MAR 20060034: WEST CENTRAL

Received date: Dec 29, 2006

Public release date: Jan 16, 2008

DISCLAIMER

By accessing and using the Alberta Energy website to download or otherwise obtain a scanned mineral assessment report, you ("User") agree to be bound by the following terms and conditions:

- a) Each scanned mineral assessment report that is downloaded or otherwise obtained from Alberta Energy is provided "AS IS", with no warranties or representations of any kind whatsoever from Her Majesty the Queen in Right of Alberta, as represented by the Minister of Energy ("Minister"), expressed or implied, including, but not limited to, no warranties or other representations from the Minister, regarding the content, accuracy, reliability, use or results from the use of or the integrity, completeness, quality or legibility of each such scanned mineral assessment report;
- b) To the fullest extent permitted by applicable laws, the Minister hereby expressly disclaims, and is released from, liability and responsibility for all warranties and conditions, expressed or implied, in relation to each scanned mineral assessment report shown or displayed on the Alberta Energy website including but not limited to warranties as to the satisfactory quality of or the fitness of the scanned mineral assessment reports and warranties as to the non-infringement or other non-violation of the proprietary rights held by any third party in respect of the scanned mineral assessment report;
- c) To the fullest extent permitted by applicable law, the Minister, and the Minister's employees and agents, exclude and disclaim liability to the User for losses and damages of whatsoever nature and howsoever arising including, without limitation, any direct, indirect, special, consequential, punitive or incidental damages, loss of use, loss of data, loss caused by a virus, loss of income or profit, claims of third parties, even if Alberta Energy have been advised of the possibility of such damages or losses, arising out of or in connection with the use of the Alberta Energy website, including the accessing or downloading of the scanned mineral assessment report and the use for any purpose of the scanned mineral assessment report.
- d) User agrees to indemnify and hold harmless the Minister, and the Minister's employees and agents against and from any and all third party claims, losses, liabilities, demands, actions or proceedings related to the downloading, distribution, transmissions, storage, redistribution, reproduction or exploitation of each scanned mineral assessment report obtained by the User from Alberta Energy.

Alberta

Alberta Mineral Assessment Reporting System

DEC 292006 20060034

GRAYMONT WESTERN CANADA INC.

1

2006 EXPLORATION AND FIELDWORK AT THE LIMESTONE MOUNTAIN AND CORKSCREW MOUNTAIN METALLIC AND INDUSTRIAL MINERALS PERMITS, WEST-CENTRAL ALBERTA

PART B

Metallic and Industrial Mineral Permits 9398100125 and 9396020019

Geographic Coordinates

51°53' N to 52°15' N 115°11' W to 115°35' W

NTS Sheets 82 O/13 and O/14, 83 B/3 and B/4

Owner	and	Op	erator:
Child	and	~P	oracor.

MAIM Permits 9398100125 and 9396020019 Graymont Western Canada Inc. Lime Divisional Office 190, 3025 - 12 Street N.E. Calgary, AB, T2E 7J2

Consultant:

Dahrouge Geological Consulting Ltd. 18, 10509 - 81 Avenue Edmonton, Alberta T6E 1X7

Authors:

J. Dahrouge, B.Sc., P.Geol. J. Tanton, B.Sc., Geol.I.T.

Date Submitted:

December 21, 2006

TABLE OF CONTENTS

Summary	·····	4
Introduction	•••••••••••••••••••••••••••••••••••••••	5
Geographic Setting 3.1 Location and Acces 3.2 Infrastructure	SS	5 5 6
Work Performed	•••••••••••••••••••••••••••••••••••••••	6
Results	••••••••	6
Conclusions		7
References	•••••••••••••••••••••••••••••••••••••••	8
Statement of Author	·····	9
	Introduction Geographic Setting 3.1 Location and Acces 3.2 Infrastructure Work Performed Results Conclusions References Statement of Author	Introduction

PART C

LIST OF FIGURES

<u>Page</u>

Fig. 3.1	Location Map	F1
Fig. 3.2	Location of MAIM Permit 9398100125 and 9396020019	F2
Fig. 3.3	Property and Access Map	F3
Fig. 5.1	Location of Work	(in pocket)

LIST OF APPENDICES

Appendix 1:	Statement of Expenditures	C1
-------------	---------------------------	----

SUMMARY

4

During September, 2006, parts of Limestone and Clearwater ranges, within Metallic and Industrial Minerals (MAIM) Permits 9398100125 and 9396020019, were explored for Paleozoic carbonate rock outcrops. The 2006 exploration was a continuation of previous exploration programs conducted along Marble and Clearwater ranges of the Alberta Foothills, within west-central Alberta, during the summers of 1997, 1999, 2001, 2003, 2004 and 2005.

