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Department of Natural Resources

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Mineral Lands Division

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NFLD/3065
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FIRST YEAR ASSESSMENT REPORT
OF
PROSPECTING
ON
LICENCES 14316M AND 14317M
HODGES HILL AREA
CENTRAL NEWFOUNDLAND
NTS 2E/4 AND 2D/13



Gaff Topsails looking SW from Hodges Hill

BY
NATHANIEL THOMAS NOEL MSc.
FOR
E. MICHELE NOEL

WORK CONDUCTED: AUGUST 2008
EXPENDITURES: 14316M (6 CLAIMS)
14317M (4 CLAIMS)

3512.50
800.00

Rec'd 2009/04/03
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SUMMARY

Recci prospecting and a site visit to two properties in the Hodges Hill area was conducted in the summer of 2008. The two properties consisted of claim block 14316m and 14317m. Claim block 14316m was staked to cover the main granite quarry site at Hodges Hill which hosts the test quarry created by International Granite in the late 1990's. Claim block 14317m was staked to cover a site identified by Kerr as a potential source of mauve granite.

The main Hodges Hill quarry, which hosts salmon coloured granite, was found to still contain large blocks quarried earlier. Both sites appear to be able to yield large blocks.

A new location containing what appears to be large blocks of the salmon coloured granite was located during recci prospecting.

INTRODUCTION

This report covers work completed on mineral licenses 14316m and 14317m, a block of 6 and 4 claims respectively located immediately south of Hodges Hill in Central Newfoundland (Figure 1). Hodges Hill is a large granite mountain (elevation of 1800 feet) found north of the Trans Canada Highway between Grand Falls and Badger. 14316m is located at the base of the 2E/4 map sheet while 14317m is located at the top of the 2D/13 sheet.

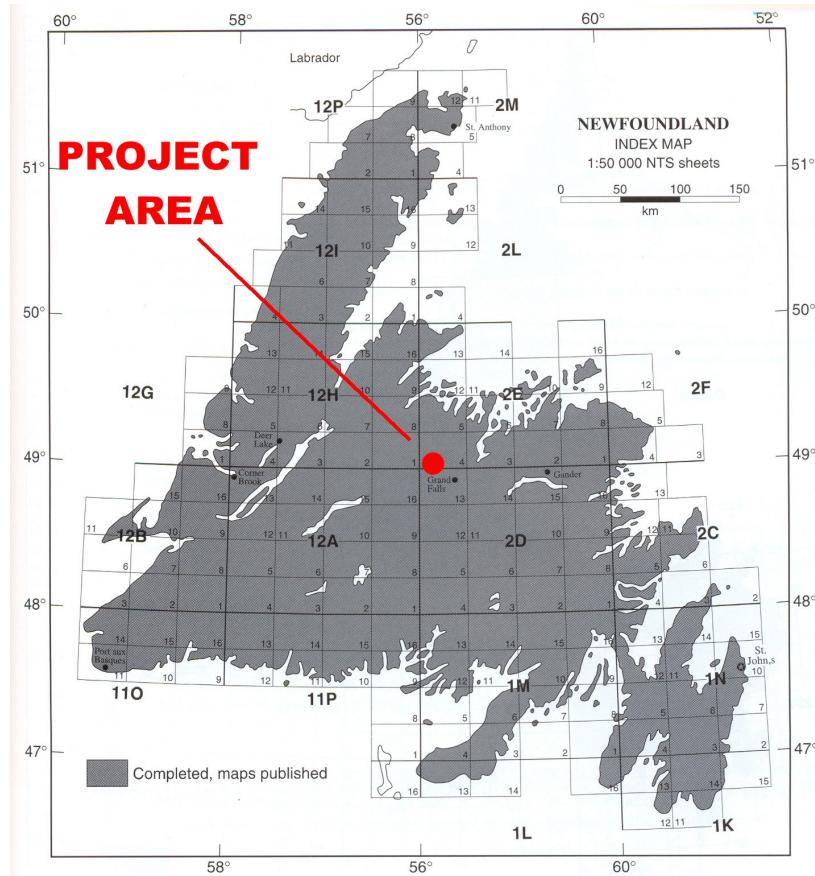


Figure 1 Project Location Map

LOCATION AND ACCESS

The project area is located approximately 12 km west of Grand Falls. It can be easily accessed by way of a well maintained resource road which leaves the north side of the TCH at Aspen Brook (Figure 2). It is possible to access both claim blocks with a pickup truck but the road to license 14317m gets a bit rough and is grown in with alders somewhat as you get close to the claim block. An ATV provides easy access to the entire area.

