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

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



Assessment Report

On

2017 Overburden Stripping Programme on the Central Quartz Zone, Claim S03009481

The Glass Hills Silica Property

for Precambrian Ventures Ltd.

Garrow and Clarkson Township

NTS 31L/11

Sudbury Mining District

Survey Dates: September 24, 2015 to October 31, 2017

Gregory Campbell, MSc.

October 31, 2017

Table of Contents

		Page						
Summ	агу	3						
1.0	Introduction	3						
2.0	The Glass Hills Property	3						
3.0	Ownership	3						
4.0	Location and Access	3						
5.0	Work Programme	3						
6.0	Previous Work	5						
7.0	Geology	8						
8.0	Mechanical Overburden Stripping							
9.0	Personnel							
10.0	Results and Discussion.	8						
11.0	References	9						
	List of Figures							
Figure	Location of the Glass Hills Property	6						
Figure	2 Claim Map and Location of Stripping	7						
	List of Tables							
Table	1 Mining Claim Client Report for the Glass Hills Property	,4						
	List of Maps							
Map 1	Geology and Area of Overburden Stripping, Scale 1:2,500	.pocket						

Summary

During the period from September 25 to October 4, 2017, a programme of overburden stripping was conducted on the Central Quartz Zone of the Glass Hills Property in preparation of taking a large sample for metallurgical testing. During this period a total of 63 hours of machine time was spent and an area of approximately 2,300 m² was stripped of overburden.

1.0 Introduction

On September 26, an excavator was mobilized to the property to conduct overburden stripping operations. This work was concentrated on the Central Quartz Zone (CQZ) adjacent the South Road. This work was done under Exploration Permit PR-13-10217R.

2.0 The Glass Hills Property

The property consists of 50 units in 9 claims, totaling about 800 ha (1,977 acres approx.). The claims are located in Clarkson (G1717) and Garrow Lake (G1726) Claim Sheets, Sudbury Mining District and are numbered 03009481 (10 units), 3019184 (2 units), 4243829 (2 units), 4243830 (1 unit), 03009463 (8 units), 3004487 (16 units), 4278940 (2 units), 4278941 3 units) and 4278942 (6 units.) - see Figure 2. The later 3 claims were added in 2017 and are known as the East Property Addition.

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 make up the property.

4.0 Location and Access

The Glass Hills Property is a high grade silica prospect located about 66 km by road 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 about 7.6 km from Highway 63 and extends 7 km onto the southern part of the property where it intersects a seasonal bush and ATV road that is referred to as the South Road (Figure 1 and 2).

5.0 Work Programme

During the period from September 25 to October 4, 2017 a programme of overburden stripping was conducted on the southern boundary of Claim 03009481. A total of 63 hours of time was spent using a Diawoo 220 Excavator to clear overburden in preparation for taking a large sample of quartz for metallurgical testing.



Ministry of Northern Development and Mines

HOME

MINES AND MINERALS IZ

NORTHERN DEVELOPMENT IF

NEWS C

SITE MAP

CONTACT US

Mining Claim Client Reports

| Main Menu | Back |

SUDBURY Mining Division - 400124 - PRECAMBRIAN VENTURES LTD.

Township / Area	Clai m Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
AKKSON	03009481	∠006-Sep-28	2018-Sep-28	A	100 %	\$4,000	\$40,000	\$0	\$0
CLARKS ON	3 0 9 1 8 4	2006-Dec-21	2020-Dec-21	A	100 %	\$800	\$9,600	\$0	\$0
CLARKSON	4243829	2008-Aug-05	2020-Aug-05	Α	100 %	\$800	\$8,000	\$0	\$0
CLARKSON	4243830	2008-Aug-05	2020-Aug-05	А	100 %	\$400	\$4,000	\$0	\$0
CLARKSON	4278940	2015-Sep-29	2017-Dec-29	Α	100 %	\$800	\$0	\$0	\$0
CLARKSON	4278941	2015-Sep-29	2017-Dec-29	А	100 %	\$1,200	\$0	\$0	\$0
CLARKSON	4278942	2015-Sep-29	2017-Dec-29	Α	100 %	\$2,400	\$0	\$0	\$0
GARROW	03009463	2006-Sep-28	2017-Dec-29	Α	100 %	\$3,200	\$28,800	\$0	\$0
GARROW	3004487	2006-Sep-28	2017-Dec-29	Α	100 %	\$4,233	\$59,767		\$0

Mines and Minerals 🗹

| Northern Development ☑ | Ring of Fire Secretariat ☑ | News ☑ Site Map | Contact Us

This site is maintained by the Government of Ontario, Canada.

