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ASSESSMENT WORK REPORT (Reconnoitering , layout .sampling)

CLAIM # 3004077 - AFTON TWP. SUDBURY MINING DIVISION.

NTS 41-I/16.

AUGUST 2016.

(Registered Mining Claim Holder : Daniel Ankomah)

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INTRODUCTION.

In early December 2015, the prospecting group Trefstone Corp. was asked by claim holder Daniel Ankomah to review previous analytical work carried out on a two unit mining claim (#s 3004077/4261950), located in Afton Township, Sudbury Mining Division, and to develop a work program to detail areas of quartz suitable for specific market segments.

Following the review , it was determined that a phased program should be designed/planned for field work to be carried out in 2016.

The program developed was aimed to determine/investigate if quartz on the property would qualify for the polyconcrete and or silicon metal markets.

LOCATION AND ACCESS.

The subject property is located in Afton Township (claims #3004077/4261950), and is reached by going from Sudbury, travel east along HWY 17 to Verner, a distance of 63 km. Turn left at this point and follow HWY 539 northerly for 19 km to Field. Continue north and west for 15 km to River Valley. Continue north from River Valley to a bridge at about 37 km. At this junction keep left and travel 21 km to a fork in the road, then turn right **9** travel for 1 km, and then turn right again and travel for 2.5 km to reach the NW part of Claim 3004077, the quartz area.

TOPOGRAPHY.

The topography features elevated areas of weather resistance outcrops and lower drift covered areas. Vegetation is second growth , mixed forest`(poplar, spruce , cedar , jackpine).

PRELIM GEOLOGY OF THE PROJECT AREA.

The quartz body

occurs in an area underlain by metavolcanics , metasediments , nipissing diabase , and fine grain gabbro.

The area shows faulting , folding , and dips are flat to moderate.

The metavolcanics are felsic to mafic , and appear as massive flows. Metasediments are granitic with a matrix of some dark rock types.

Diabase here is gabboric , mostly fine grained , and with areas of green stone.

PREVIOUS ANALYTIC DATA(2002-2004) - specific elements.

Random chip sample avg. values from the central part of the project area:SiO2Al2O3TiO2Fe2O3P8 72O 76O 76O 028O 028

98.73 -99.76 0.038 -0.59 N.D. 0.03 - 0.26

PHASED PROGRAM / EVALUATION

It was determined that this phase of the evaluation program would include :

- Reconnoitering of the quartz body, by the project team, Dan Ankomah, Ed Rose and Steve Gossling
- Layout control way points/sample points on aomposite selected part of the body
- Field identification of " waste rock types contain within the quartz
- Collect samples from the area represented by the way points/sample locations .
- Prepare and log details related to the composite samples made from the chip samples collected
- Mix the composite to provide statistically valid representation of the quartz section
- Quarter and select segmented portion from each quarter . Composite portions from each quarter , mix well , quarter again , then prepare equal amounts of material from each quarter for lab analysis

PROGRAM DETAILS

The project team traveled from Sudbury to the subject site on May/21/2016. Reconnoitering of the quartz section selected for study, suggests that the body was deposited in a shear zone, which resulted from volcanic activities.

The quartz is for the most part milky - white with opaque and translucent sections. some spotty , isolated sections are tinged blue and green.

The milky color is the result of fluid , gas , liquids , and bubbles trapped in the crystal fabric. Blue tinge be caused by amphibole inclusion , while the green tinge chlorite as seen in outcrops of shear diabase .

Signs of low grade metamorphism (green schist), and medium to high grade metamorphism (amphibolite), suggest that the quartz is not of one age. The gaseous inclusions suggests that the milky quartz was deposited first, and at a higher temperature.

The way point/sample points , were established based on observations (of quartz quality) made during reconnoitering.

Ten pound bulk composition samples were chipped from the vicinity of each sample point , and at the same distance from the center point.

A total of three bulk composition samples were collected for preparation and delivery for lab analysis.

