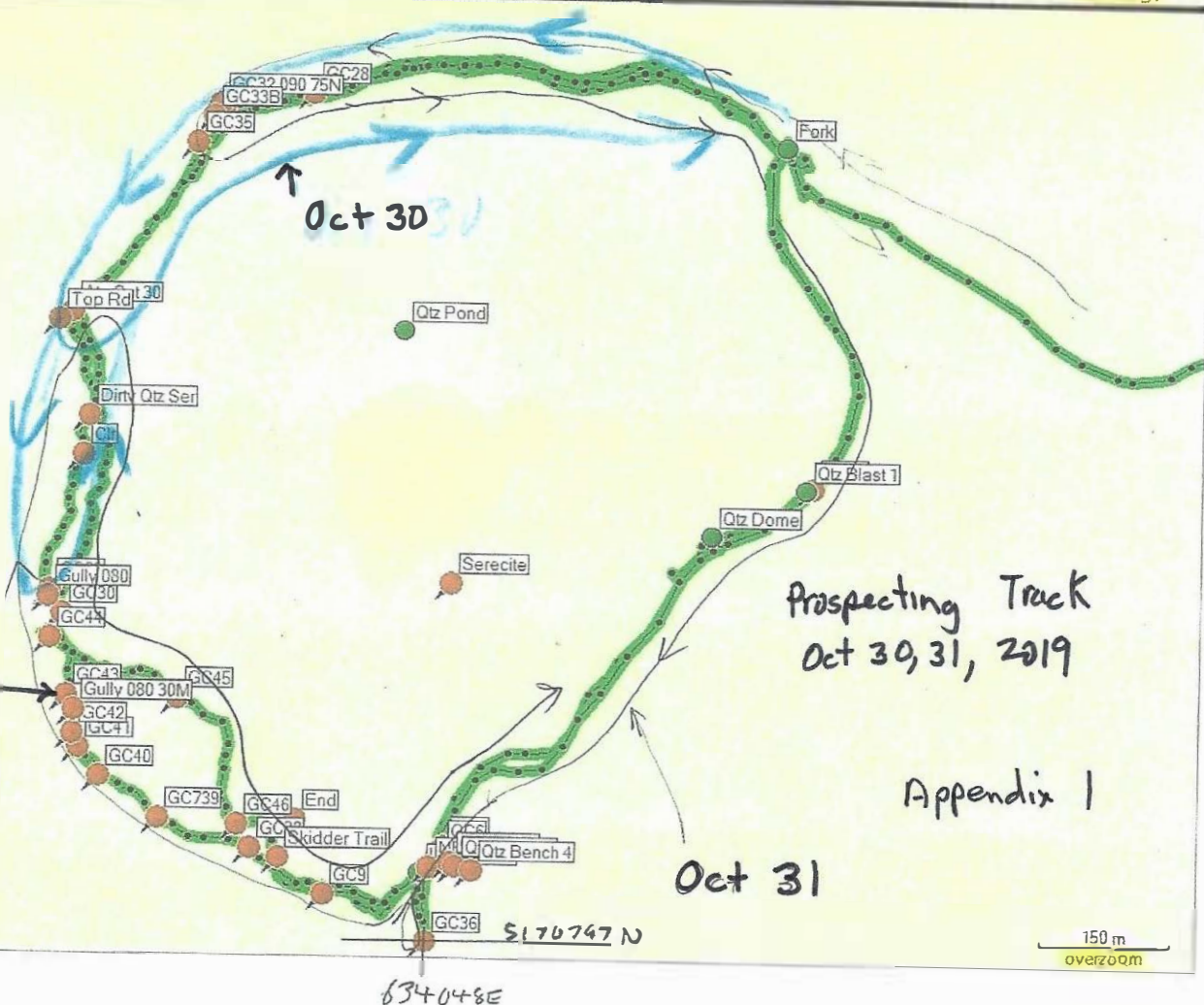
Prospecting Track
Oct 28, 2019

30m
overzoom



Prospecting Tracks
October 30, 2019

Oct 30 50 m
overzoom



Prospecting Track
Oct 30, 31, 2019

Appendix 1

Oct 31

Sample Number

150 m
overzoom

Appendix 2

SGS Labs - XRF Major Element Whole Rock Results



Certificate of Analysis
Work Order : LK1902080
[Report File No.: 000023105]