Accessibility & Privacy & Term of use &

Copyright information: © Queen's Printer for Ontario, 2015 3

Table 1

Mining Claim Client Report for the Glass Hills Property

6.0 Previous Work

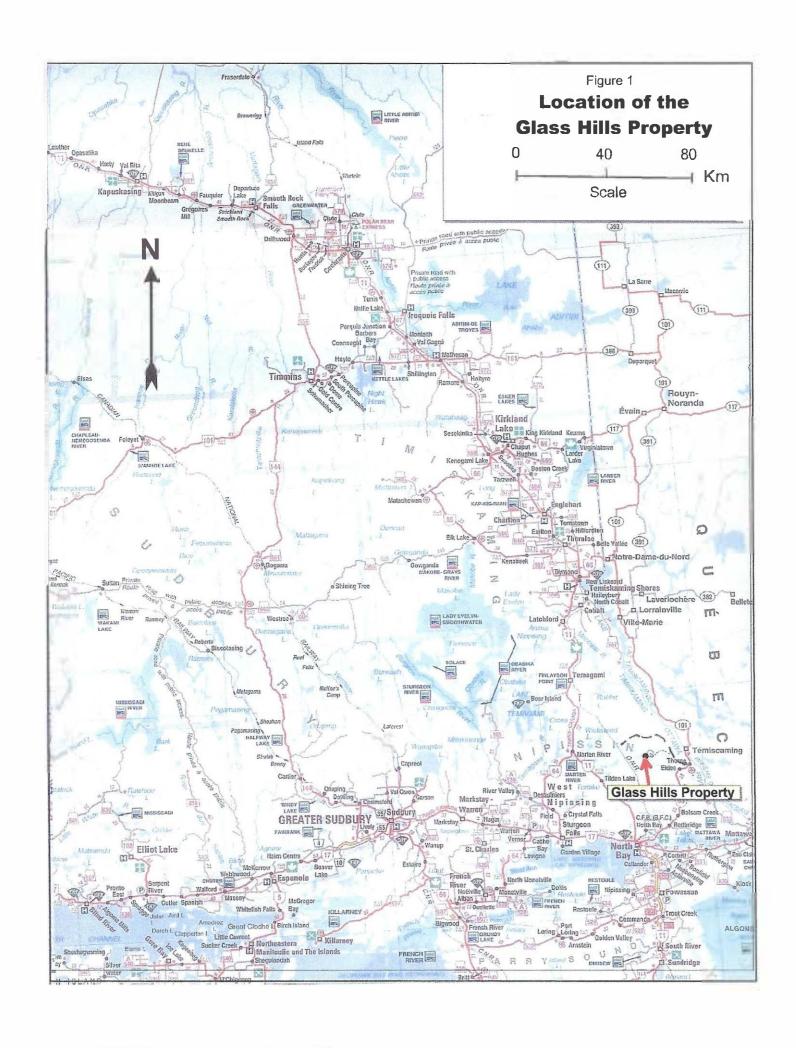
On October 7, 2007, a 10 km x 10 km IKONOS satellite image with a 1 metre resolution was commissioned for the area from Photosat Information Ltd. to provide a 1:5,000 scale basemap.

In 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.

In 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. 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 Al_2O_3 and K_2O from the samples however there was no significant reduction in Fe content.

In 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 were sent to various dealers as well as the Stone Expo and Coverings Trade Show in Orlando Florida.

In July of 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 outcrop in the main work area in the Central Quartz Zone. A small drill programme of 4 holes totalling 82.2 metres tested 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.



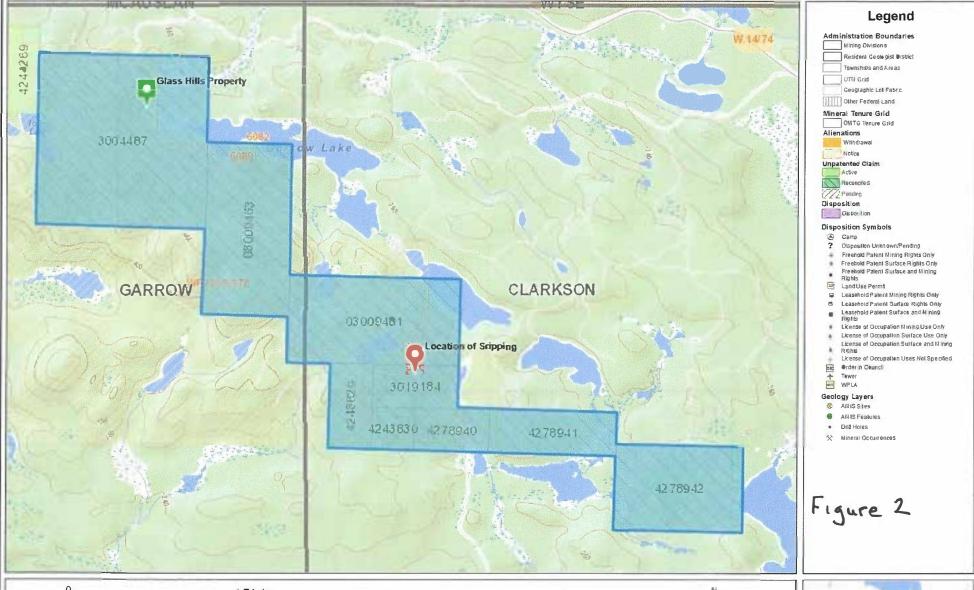
Ontario

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

Location of Stripping

Notes:

