# APPLICATIDN FOR ASSESSMENT WORK CREDITS 

Ontario Mining Regulation 6/96, R 1.1, SECTIONS 3 (1) abb;c,d,e, page 1.11 section 16 (2) a,b,c,d- -- page 1.15 section 18.4

## SIBLEY SANDSTONE STRIPPING - UP-GRADING

 ACCESS TRAIL -- RE-CUTTING BOUNDARY LINESMINING CLAIMS -- TB 3016678, 4213089, 4213090

## McTAVISH TOWNSHIP: G-PLAN \# G-0701 (SIBLEY AREA)

NTS LOCATION: 52A 10 SE


DATE OF REPORT: JULY 16, 2008


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## Registered Owner

Mining Claims -- TB \#301 6678 - TB \#4213089 \& TB \#4213090 located in McTavish Township is registered (100\%) to Tony Robert Yozipovic of 1471 John Street Road., Thunder Bay, ON P7G 1H9 (Tel. 807-767-0835.


## LOCATION / ACCESS

The Sibley Sandstone property, contiguous Claims (\#s TB 3016678, TB 4213089 \& TB 4213090 is located approximately 50 Kilometres Northeast from Thunder Bay, ON, Figure 1, Location Sketch.

Access is via Hwy 11/17 east to Pass Lake Junction and thence south on Hwy. 587 Approximately 10 km over a CNR Railway crossing to the beginning of a colonization trail that travels northeast and branches off west and east to a dead end near the north end of Upper Pass Lake. At present only passable by four wheel Drive All Terrain Vehicle.

## General Geology \& History

Extensive research has determined there are no references or geological reports or detailed observations in regards to the Sibley Sandstone or Dolomite Deposits. Under these circumstances detailed filed work was employed to determine the area extent, quality testing and consistency of the sandstone.

Generally the Pass Lake Sandstone formation, part of the Sibley Group, is buff to pink quartz arenite (quartzose Arenite), red dolomite and red sandstone. The extreme north end of the area contains mafic intrusive rocks such as diabase and iron formation (taconite).

The buff formation is an extension of the Pass Lake Sandstone situated in the Sibley Peninsula, adjacent to, and south of Highway. 587, (Sibley Provincial Park Area).

Reference: Preliminary Geological Map P990 Mcllwaine, W.H., issued 1975.
The Pass Lake (Sibley) Buff and Red Dolomitic Sandstone is exposed to a height of 20 metres above the surrounding landscape along the CNR railroad tracks. Indications are that the body extends to 30 metres below the surface. The Red Dolomite is exposed on a cliff facing to the East.
The formation status for the three subdivisions of the Sibley Group: the Pass Lake Formation; (buff sandstone), Red Rock Formation; (red dolomite), and Kama Hill Formation (red sandstone)
Exposed beyond the cliff at the extreme western side of the area is a deposit of black shale of the rove formation and gravel deposit averaging 6 metres in height.

# DIMENSION STONE 

## Definitions

The term Dimension Stone refers to stone that is finished to specific dimension and shapes. Most commonly it is quarried in large rectangular blocks which are then sawed into slabs for finishing. No classification can completely eliminate overlap between dimension stone and decorative stone because most stone is multi-purpose. Rock otherwise considered waste in dimension stone quarries is used for decorative purposes or crushed to aggregate can be decorative stone coproducts..
Industrial Minerals are in a separate classification from dimension stone.

## Evaluation of Sandstone Deposits:

In order to properly evaluate a potential dimension stone deposit the initial factors being, the distance between fractures, cross fracturing, consistency, sheeting, tensile strength, size and depth of the deposit. Pegmatite, quartz and ferros are undesirable elements in a dimension stone deposit.
Sandstone with a high silica content is desirable because of its resistance to chemical corrosion and its favourable physical properties.

Other factors that determine quality is its size and shape, the overburden, the distance to markets, the kind of transportation available, the availability of labour, the availability of power and other utilities, and similar concerns.
Most of these requirements must be determined and most are unique to a dimension stone deposit.
The central location of Thunder Bay for proximity to markets, rail water and highway transportation, power and labour force puts Thunder Bay in a favourable position to compete in the market place. Our location of a good domestic replacement for high priced imports is highly desirable.

## MARKETABILITY

The marketability of dimension stone products is governed largely by aesthetic factors not subject to quantitative measurement. Aesthetic factors include colour, pattern and texture that must be consistent to be commercially desirable. Add- on-value is a necessary and immediate goal following the establishment of a market for dimension stone blocks by producing stone panels from a thickness of 20 to 100 mm , monumental stone, ashlar, split-faced ashlar, curbing and many other uses
would increase the value of the products. Sandstone curbing is superior in resistance to abrasion and weathering. High silica content sandstone is also used as a refractory brick.