Due to the lateness of the program and snow cover, outcrops could not be easily examined. Minimal structural mapping was conducted. With the use of ATV's and helicopter, access was investigated and outcrops were outlined with their locations mapped for future exploration programs.

A magnetic declination of 17° east was used.

During the fall of 2006, exploration expenditures for MAIM permits 9398100125 and 9396020019 totaled \$22,750.46, calculated from the spent amount of \$20,682.24, plus the allowable 10 per cent for overhead management fees of \$2,068.22.

Excess expenditures of \$944 were previously credited from 'Years 5 and 6' towards the current assessment period of Permit 9398100125, and \$16,021 were credited towards assessment period 'Years 11 and 12' of Permit 9396020019. In addition, prior assessment expenditures of \$29,055.69 were allocated to Permit 9398100125. Hence, the combined expenditures including prior and current accumulations total \$68,771.15.

Based on a combined permit area of 4,816 hectares and assessment requirements of \$15 per hectare, the required expenditures to keep the entirety of the two permits in good standing are \$72,240.00. Assessment expenditures of \$36,240 are to be assigned to Permit 9398100125 and the balance of \$32,531.15 is to be allocated towards assessment period 'Years 11 and 12' of Permit 9396020019.

Permit	Assessment Period	Expiry Date	Permit Area (ha)	Required Expenditures	Assigned Expenditures
9398100125	Years 7 and 8	2006-10-30	2416	\$36,240	\$36,240.00
9396020019	Years 11 and 12	2008-02-08	2400	\$36,000	\$32,531.15
				Total:	\$68,771.15

Expenditures are allocated to MAIM permits 9398100125 and 9396020019 as follows:

1.

2.

INTRODUCTION

The work on the Limestone Mountain and Corkscrew Mountain permits was conducted by Dahrouge Geological Consulting Ltd. on behalf of Graymont Western Canada Inc. (Graymont). This assessment report describes the exploration conducted within metallic and industrial minerals permits 9398100125 and 9396020019, which encompass Clearwater and Limestone ranges, of the Alberta Foothills. Bob Robison, exploration manager for Graymont Western U.S. Inc., authorized this work.

The objectives of the 2006 exploration were to expand on the previously explored areas to locate high-quality carbonate rocks throughout and within the permit area. Due to the snowy conditions, the work concentrated on utilizing ATV's and helicopter to check access and note outcrops to examine in future programs.

3. GEOGRAPHIC SETTING

3.1 LOCATION AND ACCESS

MAIM Permits 9398100125 and 9396020019 encompass areas within Clearwater and Limestone ranges, including Corkscrew Mountain, Limestone Mountain, Idlewilde Mountain and Marble Mountain (Fig.'s 3.1 and 3.2). The property is west of Caroline, Alberta, which is located about 50 km south of Rocky Mountain House along Highway 22.

Access to Clearwater Range is from Caroline, about 30 km westerly on secondary road 591 to a southerly branch of Forestry Trunk Road 40 (Fig. 3.3). This branch of Forestry Trunk Road is about 4 km east of Limeco Quarry. It continues southerly, approximately parallel to Marble Mountain at a distance of about 3 km. Access to Marble Mountain is provided by cut lines running perpendicular to Clearwater Range. From Limeco Quarry, at the south end of Corkscrew Mountain, Forestry Trunk Road 40 continues northwest for about 5 km along the west flank of Corkscrew Mountain. There it turns westerly and continues on to Idlewilde Mountain.

Approximately 3 km northwest of where Forestry Trunk Road 40 crosses Seven Mile Creek, an oilfield service road branches west, and a south spur off this road crosses Clearwater River leading up the valley of Limestone Creek towards Limestone Mountain. The mountain can be accessed by ATV trails and cut lines south of Clearwater River.

The northern parts of Corkscrew Mountain are about 18 km south of the CNR spur line, east of Baseline Ridge.

Access to and throughout the property area is by truck, all-terrain vehicles, helicopter, and extensive hiking. Several creeks, mountains, and other features presently without names on published maps have been assigned informal names in this report to facilitate references to geographic locations.

3.2 INFRASTRUCTURE

Accommodations, food, fuel and other necessary services are available in Caroline and Rocky Mountain House. The local economy is primarily based on agriculture, forestry, and energy-based industries.

Rocky Mountain House, with a population of about 6,500, is accessed by traveling about 67 km west of Red Deer along the David Thompson Highway (Highway 11), and then 12 km north along Highway 22.

The village of Caroline is about 49 km from Rocky Mountain House, 37 km south along Highway 22 and 12 km east along Highway 54. Caroline has a population of about 550.

4.

WORK PERFORMED

From October 19 to 23, 2006, Dahrouge Geological Consulting Ltd. on behalf of Graymont Western Canada Inc. conducted exploration for carbonate lithotypes within west-central Alberta. The work was undertaken to determine and identify the location and extent of carbonate outcrops throughout the area.