Date: December 13, 2019

To: **Gregory Campbell**
COD SGS MINERALS - GEOCHEM LAKEFIELD
Precambrian Ventures Ltd.
ON

P.O. No.: -
Project No.: PRECAMBRIAN_VENTURES
Samples: 21
Received: Nov 16, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
21	G_WGH79	Weighing of samples and reporting of weights
21	G_DRY10	Dry samples to 3.0kg, 105°C
21	G_CRU21	Crush to 3kg, 2mm, 75% passing
21	G_PUL56	Pulverize, Tungsten Carbide Bowl, <100g
21	GO_XRF76V	@Ore grade Borate fusion, XRF (0.5g plus 1g LOI)

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Assays not suitable for commercial exchange.

Certified By :

Tom Watt
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@LOI GO_XRF76V %	@SiO2 GO_XRF76V %	@Al2O3 GO_XRF76V %	@Fe2O3 GO_XRF76V %	@MgO GO_XRF76V %	@CaO GO_XRF76V %	@K2O GO_XRF76V %
GC-1	2.600	0.342	98.1	0.59	1.09	<0.01	0.02	0.17
GC-2	2.674	0.0198	97.4	0.60	1.75	<0.01	0.04	0.18
GC-4	2.458	0.462	99.2	0.39	0.20	0.03	<0.01	0.11
GC-6	1.388	0.476	97.4	1.05	0.14	<0.01	<0.01	0.30
GC-8	2.601	0.544	96.9	0.66	0.16	<0.01	<0.01	0.18
GC-9	1.333	1.21	97.3	1.07	0.18	<0.01	<0.01	0.33
GC-15	2.676	0.742	98.5	0.83	0.14	<0.01	<0.01	0.24
GC-17	0.794	0.439	97.5	0.68	0.19	<0.01	<0.01	0.20
GC-25	1.435	0.357	98.8	0.36	0.24	<0.01	<0.01	0.10
GC-20	1.932	0.623	98.3	0.65	0.20	<0.01	<0.01	0.20
GC-23	0.748	0.533	98.9	0.32	0.14	<0.01	<0.01	0.07
GC-26	2.633	0.507	98.3	0.95	0.11	<0.01	0.01	0.20
GC-30	2.057	0.867	94.6	2.89	0.34	0.06	<0.01	0.92
