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BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochemical and Drilling Exploration Report

TOTAL COST: $581,584.32

AUTHOR(S): Patrick Kluczny, P. Geol., Kelly Krueger, Geo. I.T.

SIGNATURE(S): [signature]

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): 1101312-201301 (January 6, 2014)

YEAR OF WORK: 2014

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event No. 5539045 (January 20, 2015)

PROPERTY NAME: Pat Claims

CLAIM NAME(S) (on which the work was done): PAT 1, PAT 2, PAT 13

COMMODITIES SOUGHT: Limestone

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Cariboo Mining Division

NTS/BCGS: 093G16, 093H13, 093I04, 093J01

LATITUDE: 54 ° 01 ' " **LONGITUDE:** 223 ° 17 ' " **(at centre of work)**

OWNER(S):
1) Graymont Western Canada Inc.
2)

MAILING ADDRESS:
Suite 260, 4311-12 Street N.E.
Calgary, Alberta T2E 4P9

OPERATOR(S) [who paid for the work]:
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PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Carbonates, limestone, Cariboo Terrane, Slide Mountain Terrane

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: N/A

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	935 samples analyzed for whole rock constituents	PAT 1, PAT 2, PAT 13	$28,261.10
Other			
DRILLING (total metres; number of holes, size)			
Core	9 drill holes, total depth 1844.65 m	PAT 1, PAT 2, PAT 13	$553,323.22
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$581,584.32

GRAYMONT WESTERN CANADA INC.

2014 EXPLORATION AND FIELDWORK ON THE PAT CLAIMS EAST OF PRINCE GEORGE, BRITISH COLUMBIA

Cariboo Mining Division

Claims PAT 1-2, PAT 4-6, PAT 8-13, PAT 16, PAT 2015 A-J, PAT SOUTH 1-2,
HANSARD, HANSARD 1-7, BOWRON 1-4, JIS 1-4, EAGLET 1-4
PUR 5-23 and Tenure 530060

Geographic Coordinates
53°53' N to 54°07' N
121°40' W to 122°21' W

NTS Sheets
093G16, 093H13, 093I04, 093J01

Owner & Operator:	Graymont Western Canada Inc. 260, 4311 - 12 Street NE Calgary, Alberta T2E 4P9
Consultant:	Dahrouge Geological Consulting Ltd. Suite 18, 10509 - 81 Avenue Edmonton, Alberta T6E 1X7
Authors:	P. Kluczny, P.Geol. K. Krueger, Geo. I.T.
Date Submitted:	April 20, 2015

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1. INTRODUCTION

Examination of the Prince George area for high-calcium limestone, on behalf of Ecowaste Industries Ltd. (Ecowaste), a wholly-owned subsidiary of Graymont Western Canada Inc. (Graymont), commenced during 1993 by Halferdahl & Associates Ltd. Based upon this exploration, Ecowaste acquired the Pat Claims by staking limestone outcrops southeast of the Kode-Jerrat limestone quarry in July, 1993. Additional exploration during 1993 and 1994 included surface sampling and mapping, ground geophysics, and drilling. Dahrouge Geological Consulting Ltd. (Dahrouge), on behalf of Ecowaste, carried out a sampling program and a magnetic survey at the Pat Claims in 2005. Dahrouge completed diamond drilling programs on the Pat Claims in the summer and winter of 2006.

The Hansard claim was acquired in November 2005 and Hansard 1-7 were transferred to Ecowaste in the fall of 2006.

In 2007, all of the Ecowaste claims were converted to the property of Graymont for consistency of their B.C. properties. A review of the 2006 core was completed in the spring of 2007, and additional drilling was conducted on the Pat Claims in the fall of 2007 to follow up on the 2006 drill programs. In addition, a number of limestone outcrops were examined in the Hansard area in early summer to assess the limestone quality of the area. This report describes the 2014 exploration on the Pat Claims and provides an interpretation of the results. The 2014 exploration was authorized by Darren Anderson of Graymont Western Canada Inc.

A statement of work has been filed with respect to the exploration described in this report (event number 5539045). The total assessment credit has been allocated amongst a number of contiguous claims, including PAT 1-2, PAT 4-6, PAT 8-13, PAT 16, PAT 2015 A-J, PAT SOUTH 1-2, Hansard, Hansard 1-7, Bowron 1-4, Jis 1-4, Eaglet 1-4, Pur 5-23, and Tenure 530060. A detailed cost statement for the 2014 exploration is provided in Appendix 1. The work described herein was not conducted on all of the listed claims and therefore a description of the entire claim group is not included in this report; however, this information is available in previously submitted assessment reports on the area.