## BIBLIOGRAPHY AND REFERENCES

Additions from following references:
Stone Catalogue, Building Stone Institute, Purdy, NY
US Bureau of Mines -- Dimension Stone
Dept. Of Energy and Mines- "Stone" Canadian Minerals Yearbook

## Previous Work

# SIBLEY SANDSTONE BLOCK EXTRACTION 

# An Application for Assessment Work Credits on Mining Claim \#TB 3016678 

Filed:
Date of Report: June 16, 2006

Balance in Reserve: \$ $\mathbf{6 4 2 . 7 2}$

## ASSESSMENT WORK - June 2008

## MCTAVISH TOWNSHIP

May 10, 2008

A road trip was taken by the Claim Holder, Tony Yozipovic, to check Secondary Road \#4 and trail conditions for equipment access following constant and severe rain storms in April, 2008. The access area near Road \# 4 is designated as a "Colonization Road" and not maintained by either the Municipality of Shuniah or the Ministry of Natural Resources. Development is nil and no habitation in the general area. Due to conditions in the area travel was postponed for several weeks.

May 29, 2008

## PROJECT GOAL AND PURPOSE

Stephen Hamer of Belham Limited, accompanied Tony Yozipovic (report writer) to the site located in McTavish Township to study the site conditions and access for the machinery. The purpose of the trip was to locate two or three suitable areas, preferably near a face for stripping to extract test blocks, under permit, of Dimension Stone size to determine fracturing, strike, sheeting and content analysis.
The access for the machines and equipment to the stripping area site begins on the West side of the CNR Kinghorn Subdivision (non-operational.).

It became evident by walking the overgrown trail, from the railroad line west for a minimum of 5 K one way to Upper Pass Lake and vicinity, that prior to proceeding with the project it was a priority to Up-Grade the trail.

## Trail Upgrade for Equipment Access

## June 9, 2008

Trip Cancelled because of unexpected heavy rainfall.

## Junc 11 \& 12/08 Main Trail

Approved Access: From secondary Hwy. 587 eastward for 1 Km . along the railroad bed To Section 6 Concession 12 McTavish Twp to the beginning of the existing trail. Two men hired with chain saws to upgrade the existing trail, on Both Sides, for 4 KM , To the North Side of Upper Pass lake.
The two men employed: Allan Stenlund and Anthony McRae.
The area is 20 metres above the surrounding landscape, no habitation or development. Over the years the trail has been encroached with red alders and brush. High and thick growth on sides of the trail of $2 "$ mountain Ash, arching over and joining in the centre on both sides of the trail.
It was necessary to upgrade the access trail for the large machines and vehicles.

## Secondary Trail

June 20, 2008 7AM -- Completed 5.30 pm
An Extension from the Main Trail was upgraded from North end of Upper Pass Lake using chain saw to the \#2 Corner Post on the South -East corner of Section 11 Concession 7, Claim \#3016678.
Thence proceeding to Re-Cutting Boundary Lines by blazing Posts Front \& Rear with flagging tape at visible distances on the perimeter of the claim.

Total Distance from Upper Pass Lake to \#2 Corner Post ------------ 1 km .
Total Distance in Re-Cutting Perimeter of Boundary Line -..-----..- $\quad 3 \mathrm{kms}$


# "SUPERHOE" - Owner operator- Stephen Namer- <br> "SKIDPER"- Owner- Stephen Hamer <br> Operator - S. Hamer, Employee <br> Half-Ton Trucks -- 2 <br> 600 c.c. Yamaha All Terrain Vehicle with front blade. <br> Coleman - 3750 KW Portable Generator <br> Bosh - Rotary Hammer Drill, 1" carbide tungsten Core Bits with 18' $^{\prime}$ Extension Shaft. <br> Chain Saws -- 3 <br> Still Brush Cutter with 8' Blade 

JULY 20, 2008 STRIPPING

Equipment Cost: $\$ 120.00$ per hour for 2 machines with two operators.
Time : 6.30 am to 8 pm - one day
Hourly rate applies to mobilization and demobilization from source.

Belham Limited (Stephen Hamer) arrived at Pass Lake, Hwy 587 at 6.30 am to the access area site with 2 machines, "Superhoe" and Skidder. The most suitable area selected was near Upper Pass Lake because of a flat exposed area in proximity of an exposed face.
An area was stripped exposing a flat sandstone surface with overburden generally 15 cm thick. During the stripping process an unexpected intrusion of Siltstone was encountered In an North-South direction across the Sandstone at an undetermined depth but exposed by the machine a minimum of 1 metre.