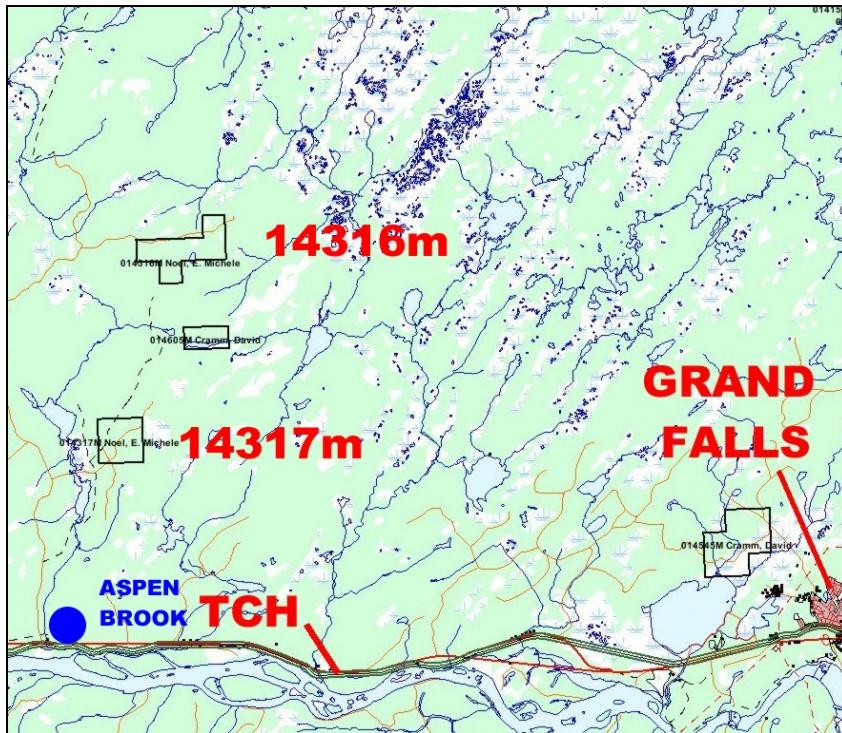


Figure 2 Claims Location Map

PHYSIOGRAPHY

The general region is relatively flat however in the vicinity of Hodges Hill, elevations increase to over 1500 feet. The Hodges Hill area actually consists of a cluster of peaks with Hodges Hill being the highest at over 1800 feet. (Figure 3)



Figure 3 Looking northwest towards Hodges Hill proper.

PROPERTY SUMMARY AND LICENSE STATUS

Claim block 14316m (six claims) and 14317m (4 claims) were staked in the fall of 2007. (Figure 4) They were staked by E. Michele Noel and are in good standing.