1.1 GEOGRAPHIC SETTING

1.1.1 Location and Access of the Pat Claims

The Pat Claims lie within the Cariboo Mountains of the Interior Plateau of east-central British Columbia (Fig. 1.1). The claims are situated approximately 5 km southeast of the village of Giscome, which is about 40 km by road northeast of Prince George, BC. Giscome is a small village near the site of a previously-operated Canadian National Railway (CNR) ballast terminal.

From Prince George, the Pat Claims may be reached by driving east on Highway 16 for approximately 18 km, north for 7 km on Upper Fraser Road, then east for 15 km on Beaver Forestry Road (just past the 32 km road marker), and finally north for 2 km on Bateman Creek Forestry Road (Fig. 1.3). An alternate route is to continue north on the Upper Fraser Road to the village of Giscome, then travel southeast on Bateman Creek Road for approximately 5 km. Logging roads 1200 and 5900, which were formerly used for diamond drilling access on claim Pat 2 in 1993 and 1994, were rehabilitated in 2006 and allow access to part of the Property. In addition, several new access trails off these roads were completed during 2006, 2007 and 2014. These roads and trails require the use of 4x4 trucks or ATV's, and are generally impassible after moderate to heavy rainfall.

1.1.2 Topography, Vegetation and Climate

Topography in the Giscome and Hansard area is characterized by rolling hills separated by swamps. Elevations in the Hansard claims range from 600 m along Fraser River up to 750 m in the ridges south of Upper Fraser. Elevations in the claim area are fairly consistent, ranging from 640 m along Bateman Creek to 855 m in the hills to the northeast. Vegetation consists predominantly of tall stands of fir, with lesser spruce and poplar. Shrubs, including Devil's Club, are abundant along drainages. The climate is temperate, reaching extremes of 34^{o} C in summer and -50^{o} C in winter. Precipitation is variable. Snow can be expected in late October or early November and remains until April or May. Total accumulations of snowfall may exceed 300 cm, but typically average 241 cm. Mining and quarrying are feasible year round, but local weight limits on trucks may restrict truck hauling during and following spring breakup.

1.2 PROPERTY

The Pat Claims consist of a total of 24 contiguous claims (Table 1.1, Fig. 1.2), with an additional 42 claims adjoining to the east and west (Table 1.2, Fig. 1.2). In 1993, claims Pat 1-4 were staked as four-post claims and claim Pat 5 was staked as a two-post claim. In 2006, claims Pat 6-10 were acquired online as MCX claims. Claims Pat 11-12 and Infill were acquired online in early 2007 as MCX claims. PAT2013 was acquired online in January 2013. Finally, in December 2013, Pat 3 was subdivided into claims Pat South 1 and Pat South 2. In early 2015, several Pat Claims were subdivided into the PAT 2015 series of claims.

TABLE 1.1: LIST OF PAT CLAIMS

Claim Name	Tenure Number	Record Date	Current Expiry Date	Expected Expiry Date
Pat 1	319247	1993 07 11	2018 12 31	2018 12 31
Pat 2	319248	1993 07 11	2018 12 31	2018 12 31
Pat 4	319250	1993 07 13	2018 12 31	2024 12 31
Pat 5	321875	1993 10 11	2018 12 31	2018 12 31
Pat 6	525884	2006 01 19	2018 12 31	2024 12 31
Pat 8	526134	2006 01 24	2018 12 31	2024 12 31
Pat 9	526135	2006 01 24	2018 12 31	2018 12 31
Pat 10	532854	2006 04 21	2018 12 31	2024 12 31
Pat 11	550912	2007 02 01	2018 12 31	2024 12 31
Pat 12	551009	2007 02 02	2018 12 31	2024 12 31
Pat 13	1024340	2006 01 20	2018 12 31	2018 12 31
Pat 14	1026516	2014 03 06	2015 03 06	2016 03 06
Pat 15	1026517	2014 03 06	2015 03 06	2016 03 06
Pat 16	1031533	2014 10 02	2015 10 02	2015 10 02
Pat South 1	1024442	2013 12 10	2018 12 31	2018 12 31
Pat South 2	1024443	2013 12 10	2018 12 31	2024 12 31
Pat 2015 A	1034858	2013 01 22	2015 01 22	2024 12 31
Pat 2015 B	1034860	2013 01 22	2015 01 22	2024 12 31
Pat 2015 C	1034859	2013 01 22	2015 01 22	2024 12 31
Pat 2015 D	1034867	2007 01 30	2018 12 31	2024 12 31
Pat 2015 E	1034862	2007 01 30	2018 12 31	2024 12 31
Pat 2015 F	1034866	2007 01 30	2018 12 31	2024 12 31
Pat 2015 G	1034868	2007 01 30	2018 12 31	2024 12 31
Pat 2015 H	1034869	2006 01 20	2018 12 31	2024 12 31
Pat 2015 I	1034872	2006 01 20	2018 12 31	2024 12 31
Pat 2015 J	1034873	2006 01 20	2018 12 31	2024 12 31