Preliminary Geological Map P 990, McTavish Township (southern half) appears to be the only map available for the area regarding Sandstone broad in scope. Field work is required to define boundaries relative to the buff and red sandstone and red dolomite.

Test stripping became necessary in the southern area of the claims in determining the extent and boundary of interbedding with slate and red dolomite with the buff sandstone. The results determined the limits of the intrusions and where to proceed for extracting core samples.

Siltstone was not encountered on the west side of the intrusion. However the stripping was completed and the machines performed in clearing and leaving the site to conform with the area topography.


## LIST OF PERSONNEL

Anthony McRae (Up-Grading Trail and Field Work)<br>1457 John Street Road<br>Thunder bay, ON P7G 1H9<br>Ph. 807-767-7566<br>Belham Limited, Stephen Hamer, (owner)<br>P.O. Box 25 ,<br>Kaministiqua, ON P0T 1X0<br>807-933-4394<br>Employee ( Stephen Hamer)<br>Skidder Operator<br>807-933-4394<br>Allen Stenlund (Up-Grading Trail and Field Work)<br>189 Ray Boulevard<br>Thunder Bay, ON 807-345-1609<br>Tony Yozipovic (Claim Owner) (Supervision, Field Work)<br>1471 John Street Road<br>Thunder Bay, Ontario P7G 1H9<br>807-767-0835

## REFERENCES

Preliminary Map: P-990

Geological Series
Geology 1971, 1972

## McTavish Township (Southern Half)

District of Thunder Bay, ON

## Statement of Qualifications

- Holder of Prospector's Licence from 1960 to Present
- Possess extensive Geological Library of Ontario Ministry Of Mines Reports and Summary Report, Ontario Bureau of Mines out-of -print reports from circa 1870 and Federal Geological Survey Reports including an Annotated Catalogue Index dating from 1845.
- Graduate in Geology from Lakehead Technical Institute Under Instructor Trevor Page.
- Real Estate Broker in Commercial Finance.
- Most Recent, Administrator for Ontario Ministry of Housing, Legal and Financial Division.


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## Re: TONY YOZIPOVIC

Transaction Number: W0940.01611

## EXPLANATION OF Locations 2 \& 3 in SUBMISSION IN 2008 (MAP 2.38919) (SEE EXHIBIT "A")

DATE OF FIELD WORK: May 29, 2008
PURPOSE OF TRIP: Exploratory to find an alternate access to locate sandstone on east limit of TB3016678 and in an area of TB4213089. Assessment work was required on Claim TB 3016678. There is an existing road from the west limit of Claim TB 3016678, however the surface rights holder would not allow access on existing road to travel to east limit of TB3016678.
Therefore it was necessary to locate another access route off Hwy 587 northerly through bush. Purpose was to locate a suitable site to bring in heavy equipment/machinery for stripping purposes.

EQUIPMENT USED: Truck and Yamaha 600 CC Quad with Blade

WORKERS: 2 men

WORK PERFORMED: In order to access TB 3016678 from the north, a route was travelled by truck (loaded with the quad) from Highway 587 - north up \#4 Road (4.5km)- thence in a westerly and northerly direction on a dirt road that looped around to northerly limit of Claim TB4213089.
At this point, workers encountered swampy areas not suitable for heavy equipment to access the east limit of TB3016678. It was decided at this point, to strip Locations $2 \& 3$ (refer to Exhibit " $A$ ")with the blade on the Yamaha 600 CC quad to remove light overburden to see quality of stone underneath and substantiate exploratory work.

RESULT: Surface quality of stone was suitable, however access for heavy machinery was not possible to due swampy areas. Cost to build a road would be unfeasible.

Therefore it was determined to locate another access route from the south ,on a trail north to TB4213090 and further determine if possible to proceed north with machinery to TB3016678. Stripping to be done on TB4213090. Also trail widening would be required to access TB4213090 as not wide enough for trucks and heavy machinery. Trail widening performed June 11 \& 12, 2008 as in original submission. Work credits to be applied to TB3016678 in order to secure claim.

NOTE: Only cost attributed was $\$ 300.00$ re quad rental.

## EXPLANATION OF Location 1 in SUBMISSION IN 2008 (MAP 2.38919) (SEE EXHIBIT "A")

## Explanation of Location 1:

Location 1 is was one of the areas stripped in June, 2008 on mining claim TB4213090. The area was not accurately measured and the number of areas stripped was incorrect. These areas were revisited and measured accurately on May 31, 2009 as shown in photos marked on Page 12C, 12E of original submission July 2008.