SAMPLE PREPARATION

Each of the bulk composition sample was again quartered , and a quarter of each quarter (2.5 lbs) was physically examined , logged , then packaged and submitted for lab analysis.

| FIELD SAMPLE ID. | LOG. |
|--|--|
| # 149 - 5198662N/545993E - | Grey - white to milky - colorless sections . |
| slight - blue green tinge, | , |
| AGAT LAB ID: AQ-IA | chlorite and |
| amphibole specks , gas ,liquid inclusions. | |

| # 150 - 5198590N/546101E | White , |
|---|----------------|
| translucent ,amphibole/mica specks , gas ,liquid inclusion, | , |
| AGATE LAB ID: AQ -2A | Shared diabase |
| inclusion. | |
| | |
| | |

| # 150 A - 5198615N/546025E | Milky - opaque . |
|--|------------------|
| gas - liquid and altered chlorite inclusions , | ·····, ·······, |
| MNDM LAB ID - 1 and 2 (split sample) | scattered blue - |
| green tinge. | |

LAB ANALYSIS. (SEE APPENDIX # 1).

Two bulk composition samples from the selected quartz section examined were analyzed by the MNDM. Two other quartz samples and a random magnetite float, which could be from the altered diabase were analyzed by Agate. Results are in Appendix 1.

PROJECT COST/EXPENDITURES.

Daniel Ankomah(claim owner), Steve Gossling, Ed Rose(Trefstone Corp) - Field reconnoitering - point layout- sampling - prepare bulk composition samples, sample delivery to labs, and project report.

| May 21/2016 - | | 7:30 |
|------------------|---------------------------------------|------|
| a.m - 10: 00 p.r | n. = 14.5 hrs x \$185:00 = \$2682:50. | |
| | Travel -Sudbury - site - return | |
| | = 640 km x \$0.50:00 = \$ 320:00. | |

Aug. 11/2016 - AGAT LAB -INVOICE #16288224M . -----

-= \$152:56

NB. Total payment made to Trefstone Corp. from amount held in account from Daniel Ankomah, the claim holder. -----TOTAL = \$3155:06

CONCLUSION AND RECOMMENDATION

The sample results received together with field observations indicate that the quartz would qualify for the poly concrete market . However strict quality control would need to be employed to avoid material containing gabbroic - diabase , and amphibole inclusions.

More field and lab work will be require to address the other market. The Fe and Al values could be from the amphibole, which suggests that after more field mapping, mineralogical study should be carried out. It will be also important to determine if inclusions in the quartz are syngenetic or epigenetic. Based on results received from the labs the raw sample material and associated lab results need to be closely examined, as variances do not compute. After further examination of the lab pulp and the raw sample, XRF re-analysis and ,ICP analysis are recommended.

ADDITIONAL INFORMATION

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AFTON TOWNSHIP CLAIM NG. 300 4077 & 4261950 DETAILED SAMPLE LOCATION MAP



Sep 18, 2016 19:42:00

6 C



Figure 1 -SAMPLING OUTCROP (GOSSLING)



Figure 2 – ALTERED QUARTZ







5623 McADAM ROAD MISSISSAUGA, ONTARIO CANADA L4Z 1N9 TEL (905)501-9998 FAX (905)501-0589 http://www.agatiabs.com

CLIENT NAME: MISC AGAT CLIENT ON, ON (403) ATTENTION TO: Steve Gossling PROJECT: AGAT WORK ORDER: 16T124031 SOLID ANALYSIS REVIEWED BY: Brandon Wang, Spectroscopy Supervisor DATE REPORTED: Aug 11, 2016 PAGES (INCLUDING COVER): 5

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

| 400750 | | |
|---------------|--|--|
| <u>*NOTES</u> | | |
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All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

| De - m | | |
|----------------|-----|--------------|
| | a G | T 1 |
| and the second | | Laboratories |

Certificate of Analysis

AGAT WORK ORDER: 16T124031 PROJECT:

5623 McADAM ROAD MISSISSAUGA, ONTARIO CANADA L4Z 1N9 TEL (905)501-9998 FAX (905)501-0589 http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON

| CLIENT NAME: MISC AGAT CLIENT ON | | | | | | | | | ATTE | NTION TO: | Steve Gos | ssling | | http://www.aga | atlabs.com |
|----------------------------------|------------|-------|-----------------------------|----------|---------|-----------|----------|----------|----------|--------------|-----------|-------------------|-------|----------------|------------|
| | | | (201-67 | 6) Lithi | um Bora | te Fusior | ı - Sumr | nation o | f Oxides | , XRF fin | ish | | | | |
| DATE SAMPLED: Au | g 08, 2016 | | DATE RECEIVED: Aug 08, 2016 | | | | | DATE | REPORTE | D: Aug 11, 2 | 2016 | SAMPLE TYPE: Rock | | | |
| | Analyte: | AI2O3 | BaO | CaO | Cr2O3 | Fe2O3 | K20 | MgO | MnO | Na2O | P205 | SiO2 | TiO2 | SrO | V205 |
| | Unit: | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Sample ID (AGAT ID) | RDL: | 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 |
| AQ - 1A (7757331) | | 0.08 | < 0.01 | 0.03 | < 0.01 | 0.58 | 0.02 | < 0.01 | < 0.01 | 0.03 | < 0.01 | 98.9 | <0.01 | <0.01 | <0.01 |
| AQ - 2A (7757332) | | 0.05 | < 0.01 | 0.04 | <0.01 | 0.46 | 0.02 | < 0.01 | < 0.01 | 0.03 | <0.01 | 99.2 | <0.01 | <0.01 | -0.01 |
| SF - 4 (7757333) | | 0.27 | <0.01 | 0.74 | <0.01 | 40.1 | 0.03 | 0.91 | 0.03 | 0.02 | 0.10 | 58.3 | 0.01 | <0.01 | < 0.01 |
| | Analyte: | LOI | Total | | | | | | | | | | | | |
| | Unit: | % | % | | | | | | | | | | | | |
| Sample ID (AGAT ID) | RDL: | 0.01 | 0.01 | | | | | | | | | | | | |
| AQ - 1A (7757331) | | 0.11 | 99.8 | | | | | | | | | | | | |
| AQ - 2A (7757332) | | 0.11 | 99.9 | | | | | | | | | | | | |
| SF - 4 (7757333) | | 0.16 | 101 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

Comments: RDL - Reported Detection Limit

Certified By:

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ZA

AGAT CERTIFICATE OF ANALYSIS (V1)

Results relate only to the items tested and to all the items tested

Page 2 of 5



Quality Assurance - Replicate AGAT WORK ORDER: 16T124031 PROJECT: 5623 McADAM ROAD MISSISSAUGA, ONTARIO CANADA L4Z 1N9 TEL (905)501-9998 FAX (905)501-0589 http://www.agatlabs.com

| LIENT NAME: MISC AGAT CLIENT ON | | | | | | | | ATTENTION TO: Steve Gossling | | | | | | http://www.agatiabs.com | | |
|---------------------------------|-----------|----------|-----------|---------|----------------|--------------|----------|------------------------------|--------|----------|--|--|---|-------------------------|--|--|
| | | | (2 | 01-676) | Lithium Borate | e Fusion - S | Summatio | n of Oxide | s, XRF | - finish | | | | | | |
| | | REPLIC | ATE #1 | | | | | | | | | | | | | |
| Parameter | Sample ID | Original | Replicate | RPD | | | | | | | | | 1 | 1 | | |
| AI2O3 | 7757331 | 0.08 | 0.07 | 5.4% | | | | | | | | | | | | |
| BaO | 7757331 | <0.01 | <0.01 | 0.0% | | | | | | | | | | + | | |
| CaO | 7757331 | 0.03 | 0.03 | 9.8% | | | | | | | | | | - | | |
| Cr2O3 | 7757331 | <0.01 | <0.01 | 0.0% | | | | | | | | | | | | |
| Fe2O3 | 7757331 | 0.58 | 0.59 | 1.5% | | | | | | | | | | | | |
| K2O | 7757331 | 0.02 | 0.02 | 8.3% | | | | | | | | | | | | |
| MgO | 7757331 | <0.01 | <0.01 | 0.0% | | | | | | | | | | | | |
| MnO | 7757331 | <0.01 | <0.01 | 0.0% | | | | | | | | | | | | |
| Na2O | 7757331 | 0.03 | 0.02 | 27.6% | | | | | | | | | | | | |
| P205 | 7757331 | <0.01 | <0.01 | 0.0% | | | | | | | | | | | | |
| SiO2 | 7757331 | 98.9 | 99.3 | 0.5% | | | | | | | | | | | | |
| TiO2 | 7757331 | <0.01 | <0.01 | 0.0% | | | | | | | | | | | | |
| SrO | 7757331 | <0.01 | <0.01 | 0.0% | | | | | | | | | | <u> </u> | | |
| V2O5 | 7757331 | <0.01 | <0.01 | 0.0% | | | | | | | | | | | | |
| LOI | 7757331 | 0.11 | 0.10 | 9.5% | | | | | | | | | | | | |