GC-31	1.326	0.657	93.5	3.71	0.58	<0.01	0.01	0.40
GC-33B	1.830	0.740	94.1	4.12	0.38	<0.01	<0.01	0.30
GC-35	3.035	0.703	91.9	5.14	0.83	<0.01	<0.01	0.54
GC-36	5.807	0.472	98.9	0.53	0.11	<0.01	<0.01	0.17
GC-39	0.879	0.550	97.3	1.13	0.17	0.02	<0.01	0.34
GC-40	1.438	0.426	98.2	0.73	0.15	<0.01	<0.01	0.23
GC-43	1.225	0.290	98.5	0.55	0.21	<0.01	<0.01	0.16
GC-44	2.089	0.577	96.1	2.04	0.35	0.03	<0.01	0.66
*Blk BLANK		100.0	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
*Rep GC--8		0.475	98.2	0.64	0.16	<0.01	<0.01	0.19
*Std OREAS-751		0.646	71.1	15.8	2.40	0.50	1.06	2.90
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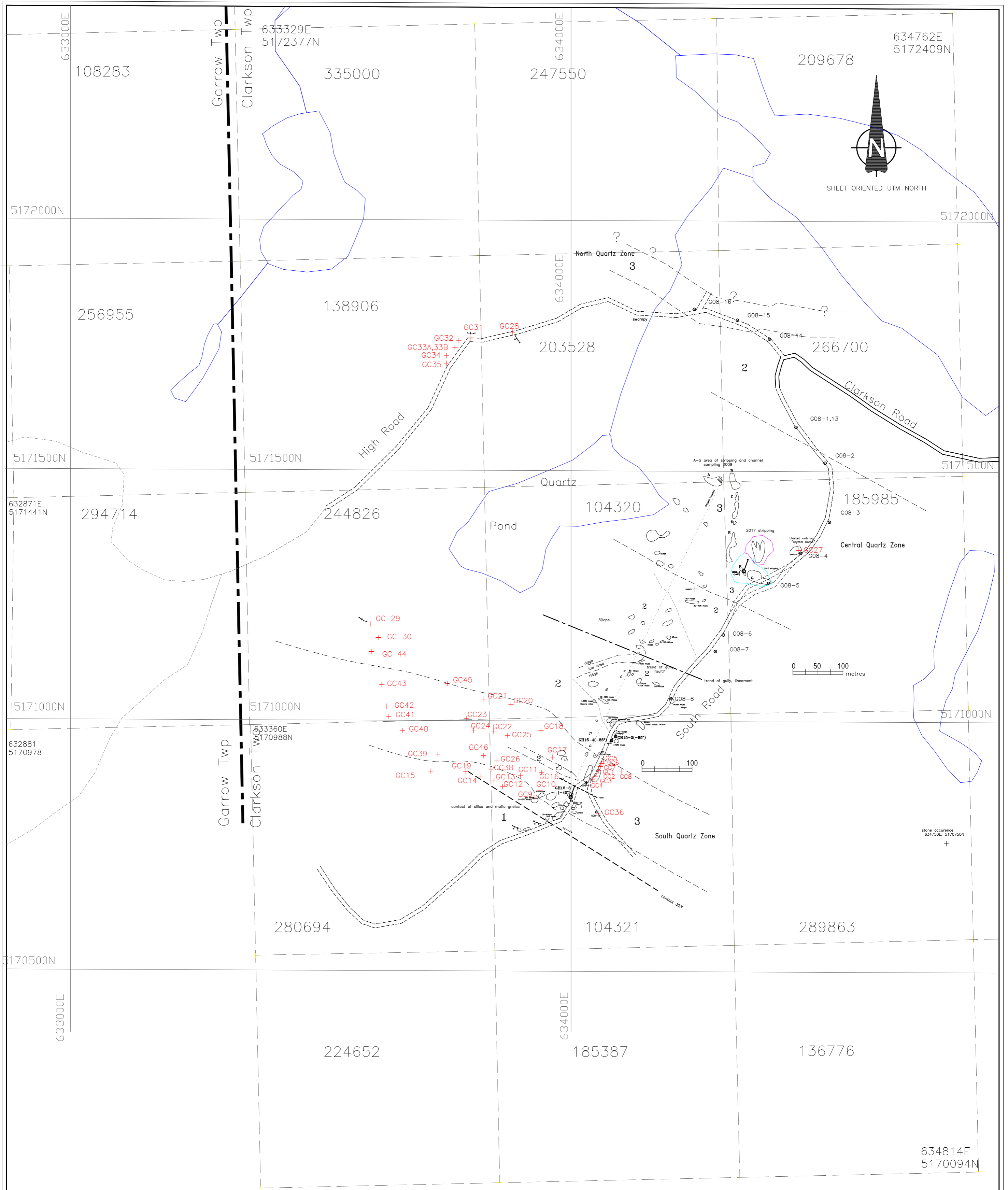
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Element Method Det.Lim. Units	@Na2O	@TiO2	@MnO	@P2O5	@Cr2O3	@V2O5	Sum
	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V	GO_XRF76V
	0.01	0.01	0.01	0.01	0.01	0.01	0
	%	%	%	%	%	%	%
GC--1	<0.01	0.04	0.01	0.02	<0.01	<0.01	100.3
GC--2	<0.01	0.03	0.02	0.04	0.01	<0.01	100.1
GC--4	<0.01	0.03	<0.01	0.01	0.03	<0.01	100.5
GC--6	0.02	0.05	<0.01	0.02	<0.01	<0.01	99.5
GC--8	<0.01	0.03	0.01	0.01	<0.01	<0.01	98.5
GC--9	0.02	0.05	<0.01	0.01	0.01	<0.01	100.2
GC--15	0.01	0.03	<0.01	<0.01	0.02	<0.01	100.5
GC--17	<0.01	0.05	<0.01	0.01	0.01	<0.01	99.1
GC--25	<0.01	0.03	<0.01	0.01	0.01	<0.01	99.9
GC--20	<0.01	0.03	<0.01	0.02	<0.01	<0.01	100.0
GC--23	<0.01	0.03	0.03	0.01	<0.01	<0.01	100.0