Glass Hills Property Garrow and Clarkson Townships



1.74 km

The Ontario Ministry of Northern Development and Mines shall not be liable in any way

for the use of, or reliance upon, this map or any information on this map. This map should not be used for: navigation, a plan of survey, routes, nor locations.

Projection: Web Mercator

Imagery Copyright Notices: Ontario Ministry of Natural Resources and Forestry; NASA Landsat Program; First Base Solutions Inc.; AéroPhoto (1961) Inc.; DigitalGlobe Inc.; U.S. Geological

@ Copyright for Ontario Parcel data is held by Queen's Printer for Ontario and its licensors and may not be reproduced without permission.



@ Queen's Printer for Ontario, 2016

7.0 Geology

The Glass Hills Silica property is located in Tomiko Terrane which occurs in the Grenville Geological Province of the Canadian Shield. 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 of quartzose and feldspathic metasedimentary rocks with minor calc-silicate gneiss, iron formation and marble.

The main zones of interest are three (3) northwest trending units of massive quartz/quartzite consisting of pure, translucent, glassy, coarse grained, massive, grey-white quartz. The 3 zones of silica-rich rock on the property are referred to as the North, Centre and South Quartz Zones and they extend across the property for a distance of approximately 3.8 km. Silica values often range from 98.0-99.0% SiO2. Of secondary interest are the mica-bearing quartzite units lying peripheral to the quartz units and may display attractive shades of red or green colouration.

Work has concentrated on the Central Quartz Zone which is about 325 metres thick. Contaminant minerals are generally scarce and consist of muscovite and a dusty metallic grey, Fe-oxide believed to be specular hematite or magnetite and small splashes red iron oxide on the weathered surface.

8.0 Mechanical Overburden Stripping

Fred Conlin of North Bay moved the Excavator by float on September 25, 2015 to the property via the Clarkson Road. The excavator and was then demobilized on October 4, 2017. The machine was a Daiwoo Model 220 excavator and it was 'walked-in and out' of the property from part way along the Clarkson Road. The 'mob-demob' operation took approximately 7 hours. The operator was James Belland of Kipiwa, Quebec and work was concentrated northeast of Drill Hole GH 15-01 located on claim 03009481, near the claim's southern boundary. A total of 63 hours was spent (including mob and demob time) and an area of about 2,300 m² was cleared exposing more outcrop in the area.

The southwestern edge of the area stripped was located at UTM Zone 17 634365E, 5171315N which is marked by a small blue 'x' on Map 1.

9.0 Personnel

Greg Marsh Site Manager Toronto
Gerry Belland Excavator Operator Kipiwa
James Belland Mechanic/Helper Kipiwa
Brandon Jones Helper Temiscaming

10.0 Results and Discussion

Approximately 2,300 m² stripped of vegetation and overburden. Outcrop in the area exposed is elongated in a direction of 350° azimuth. The bedrock topography was surprisingly steep-sided with a cleavage at 350° 60°W. Outcrop exposed was a white-greyish variety of pure coarse grained quartz that exhibits a sheen caused by minor white mica along fracture surfaces. More stripping is required to the west and it is necessary to locate areas where the underlying bedrock topography is smoother.

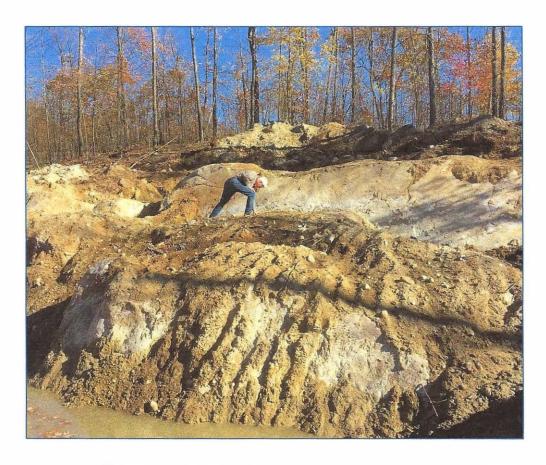


Photo Looking northeast with Outcrops Stripped of Overburden in Foreground -note the prominent cleavage in outcrops dipping towards, or southwest, to the viewer.

11.0 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 a 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.

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.