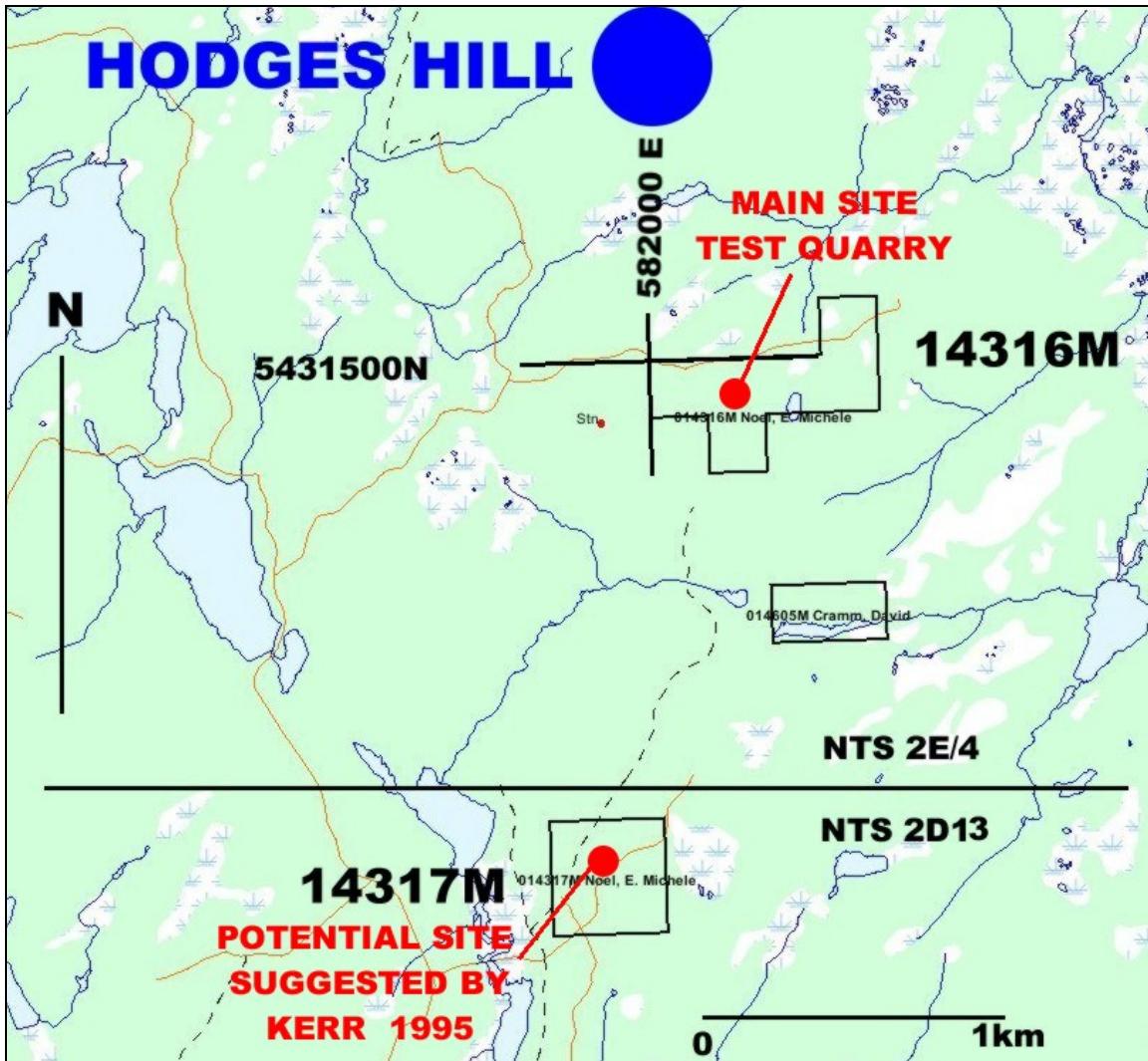


Figure 4 Claims map showing project areas.

PREVIOUS WORK (taken from MODS data file 002E/04/Stn 003)

Systematic geological investigations have been carried out in the Hodges Hill area since the early 1950's. Most recently, a thorough dimension-stone assessment of the area was conducted by Kerr in 1995. Sporadic sampling of various sites was done over a number of years by J. Meyer (formerly with the Newfoundland Department of Mines and Energy) and Mr. B. Mercer. Classic Stone Incorporated, in agreement with Mr. B. Mercer, conducted limited test block removal and initial quarrying in Hodges Hill during the late fall of 1994. The International Granite Corporation held a number of exploration licences in the Hodges Hill area as of 1999, and conducted exploration, road upgrading and

preliminary quarrying at a number of sites within the Hodges Hill pluton (Dunsworth, 2000). In October 2000, a reconnaissance of the central area of the licence containing the site was conducted by International Granite Corporation, as well as a Diamond Core Drilling Program (Hillier et al, 2001).

REGIONAL AND LOCAL GEOLOGY (in part taken from MODS data file 002E/04/Stn 003)

The area forms part of the Dunnage Zone of central Newfoundland. The Hodges Hill Granite is spatially associated with complex mafic to intermediate plutonic rocks termed the Twin Lakes Diorite. Both the Twin Lakes Diorite and the Hodges Hill Granite intrude Ordovician and Silurian volcanic and sedimentary rocks, including parts of the Roberts Arm Group, Frozen Ocean Group and Badger Group. (Figure 5) Contact relationships between the diorite and granitoid rocks suggest that the latter are younger.