1.3 HISTORY AND PREVIOUS INVESTIGATIONS

In the latter part of 1992 and early 1993, Dr. Lawrence Halferdahl, on behalf of Ecowaste, conducted exploration for high-calcium limestone within the vicinity of Prince George. Based upon this exploration, the Pat Claims were acquired in July 1993 by staking southeast of Kode-Jerrat Quarry. As Faragher and Halferdahl (1994) and Dahrouge and Halferdahl (1995) provide detailed descriptions of the exploration and geology of the Pat Claims, most of that information is not repeated herein.

During 1993, Ecowaste mapped the Pat Claims and drilled four NQ holes totaling 347 m (Faragher and Halferdahl, 1994). Additional work during 1994 included a magnetometer survey to assist in defining the contact between carbonates and ultramafic rocks to the northeast, and the completion of four NQ holes totaling 494 m (Dahrouge and Halferdahl, 1995). After further exploration at the Pat Claims, Dahrouge and Halferdahl (1995) concluded:

> "Outcrops of limestone on the Pat Claims are here interpreted as being in an erosional window through the Slide Mountain Terrane to the Cariboo Terrane below",

rather than assigning the limestones within the eastern part of the Slide Mountain Terrane to a Triassic Unit.

TABLE 1.2: LIST OF CONTIGUOUS MINERAL CLAIMS

Claim Name	Tenure Number	Record Date	Current Expiry Date	Expected Expiry Date
Bowron 1	535373	2006 06 09	2018 12 31	2020 12 31
Bowron 2	535374	2006 06 09	2018 12 31	2020 12 31
Bowron 3	535375	2006 06 09	2018 12 31	2020 12 31
Bowron 4	535376	2006 06 09	2018 12 31	2020 12 31
Eaglet 1	1026518	2014 03 06	2015 03 06	2016 03 06
Eaglet 2	1026520	2014 03 06	2015 03 06	2016 03 06
Eaglet 3	1027210	2014 04 03	2015 04 03	2016 04 03
Eaglet 4	1027211	2014 04 03	2015 04 03	2016 04 03
Hansard	521738	2005 11 01	2018 12 31	2020 12 31
Hansard 1	529397	2006 03 03	2018 12 31	2020 12 31
Hansard 2	529398	2006 03 03	2018 12 31	2020 12 31
Hansard 3	529399	2006 03 04	2018 12 31	2020 12 31
Hansard 4	529403	2006 03 04	2018 12 31	2020 12 31
Hansard 5	529658	2006 03 06	2018 12 31	2020 12 31
Hansard 6	529661	2006 03 06	2018 12 31	2020 12 31
Hansard 7	529665	2006 03 06	2018 12 31	2020 12 31
Jis 1	537516	2006 07 20	2018 12 31	2020 12 31
Jis 2	537517	2006 07 20	2018 12 31	2020 12 31
Jis 3	537518	2006 07 20	2018 12 31	2020 12 31
Jis 4	537519	2006 07 20	2018 12 31	2020 12 31
Pur 11	529383	2006 03 03	2018 12 31	2020 12 31
Pur 12	529385	2006 03 03	2018 12 31	2020 12 31
Pur 13	529386	2006 03 03	2018 12 31	2020 12 31
Pur 14	529387	2006 03 03	2018 12 31	2020 12 31
Pur 15	529388	2006 03 03	2018 12 31	2020 12 31
Pur 16	529389	2006 03 03	2018 12 31	2020 12 31
Pur 17	529390	2006 03 03	2018 12 31	2020 12 31
Pur 18	529391	2006 03 03	2018 12 31	2020 12 31
Pur 19	529392	2006 03 03	2018 12 31	2020 12 31
Pur 20	529393	2006 03 03	2018 12 31	2020 12 31
Pur 21	529394	2006 03 03	2018 12 31	2020 12 31
Pur 22	529395	2006 03 03	2018 12 31	2020 12 31
Pur 23	529396	2006 03 03	2018 12 31	2020 12 31
Pur 5	529377	2006 03 03	2018 12 31	2020 12 31
Pur 6	529378	2006 03 03	2018 12 31	2020 12 31
Pur 7	529379	2006 03 03	2018 12 31	2020 12 31
Pur 8	529380	2006 03 03	2018 12 31	2020 12 31
Pur 9	529381	2006 03 03	2018 12 31	2020 12 31
Pur 10	529382	2006 03 03	2018 12 31	2020 12 31
(no name)	530060	2006 03 15	2018 12 31	2020 12 31
Pur 6	530061	2006 03 15	2018 12 31	2020 12 31
Pur 7	530062	2006 03 15	2018 12 31	2020 12 31