A two-person crew was based in Rocky Mountain House. Transportation between Rocky Mountain House and the property was by a four-wheel-drive SUV. Access throughout the property was by SUV and ATV's where possible, and otherwise by helicopter.

Due to the lateness of the season and snowy conditions, priority was placed on utilizing ATV's and helicopter to identify access and mark outcrop locations for future exploration programs.

5.

RESULTS

Two days were spent checking road and trail access throughout the property with the use of a four-wheel-drive SUV and ATV's. ATV work was concentrated in the Idlewilde Ridge area, traveling trails to and surrounding Idlewilde Mountain. A few reclaimed roads were tested in the area and the majority are no longer useful access trails to the property. A helicopter was utilized one day to check the less accessible parts of the property. Snow cover did not provide safe hiking conditions along the ridges but outcrops that had not previously been examined were noted and outlined from the air. A GPS unit was used to mark outcrop locations and useful helicopter landing spots for easy reference in future exploration programs (Fig. 5.1).

6. CONCLUSIONS

Within MAIM Permits 9398100125 and 9396020019, extensive exposures of carbonates remain unexamined in detail. Future exploration will expand on work already conducted in the area.

REFERENCES

- Dahrouge, J.R. (2000) Exploration for High-Calcium Limestone at Clearwater and Limestone Ranges of West-Central Alberta; ass. Rept. On MAIM permits 9396020019 and 9398100125 for Continental Lime Ltd., Dahrouge Geological Consulting Ltd., 20 p., 5 App., 10 Fig., 5 Tables.
- Dahrouge, J.R. (2002) 2001 Exploration for High-Calcium Limestone at Clearwater and Limestone Ranges of West-Central Alberta; ass Rept. On MAIM permits 9396020019 and 9398100125 for Graymont Western Canada Inc., Dahrouge Geological Consulting Ltd., 10 p., 4 App., 8 Fig., 4 Tables.
- Dahrouge, J.R. (2005) 2004 Exploration and Fieldwork at the Limestone Mountain Metallic and Industrial Minerals Permit, West-Central Alberta; ass Rept. On MAIM permit 9398100125 for Graymont Western Canada Inc., Dahrouge Geological Consulting Ltd., 9 p., 4 App., 4 Fig., 3 Tables.
- Dahrouge, J. and Tanton, J. (2006) 2005 Exploration and Diamond Drill Program at the Corkscrew Mountain Property, West Central Alberta; ass Rept. On MAIM permits 9396020019 and 9305090646 for Graymont Western Canada Inc., Dahrouge Geological Consulting Ltd., 10 p., 3 App., 4 Fig., 3 Tables.
- Halbertsma, H.L. (1994). Devonian Wabamun Group of the Western Canada Sedimentary Basin, in Geological Atlas of the Western Canada Sedimentary Basin. Mossop, G.D. and Shetsen, I. (compilers); Can. Soc. Petr. Geol. and Alberta Res. Coun., p. 221-250.
- Ollerenshaw, N.C. (1968). Preliminary Account of the Geology of Limestone Mountain map-area, Southern Foothills, Alberta; GSC Paper 68-24.
- Pana, D. and Dahrouge, J. (1998). 1994, 1995 and 1997 Exploration of the Northern Part of Brazeau Range; ass. rept. for MAIM Permit 9396010038, Continental Lime Ltd., Dahrouge Geological Consulting Ltd., 20 p., 23 app., 9 fig., 4 tables.

7.

STATEMENT OF AUTHOR

I, Jody Dahrouge, residing at 11 Country Lane, Stony Plain, Alberta, do hereby certify that:

- I am a geologist of Dahrouge Geological Consulting Ltd., Suite 18, 10509 81 Ave., Edmonton, Alberta, T6E 1X7.
- I am a graduate of the University of Alberta, Edmonton, Alberta with a B.Sc. in Geology, 1988 and a Special Certificate (Sp.C.) in Computing Science in 1994.
- I have practiced my profession as a geologist intermittently from 1988 to 1994, and continuously since 1994.
- I am a registered professional geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta, member M48123.
- I hereby consent to the copying or reproduction of this Technical Report following the one-year confidentiality period.
- I am the author of the report entitled "2006 Exploration and Fieldwork at the Limestone and Corkscrew Mountain Metallic and Industrial Minerals Permits, West-Central Alberta" and accept responsibility for the veracity of technical data and results.

Dated this 21st day of December, 2006.

Jody Dahrouge, BSc, PGeol APEGGA M48123



. 32 25 -22. - -10 35 - 9 - W5 35 - 10 - W5 35 - 11 - W5 -- 13 7 -10 - -31 - -19 34 - 9 - W5 34 - 10 - W5 34 - 11 - W5 --- - 18