GC--26	<0.01	0.03	<0.01	0.01	0.01	<0.01	100.2
GC--30	<0.01	0.08	<0.01	0.02	<0.01	0.01	99.8
GC--31	0.02	0.08	<0.01	0.08	0.01	<0.01	99.1
GC--33B	0.04	0.10	<0.01	0.03	0.03	<0.01	99.8
GC--35	0.02	0.10	<0.01	0.05	<0.01	<0.01	99.3
GC--36	<0.01	0.03	<0.01	0.01	0.02	<0.01	100.2
GC--39	<0.01	0.05	<0.01	0.01	<0.01	<0.01	99.6
GC--40	<0.01	0.03	<0.01	0.01	<0.01	<0.01	99.8
GC--43	<0.01	0.03	<0.01	0.02	0.01	<0.01	99.8
GC--44	<0.01	0.11	<0.01	0.02	0.01	0.01	99.9
*Blk BLANK	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	100.0
*Rep GC--8	<0.01	0.04	<0.01	0.02	<0.01	<0.01	99.7
*Std OREAS-751	3.43	0.24	0.09	0.27	<0.01	<0.01	98.5
*Blk BLANK	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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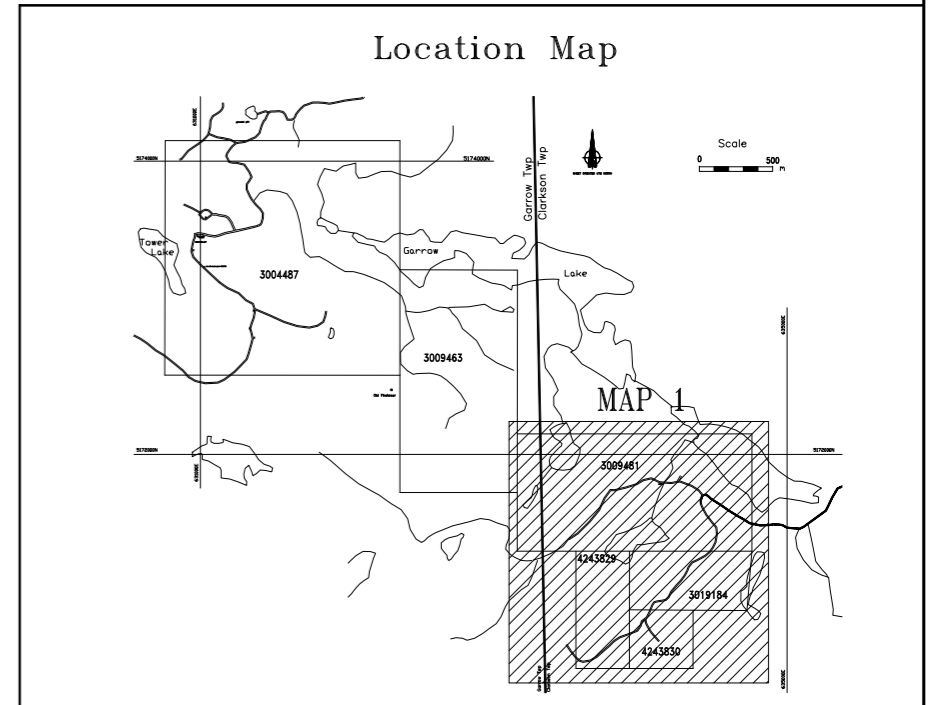
Symbols

- cell claim line
- 224652 claim number
- seasonal road
- ATV trail
- winter trail
- o vertical percussion drill hole
- geological contact, inferred
- ↑75 foliation, dip
- + x outcrop
- area of mechanical stripping 2017
- +GC15 sample number, 2019
- muscovite
- qtz quartz

Legend

- 3 massive grey-white quartz (generally >98% SiO₂)
- 2 micaceous quartzite, quartz mica schist
- 1 dark banded to gneissic metasedimentary rock

Scale



Precambrian Ventures Ltd.

MAP 1
Glass Hills Silica Project
Prospecting Sample Locations
Garrow and Clarkson Townships

Date: November 10, 2019	NTS: 31L/11
Drawn By: GC	File: ProspectSampleLocation2019.dwg