In 2005, Dahrouge, on behalf of Ecowaste, conducted exploration for high-calcium limestone, as well as a magnetometer survey, on the Pat Claims (Fraser and Dahrouge, 2005). Exploration consisted of mapping and describing limestone outcrops within the Property, while the magnetometer survey focused on defining the contact between carbonates and volcanics in the central part of claim Pat 2, east of cut block 59/12.

In the summer and winter of 2006, Dahrouge completed 18 diamond drill holes, totaling 2,489.92 m. Core samples were analysed and the data compiled to determine the limestone quality and lithologies present in the Pat claim area. An additional 16 diamond drill holes were completed on the Pat Claims in 2007, totalling 3,093.59 m.

1.4 PURPOSE OF WORK

The 2014 exploration program on the Pat Claims, which included site preparation, diamond drilling and surveying, was undertaken as a follow up to the 2006 and 2007 drill programs to provide additional information on the quality and extent of limestone within the Property, as well as to better define the underlying geology.

1.5 SUMMARY OF WORK

The 2014 diamond drilling was supervised by a two-person geological crew from Dahrouge, based in a hotel in Prince George. The drill program on claims Pat 1-2 and Pat 7 was completed from February 20 to April 1, 2014. Transportation between Prince George and the Property was by a rented four-wheel-drive vehicle. Access throughout the Property was by truck where possible, and/or hiking where necessary. The core was logged and split at a rented garage approximately 14 km east of Prince George.

The drill equipment was delivered to the site on a flat deck trailer, and was unloaded and positioned at drill sites by a D6 Bulldozer. Prior to and during drilling, a number of access roads and drill pads were constructed to facilitate the drilling.

In total, 9 diamond drill holes were completed on the Property, with a total depth of 1,844.65 m. Downhole surveys were conducted on each drill hole, by Dahrouge personnel. The drill core was sampled and half/quarter core samples were sent to Graymont’s lab in Salt Lake City, Utah for analyses (Appendices 2 & 3). Remaining drill core from the 2014 drill program is being stored at a privately owned acreage just east of Prince George (527381 E, 5964648 N).

Garmin GPSmap 60Cx instruments were used to mark outcrop and collar locations and record access information. Compasses were set at a magnetic declination of 19°48' east.

At the conclusion of the diamond drilling, Graymont contracted McElhanney Associates Land Surveying Ltd. (McElhanney) to survey the mineral claims on the Property. The completed survey is summarized in Appendix 9

2. REGIONAL GEOLOGY

Glacial deposits of various types, exceeding 100 m in places, cover much of the area around Prince George, Giscome, Hansard and Purden Lake. Outcrops are sparse.

Various features of the bedrock geology in the Prince George and surrounding area have received attention, mostly from L.C. Struik.

Regional mapping by the Geological Survey of Canada (Muller and Tipper, 1969), at a scale of 1 inch to 4 miles covering the area north and east of Prince George, has been superseded by that of Struik (1994). Details on some features of the regional geology have also been described by Struik and Fuller (1988), Deville and Struik (1989), Struik (1989), and Struik, Fuller, and Lynch (1990).