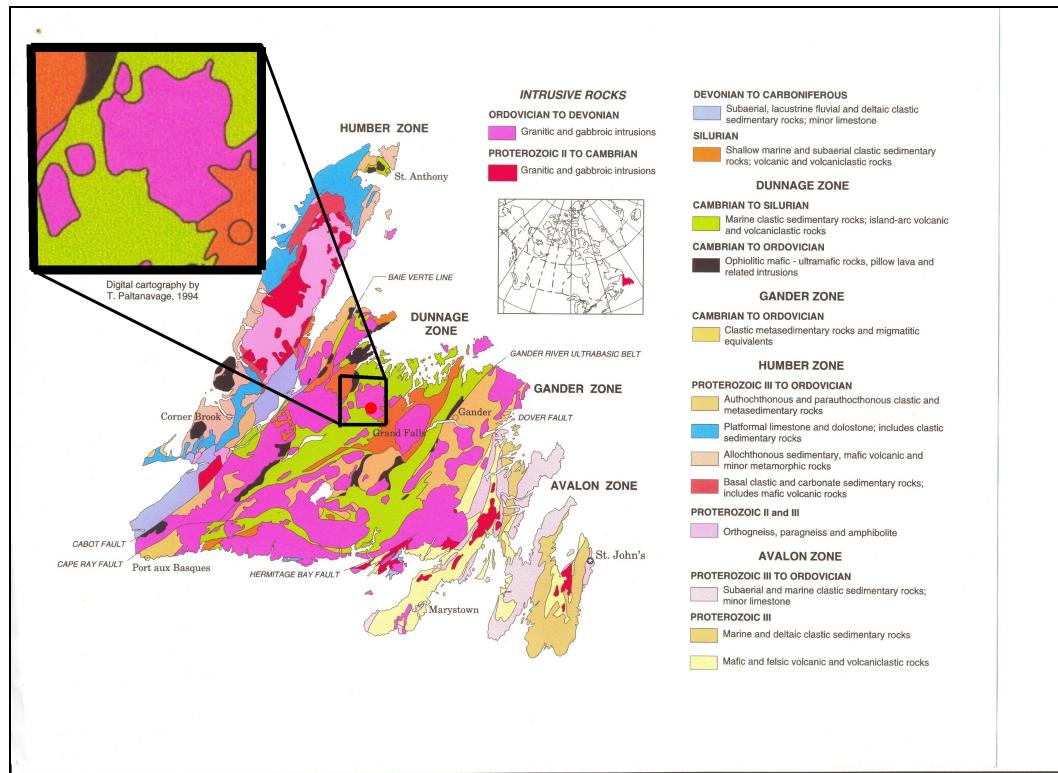


Figure 5 Geology

Outcrops examined at claim block 14316m consisted primarily of salmon coloured medium grained syenite-granite. Outcrops examined at claim block 14317m consisted primarily of orange medium grained granite.

CURRENT PROGRAM

The current program consisted of recci prospecting and a brief examination of the quarry sites or potential quarry sites within the claim blocks.

WORK DONE

A total of 5 days was spent accessing and prospecting the project area. Two of those days involved travel to and from St. John's. Work was conducted on a daily basis from Beothuck RV Park located just west of Grand Falls using an ATV and travelling to the beginning of the Resource Road at Aspen Brook by way of the Trans Canada Trail. (Figure 2)

RESULTS

Claim Block 14316m

The main test quarry in claim block 14316m was visited. This was found to be 1km east of the location indicated in the MODS data (figure 4). A number of large blocks from previous quarrying were observed scattered around the site. Some of these had been marked for transport and cutting. (Figure 6)



**Figure 6 Large block of granite located at Hedges Hill main quarry. Block was marked for transport and cutting during previous quarrying activity.
Block size approximately 1.5 x 1.5 x 2.5 meters.**

A large area had been stripped off and attempts had been made at several locations to extract large blocks. In most of those attempts varying degrees of horizontal or sub horizontal jointing caused the material to break up in smaller blocks. (Figure 7)



Figure 7 Attempts at block extraction producing smaller blocks due to horizontal jointing.

Conversations with Verrick Hillier, the gentleman who spearheaded previous quarrying attempts, provided information regarding the difficulty they had trying to obtain large blocks from this site. It is understandable however why they chose this site as a test site. Figure 8 shows how massive the material looks on a sub horizontal joint surface. A few short drill holes however would have shown the true nature of the stone at this site.



Figure 8 Massive looking granite on sub horizontal joint surface.