## Submission of Map 2.41889: (Exhibit 'B")

During the Application for Relief from Forfeiture process re TB4213090, it was realized the map (Exhibit " $A$ " for location 1 was incorrect.
A new map showing actual number of areas stripped was resubmitted in June 2009 (Map 2.41889) and noted in this submission as Exhibit " B ". This showed the accurate measurements of the 3 areas stripped, however as advised in your correspondence of Aug 27, 2009 it was not to scale.

A new detailed map of the work performed on the 3 stripped sites at 1:500 scale is now attached and noted as Exhibit "C".

## Summary of New Map Exhibit "C"- Stripping Areas 1, 2 \& 3 (Mining Claim TB4213090)

DATE OF FIELD WORK: June 19-20, 2008

## PURPOSE OF TRIP:

-To Strip areas to determine areas of quality buff sandstone and define boundaries of buff and red sandstone and red dolomite.

- Widen trail north of 3 areas stripped from North End of Upper Pass Lake to \#2 Corner Post on SE corner of mining claim TB3016678 (refer to page 6 "Secondary Trail" of original submission July 2008)
- explore if trail could provide access for machinery to naturally exposed sandstone further north on Mining claims TB3016678 and TB4213089.
-Recutting boundary lines of TB 3016678.


## EQUIPMENT USED:

- Same as in original submission dated July, 2008

WORKERS: - Stephen Hamer of Belham Limited

- Tony Yozipovic (supervision only)

WORK PERFORMED AND RESULTS:
Machines were unloaded at junction of Highway 587 and CNR Right of way crossing and machinery travelled north on trail to claim TB4213090. Refer to Exhibit "B" for location of trail.
Machinery set up on Area 2 as indicated on Map Exhibit " $C$ " in this submission. Explanation of sites stripped is listed in order of work performed.

Area 2:
Total area stripped was 1300 metres. Overburden was moss, decayed matter, trees, dirt and grass. Once stripped, the area exposed intrusions of reddish -brown siltstone and conglomerate. Therefore result was not a suitable site for block extraction. Crew proceeded south to Area 1.

Area 1:
Total area stripped was 360 metres. Overburden scrapped off consisted of same matter as Area 2. Some sandstone exposed but intrusions of reddish-brown siltstone were again exposed. Results were same as Area 2 and therefore decided to relocate to Area 3.

Area 3:
Total area stripped was 100 metres. Overburden scrapped off consisted of same matter as Area 2 and Area 1. Better quality of buff sandstone was exposed, however this location was approximately 100 metres from North boundary of Crown land. This would not be a suitable area for development due to lack of area to develop a future quarry.

Stripping completed at this point and proceeded with trail widening north from Area 2 using chain saws and brush cutter to Northern tip of Upper Pass Lake (see trail location on Exhibit "B"). Due to steep terrain in certain areas, it would not be suitable to accommodate heavy machinery for stripping.

Core drilling to be completed at a later date with site to be determined.

## EXPLANATION OF COSTS RE CUTTING OF SAMPLES AND SHIPPING:

Original submission in July 2008 shows costs for cutting of samples and shipping. These samples were taken from TB3016678 in 2007 and cut locally and polished. Samples were shipped from Thunder Bay to Boyd Wathen in Salt Lake City, Utah. A meeting was arranged in Scottsdale, Arizona in March 2008 with Boyd Wathen and Tony Yozipovic to discuss potential sale of mining claims and sandstone quarry development. Numerous discussions took place and a draft option agreement. Deal fell through.



MCTAVISH TUP - ARFAS 1,2,3 DETALL MAP C1:500
$\$ \$ 125 \mathrm{~m}$ TO CLAIR BOUNDARY LINE

AREA (2) NOTES:

- OVERBURDRN LaNsistina of treas, qrass, diet, decayed MATTR, MOSS.
- entire area scrapped.
- INTRUSIons of REDDish BRowns SILTSTANE \& CONGLOMERATE
- arra notsuitable por DIMENSION STONE/BLOCK exraction.

AREA 1


NotHH


Arfa (1) Notes:

- same as arba

AREA (3) NOTES:

- averburden same as area(3)
- entire area slapped.
- good ruacty buff saldstone. Exposed.
- ho Reddish brawn inttris ants

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ONTNRIO CANADA

## ADMINISTRATIVE DISTRICTS / DIVISIONS

| Mining Division | Thunder Bay |
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| Land Titles/Registry Division | THUNDER BAY |
| Ministry of Natural Resources District | THUNDER BAY |



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| IMPORTANT NOTICES <br> Areas under which spedal regulation, limitations or conditions exdst that affect nomal prospecting, staking and mineral development activities. |  |  |  |
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