Struik (1989) indicates there are two strike-slip fault trends in the region. One trend follows the McLeod Lake Fault Zone at approximately 160°. Movement along this feature is interpreted as mid-Tertiary. The other set includes the older northern Rocky Mountain Trench fault system, which trends approximately 140°.

In the Barkerville area, some 120 km south of the Pat Claims, Struik (1988) recognized four terranes (Table 2.1) separated from each other by major thrust faults: Cariboo, Barkerville, Slide Mountain, and Quesnel. On Struik's (1994) map, the Pat Claims are shown to be within the volcanic and sedimentary rocks of the Carboniferous and Permian Slide Mountain Group, which here comprise the Slide Mountain Terrane. The most prominent unit of the Slide Mountain Group is the Antler Formation, which consists of pillow basalts, volcanic breccias, pyroclastics, and intercalated ribbon chert, argillite, and fine lithic sandstone (Campbell et al, 1973).

Struik et al. (1990) interpreted Middle to Upper Triassic and Cambrian limestone sequences exposed at Mount Bowron, about 30 km southeasterly of Giscome near Purden Lake, as tectonic windows through the Slide Mountain Terrane to the underlying Cariboo Terrane. Triassic limestone sequences near Mount Bowron are described by Struik et al. (1990) as thin-bedded limestone and slate sequences, with some thicker limestone layers composed predominately of shells and shell fragments. The same lithotypes are present at and around Purden Quarry and the Pat Claims, but are quite different from lithologies attributed to the Cariboo Terrane near Barkerville (Struik, 1988). Dahrouge and Halferdahl

(1995) noted Triassic fossils in limestone samples taken from drill core at the Pat Claims, which suggests that the limestones near Giscome may belong to the Triassic carbonate sequences of the Cariboo Terrane rather than the Slide Mountain Terrane, as suggested in earlier studies. Further, a cursory paleontological examination of short sections of drill core from the Pat Claims by Tim Tozer of the Geologic Survey of Canada (Struik, 1995, pers. comm.) encountered pelecypods of Upper Triassic age.

Not far north of the claim area, the Slide Mountain and/or Cariboo Terrane are in fault contact with rocks of the Wolverine Complex. The Wolverine Complex was named after the Wolverine Range north of Fort St. James (Armstrong, 1949). There, it consists of gneisses, quartzites, schists, and crystalline limestones interpreted as metamorphosed Upper Precambrian and Lower Cambrian strata, all of which are intruded by younger granodiorite, pegmatite, and related rocks, and are cut by brittle extensional faults. Similar rocks have been described at Mount MacKinnon, about 120 km northwest of Prince George, where gneisses and schists are intruded by granitic aplites, muscovite or biotite pegmatites, granites, dykes of microgranite, rhyolite, dacite, and basalt (Deville and Struik, 1990). Basalt dykes in the Wolverine Complex are dated at 37 to 43 Ma (Parrish, 1976). The Wolverine Complex at Eaglet Lake includes the granodiorite Eaglet Pluton (Struik and Fuller, 1988), which has been dated at 36 Ma (Wanless et al, 1970, p.24).

3. PROPERTY GEOLOGY

The limestone outcrops within the Pat Claims are believed to be in the Upper Triassic Cariboo Terrane, exposed as an erosional window through the Slide Mountain Terrane. Triassic fossil ages have been reported for limestones in the Pat Claims; however, Mississippian age fossils have been identified at the local Kode-Jerrat Quarry, consistent with the Slide Mountain Group (Campbell et al., 1973; Struik et al., 1990).

Due to the sparse outcrop in the claim area, the majority of available geological information has been collected from diamond drill programs. This section includes a breakdown of the dominant rock units encountered to date. A volcanic unit, a dark-green serpentinized peridotite, was encountered in drill hole PAT06-08, in the northeastern part of claim Pat 2; it has not yet been assigned to a formation or terrane. The mineralogy of this unit is complex due to extensive alteration.

The structural geology of the Property and surrounding area remains unclear. Several fault zones and brecciated units were identified during the core logging; however, more work is required to understand the structure and stratigraphy in detail. Cross sections were produced from the 2014 data and are available in Fig.'s 3.1 and 3.2.