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Results relate only to the items tested and to all the items tested

Page 3 of 5



Quality Assurance - Certified Reference materials AGAT WORK ORDER: 16T124031 PROJECT: 5623 McADAM ROAD MISSISSAUGA, ONTARIO CANADA L4Z 1N9 TEL (905)501-9998 FAX (905)501-0589 http://www.agatlabs.com

CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Steve Gossling

| | (201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish | | | | | | | | | | | | | | |
|-----------|---|--------|-----------|------------|--------|--------|----------|------------|--|--|-------|---|---|------|--|
| | | CRM | #1 (sy-4) | | | CI | RM #2 | | | | | | 1 | | |
| Parameter | Expect | Actual | Recovery | Limits | Expect | Actual | Recovery | Limits | | | | Γ | | | |
| AI2O3 | 20.69 | 20.7 | 100% | 90% - 110% | | | | | | | | | 1 | | |
| BaO | 0.04 | 0.040 | 100% | 90% - 110% | | | | | | | | | 1 | | |
| CaO | 8.05 | 7.99 | 99% | 90% - 110% | | 0 | | | | | | | | | |
| Fe2O3 | 6.21 | 6.36 | 102% | 90% - 110% | | | | | | | | | | | |
| K2O | 1.66 | 1.67 | 101% | 90% - 110% | | | | | | | | | - | | |
| MgO | 0.54 | 0.538 | 100% | 90% - 110% | | | | | | | | | | | |
| MnO | 0.108 | 0.107 | 99% | 90% - 110% | | | | | | | | | | | |
| Na2O | 7.1 | 7.22 | 102% | 90% - 110% | | | | | | | | | | | |
| P2O5 | 0.131 | 0.126 | 96% | 90% - 110% | | | | | | | | | | | |
| SiO2 | 49.9 | 50.1 | 100% | 90% - 110% | | | | | | | | | | | |
| TiO2 | 0.287 | 0.294 | 102% | 90% - 110% | | | | | | | | | + | | |
| SrO | 0.1408 | 0.138 | 98% | 90% - 110% | | | | | | | | | + | | |
| LOI | | | | | 43.6 | 43.6 | 100% | 90% - 110% | | | · · · | | | | |

Results relate only to the items tested and to all the items tested

Page 4 of 5



5623 McADAM ROAD MISSISSAUGA, ONTARIO CANADA L4Z 1N9 TEL (905)501-9998 FAX (905)501-0589 http://www.agatlabs.com

Method Summary

CLIENT NAME: MISC AGAT CLIENT ON

PROJECT:

SAMPLING SITE:

AGAT WORK ORDER: 16T124031 ATTENTION TO: Steve Gossling

| SAMPLING SITE: | | SAMPLED BY: | |
|----------------|---------------|----------------------|----------------------|
| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
| Solid Analysis | | | |
| AI2O3 | MIN-200-12027 | | XRF |
| BaO | MIN-200-12027 | | XRF |
| CaO | MIN-200-12027 | | XRF |
| Cr2O3 | MIN-200-12027 | | XRF |
| Fe2O3 | MIN-200-12027 | | XRF |
| К2О | MIN-200-12027 | | XRF |
| MgO | MIN-200-12027 | | XRF |
| MnO | MIN-200-12027 | | XRF |
| Na2O | MIN-200-12027 | | XRF |
| P2O5 | MIN-200-12027 | | XRF |
| SiO2 | MIN-200-12027 | | XRF |
| TiO2 | MIN-200-12027 | | XRF |
| SrO | MIN-200-12027 | | XRF |
| V2O5 | MIN-200-12027 | | XRF |
| LOI | MIN-200-12021 | | GRAVIMETRIC |
| Total | MIN-200-12027 | | CALCULATION |





Geoscience Laboratories (Geo Labs) 933 Ramsey Lake Road, Bldg A4 Sudbury, ON P3E 6B5 Phone: (705) 670-5637 Toll Free: 1-866-436-5227 Fax: (705) 670-3047

| Issued To: Mr. D. Ankomah | | Certificate No: Certificate Date: | CRT-16-0157-02 8/11/2016 | | |
|-------------------------------------|------------------------------|--------------------------------------|-----------------------------|--|--|
| 1326 Hasting | is Cres | Project Number: | | | |
| Sudbury, ON | P3A 2R5 Canada | Geo Labs Job No.: 16-0157 | | | |
| Phone: | 647-455-1556 | Submission date: | 8/5/2016 | | |
| Fax: EMail: Client No.: | ankomahdan@yahoo.com 1568 | Delivery Via: QC Requested: | Mail Y | | |

Method Code reported with this certificate: GFA-PBG

| Method Code | Description | QTY | Test Status |
|-------------|---|-----|-------------|
| GFA-PBG | Gravimetric Fire Assay | 2 | Complete |
| SAM-SPG | Ball Mill Sample Preparation (Using Al Oxide Bowls) | 2 | Complete |
| XRF-M01 | XRF Major Elements | 2 | Complete |

Legend: < = Not Detected N.M. = Not Measured Please refer to the Geo Labs Job No. 16-0157 if you have any questions.

| CERTIFIED BY: | | |
|--|---|---|
| Ed Debicki, Laboratory Manager | Date: | Page 1 of 1 |
| Except by special permission, reproduction of thes | e results must include any qualifing remark Results are for samples as received. | ks made by this Ministry with reference to any sample |

GEOSCIENCE LABORATORIES CERTIFICATE OF ANALYSIS



Client: Ankomah Geo Labs JOB#: 16-0157 Date: 8/11/2016

Method Code: XRF-M01

| Client ID | AI2O3 | BaO | CaO | Cr2O3 | Fe2O3 | K2O | LOI | MgO | MnO | Na2O | P2O5 | SiO2 |
|-----------------|-------|--------|-------|-------|-------|------|------|------|--------|------|--------|-------|
| Units | wt% | wt% | wt% | wt% | wt% | wt% | wt% | wt% | wt% | wt% | wt% | wt% |
| Detection Limit | 0.02 | 0.004 | 0.006 | 0.002 | 0.01 | 0.01 | 0.05 | 0.01 | 0.002 | 0.02 | 0.002 | 0.04 |
| AQ-1 | 1.53 | <0.004 | 0.011 | 0.02 | 0.09 | 0.02 | 0.20 | 0.03 | 0.004 | 0.07 | <0.002 | 97.72 |
| AQ-2 | 2.11 | <0.004 | 0.102 | 0.02 | 0.13 | 0.26 | 0.32 | 0.04 | <0.002 | 0.91 | 0.017 | 95.58 |

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GEOSCIENCE LABORATORIES CERTIFICATE OF ANALYSIS



Client: Ankomah Geo Labs JOB#: 16-0157 Date: 8/11/2016 Method Code: XRF-M01

| Client ID | TiO2 | Total |
|-----------------|-------|-------|
| Units | wt% | wt% |
| Detection Limit | 0.01 | |
| AQ-1 | <0.01 | 99.71 |
| AQ-2 | <0.01 | 99.50 |

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