Claim Block 14317m

The main site visited at CB 14317 m consisted of an area that had been stripped off on the north side of the road (figure 9). This was found to consist primarily of medium grained orange granite. Like the site visited at 14316m, this appeared to be very massive on the surface but it was suspected that the entire slope was a sub horizontal joint surface as seen previously. Again, a few short drill holes would quickly establish the nature of the material at depth.



Figure 9 Stripped site on north side of road on CB 14317m

On the fresh surface this material was a bright orange color. (Figure 10) An advantage for this location, if suitable material was found was the presence of a good slope for starting a quarry face.



Figure 10 Consistent orange granite at main site on CB 14317m

Other Prospecting

Prospecting was conducted north of CB 14316m. An area strewn with very large blocks > 12 cubic meters, apparently ripped up from bedrock from the creation of a new resource road was located (Figure 11). This material appeared to consist primarily of the salmon coloured granite.

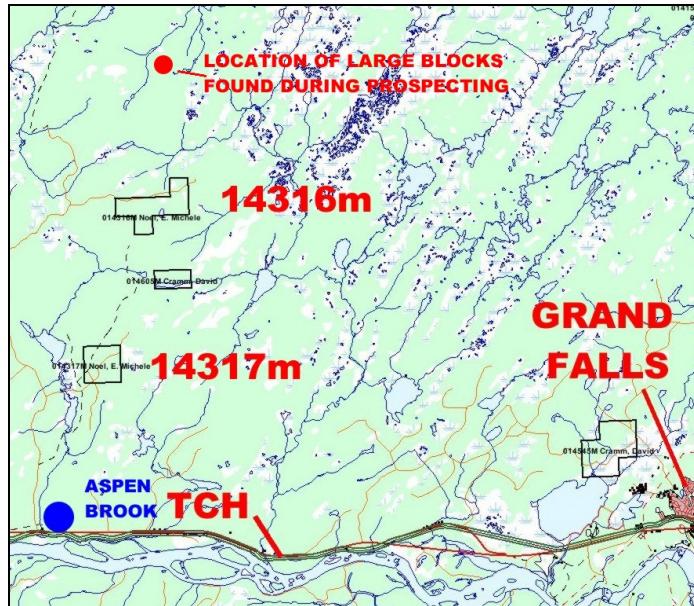


Figure 11 Map showing location of large blocks of salmon coloured granite

Figure 12 shows some of the blocks ripped up from bedrock during road creation.



Figure 12 Very large blocks of salmon coloured granite ripped up from bedrock during the creation of a new resource road.

CONCLUSIONS AND RECOMMENDATIONS

The salmon coloured granite (figure 13) at the main test quarry on CB 14316m remains the primary focus of this project however the new discovery of large blocks of similar material may indicate that large blocks of this material are possible.



Figure 13 Slab of polished granite from the main quarry on CB 14316m

Further work should be done to determine if this is actually the case. The new location appears to have blocks that are ready for transport to a stone cutting facility.

The site on CB 14317m should be examined in more detail to determine firstly, if a deposit of consistent stone actually exists there and secondly, if that particular color is of any value.

LIST OF EXPENDITURES

| EXPENDITURES | COST |
|--|----------------|
| Days Worked (includes travel, prospecting and sample collecting. 5 days @400.00/day) | 2000.00 |
| Accommodations 4 days total @ 25.00/day | 100.00 |
| Meals 5 days total @ 40.00/day | 200.00 |
| Vehicle (gas and maintenance) 5 days total @ 150.00 / day | 750.00 |
| Quad Use (includes gas) 3 day total @100.00/day | 300.00 |
| Administration and report writing (1 days 400.00 day) | 400.00 |
| Overhead 15% of 3750.00 | 562.50 |
| Total | 4312.50 |
| | |
| Credit to 14316m | 3512.50 |
| Credit to 14317m | 800.00 |

REFERENCES

Dickson L. 2003: Newfoundland Dimension Stone Site Studies, 2002. In Current Research Newfoundland Department of Mines and Energy, Mineral Development Division p, 193 - 207

Kerr, A

1995: The Hodges Hill Granite between Grand Falls-Windsor and Badger [NTS 2D/13 and 2E/4]: geology, petrology and dimension-stone potential. Current Research. Government of Newfoundland and Labrador, Department of Natural Resources, Geological Survey Report 95-01, pages 237-256. [GSB# NFLD/2498]