TABLE 2.1 STRATIGRAPHIC UNITS IN THE CARIBOO AND SLIDE MOUNTAIN TERRANES

Age	Group	Formation	Description
SLIDE MOUNTAIN TERRANE*,B			
Tertiary or Upper Cretaceous	-	-	coal-bearing clastic rocks (northern part of Bowron River Valley)
Triassic (?)	-	-	slate and phyllite rocks (within southwest corner 93 H)
Mississippian	Slide Mountain	Antler	pillow basalts, volcanic breccias, pyroclastics, and intercalated ribbon chert, argillite, and fine lithic sandstone;
		Greenberry	crinoidal limestone
		Guyet	pebble-conglomerate, lithic sandstone, argillite, basaltic flows and breccia
CARIBOO TERRANEA,B			
Triassic[B]		unnamed	thin-bedded limestone and slate sequence (similar to Pardonnet Formation, northern Rocky Mountains)
Cambrian[B]		unnamed	medium-bedded limestone with silty argillite interbeds
Pennsylvanian[A]	Black Stuart	unnamed	grey crinoidal, fusulinid limestone
Middle Pennsylvanian[A]		Alex Allan	dark-grey micritic limestone, minor slate
Lower Mississippian[A]		Greenberry	grey crinoidal limestone
Lower Mississippian and Upper Devonian[A]		Guyet	conglomerate, orthoquartzite, greywacke
Upper or Middle Devonian[A]		Waverly	agglomerate, pyroclastics, pillow basalt, minor chloritic siltstone

* Modified after Campbell et al., 1973
[A] Modified after Struik et al., 1988 for the Cariboo Terrane near Barkerville
[B] Modified after Struik et al., 1990

As Dahrouge's mapping has historically centered on carbonate units, the western contact with the igneous Slide Mountain Terrane has not been identified on any of the claims.

The stratigraphic units defined in 2007 were consolidated into 7 primary units during the 2014 drill program, including a newly defined unit, "Unit 7". Following is a brief overall summary of the defined rock units, utilized for correlation between drill holes. Low quality (ie. low-calcium, high-silica) rock was encountered stratigraphically low, defined as Unit 1, and stratigraphically high, Unit 6. The remaining units, stratigraphically between the low-calcium rock, comprise a potential quarriable ore zone. Generally, limestone containing greater than 95% $CaCO_3$ is considered high-quality quarriable limestone; however, it often depends on the impurities present. Generally, dolomite does not interfere with lime processing, while silica has a strong adverse effect. Often the limestone is considered poor quality if it contains greater than 2% SiO_2.

3.1 UNIT 1 - FOOTWALL

Unit 1 is broadly comprised of three zones. The lowest zone has been identified as a waste interval due to high SiO_2 and $MgCO_3$ content. It forms the probable base of quarry development and consists of dark-grey, strongly carbonaceous dolomitic lime wackestone to packstone in fining upwards cycles with discrete very-dark-grey to black, carbon-rich siliceous dolomitic mudstone interbeds. This zone is relatively consistent throughout the drilling area, and is defined on the presence of carbonaceous and siliceous mudstone interbeds.

The middle and upper zones both consist of dark-grey, carbonaceous dolomitic lime wackestone to packstone in fining upwards cycles. The major difference from the lower zone is the lack of carbon-rich siliceous mudstone interbeds. Although the lithologies of the middle and upper zones are the nearly identical, the two zones are distinguished based on dolomite content. The middle zone generally contains more than 4% $MgCO_3$, whereas the upper zone contains less than 4% $MgCO_3$. The upper contact is somewhat gradational, and is generally placed where the carbonaceous intervals become rare.

3.2 UNIT 2

Unit 2 is a massive reef complex that primarily consists of stromatoporoid-rich lime boundstone. The unit is generally bioclast-rich and diverse, commonly containing stromatoporoids, colonial and lesser solitary coral, crinoid ossicles and stems, abundant shells (brachiopods, bivalves, and gastropods), and shell fragments. The unit is commonly interbedded with packstone and grainstone, and differences are believed to be related to water level changes within the same reefal environment. Occasionally, calcite is present as irregular primary reefal porosity infill. Rarely, minimal secondary dolomite is present, and is suspected to be structurally controlled.

Unit 2 ranges in thickness throughout the drilling area; it is typically 40-80 m thick, but reaches 140 m in the core of the reef complex. The unit consistently returns grades greater than 98% $CaCO_3$ and is therefore an important part of any potential quarriable resource.

The upper contact is also gradational, and is often placed at the onset of continuous carbonaceous intervals.

3.3 UNIT 3

Unit 3 is distinguished from units 2 and 4 by its carbonaceous character. The unit can be divided into upper and lower zones based on the proportion of bioclasts visible at a hand lens scale. Generally, the lower zone consists of lime mudstone to packstone in fining upwards cycles. It is bioclast-rich, whereas the overlying zone is gradationally bioclast-poor. The majority of the lower zone of is often ore-grade; however, weakly dolomitic horizons are common. The upper zone is comprised of fine-grained dolomitic limestones, a carbonaceous dolomitic lime mudstone, and dolomudstone. The upper zone is not commonly intercepted in the drilling area. The dolomitic and carbonaceous horizons are occasionally accompanied by a small increase in silica, but not consistently. No cycles or coarse-grained fossils are evident. The upper contact is again gradational, and is placed at the top of the uppermost carbonaceous interval.

Unit 3 is sometimes difficult to correlate and highly variable in thickness, ranging from a few metres to over 50 m in thickness. Although its quality is lower than that of units 2 or 4, ore blending should allow it to be included in a larger potential quarriable resource.

3.4 UNIT 4

Like Unit 2, Unit 4 is distinctly non-carbonaceous. It generally consists of lime wackestone to packstone/grainstone fining upwards cycles. The lower zone is comprised of a bioclast-rich reefal limestone (similar to Unit 2) that grades into a bioclast-poor, or at least lacking in large bioclast, variant. This zone is primarily noted in the holes west of the cut block. The upper zone consists of distinctly ooid-rich, packstone-grainstone intervals. The oolitic nature has only been noted in holes PAT07-01, -13 and -14; however, it is often difficult to identify during logging due to its extremely fine grain size and/or bleaching. Many of the holes contain significant calcite veining and/or bleaching, and the ooids may have been overprinted. Additionally, the upper zone may often be mistaken as the lower zone, which is commonly described as granular, with bioclasts being too fine-grained to identify. The upper contact of Unit 4 is gradational, and is placed at the onset of continuous carbonaceous intervals.

The thickness of Unit 4 ranges from 30 m in the northern part of the Property to over 150 m in some of the southern/western holes. Overall, Unit 4 generally returns $CaCO_3$

values in excess of 95%, and together with Unit 2, should form the bulk of a potential quarriable resource on the Property. Impurities are generally thought to be structurally related where present.

3.5 UNIT 5

Unit 5 can be distinguished from Unit 4 by its carbonaceous nature; it is generally quite thin and distinct. Unit 5 primarily consists of dark-grey carbonaceous lime mudstone to packstone in fining upwards cycles; the unit tends to be relatively dolomitic near the base and gradually less so towards the top. The upper part consists of semi-massive dolomudstone, similar to that seen at the top of Unit 3. Here, the high $MgCO_3$ content is believed to be primary. Locally the unit is quite siliceous, which also aids in its identification. The upper contact is gradational, and is placed at the transition to less carbonaceous/dolomitic limestone intervals.

Unit 5 ranges in thickness from a few metres up to 70 m, although is more commonly 30-50 m thick. Overall, the quality of Unit 5 is poor, with a consistently high $MgCO_3$ content and locally high SiO_2 content. However, it could likely also be blended in a potential larger quarriable resource.

3.6 UNIT 7

Unit 7 is generally only present along the southern margins of the drilled area. Lithologically, it is nearly identical to Unit 4 and consists of variably-dolomitic, lime mudstone to packstone/grainstone in fining upwards cycles. Bioclast-rich zones include corals, stromatoporoids, crinoid stems/ossicles, ooids, shell fragments and rare gastropods. Calcite veinlets and calcite healed fractures, with local associated bleaching, are abundant throughout. Unit 7 is variably, but overall less carbonaceous than Unit 5; carbon content varies from dark bands and fractures to locally strong and pervasive. The upper contact is gradational, but sharper than other contacts, and is placed at the onset of continuous carbonaceous mudstone interbeds.

Unit 7 has only been intercepted in five drill holes, and reaches a maximum thickness of 64 m. The quality is somewhat variable, but overall the unit could potentially be considered as quarriable with minimal blending.

3.7 UNIT 6 - HANGINGWALL

Unit 6 is comprised of a mix of low-quality carbonaceous limestones and siliceous/carbonaceous mudstones. The lower contact should be considered as the upper limit to any potential quarriable ore zone. The unit consists of carbonaceous, fine-grained wackestone to packstone-grainstone fining upwards cycles with discrete carbon-rich siliceous dolomitic mudstone interbeds. The mudstone interbeds are homogeneous, sooty, and very argillaceous throughout.

Drill core assay results from PAT14-01 confirmed the overall poor quality of the unit, with SiO_2 values ranging from 21.52% to 27.12% over the sampled 6 m.

4. 2014 EXPLORATION WORK

4.1 DIAMOND DRILLING

The diamond drilling was conducted under Mines Act Permit MX-11-198, originally obtained in January 2014, and extended to the end of 2018. Five NQ diamond drill holes totaling 933.91 m, and four HQ diamond drill holes totaling 910.74 m, were completed between February 20 and April 1, 2014 (Table 4.1).

The 2014 drill holes were completed within Pat 1-2 and Pat 13 (Fig. 4.1), and were drilled within and around cut block 59/12. Surveyed handheld GPS drillhole locations and detailed descriptions are included in the geotechnical logs (Appendix 5). Dahrouge personnel completed downhole deviation surveys on each drill hole using a Multi-Shot EZ Trac Downhole Survey Tool. The survey data is summarized in Appendix 7.

Where possible, drill targets were positioned along existing roads and trails; however, rehabilitation and some road construction were required. A Licence to Cut (L49871) was obtained from the BC Ministry of Forests in January 2014. Tiani Trucking was hired to conduct the required roadwork, including snow clearing, grading and removal of merchantable timber.

The drilling was contracted to Glen's Diamond Drilling of Logan Lake, BC. The diamond drill was a self-contained, skid-mounted Longyear 38. The drillers also provided a D6 Cat, which was utilized to clear access, level drill pads, and perform other drilling-related activities on site. Other equipment included four-wheel-drive trucks and a water truck, which was contracted from Grandview Water Haulers of Prince George.

Logging of the core was conducted at a privately owned garage 10 km east of Prince George, approximately 3 km south of the Yellowhead Highway along Blackburn Rd (Fig. 1.3). Carbonate units were quality assessed utilizing a muriatic acid bath for etching. Core recovery and RQD percentages for each drill hole were calculated and are summarized in geotechnical logs (Appendix 6).

The logged core was split with a manual core splitter, and sampled. A total of 917 samples were collected and shipped via Purolator to the Central Analytical Laboratory of Graymont Western U.S. Inc. in Salt Lake City, Utah for analyses by ICP techniques (Appendices 2 & 3). An additional 18 samples were sent to Loring Laboratories in Calgary, Alberta for whole-rock analysis (Appendix 4). The remaining core was replaced in the core boxes and is currently stored on a privately owned acreage approximately 30 km east of Prince George.

White calcite blebs, stringers, and veins were common throughout. Surficial staining and variable fractures were present, especially in the upper part of the holes. Strongly fractured intervals were typically accompanied by rusty staining or rusty unconsolidated clay-like material. Stylolites were relatively abundant, some with black carbonaceous material, others with red hematitic material.

TABLE 4.1: 2014 DRILL HOLE SUMMARY

Drill Hole	From (m)	To (m)	Length (m)	Stratigraphic Unit *
PAT14-01	0	49.98	49.98	Overburden
PAT14-01	49.98	132.89	82.91	6
PAT14-01	132.89	196.9	64.01	7
PAT14-01	196.9	248.72	51.82	5
PAT14-02	0	52.45	52.45	Overburden
PAT14-02	52.45	118.91	66.46	5
PAT14-02	118.91	195	76.09	4
PAT14-02	195	207	12	3
PAT14-02	207	249	42	2
PAT14-02	249	276.45	27.45	1
PAT14-03	0	9.15	9.15	Overburden
PAT14-03	9.15	102.62	46.13	4
PAT14-03	102.62	110.12	7.5	3
PAT14-03	110.12	203	92.88	2
PAT14-03	203	221.59	18.59	1
PAT14-04	0	3.05	3.05	Overburden
PAT14-04	3.05	54.83	31.83	4
PAT14-04	54.83	63.19	8.36	3
PAT14-04	63.19	149	85.81	2
PAT14-04	149	185.01	36.01	1
PAT14-05	0	16.46	16.46	Overburden

PAT14-05	16.46	63.5	47.04	7
PAT14-05	63.5	111.81	48.31	5
PAT14-05	111.81	151	39.19	4
PAT14-05	151	165.07	14.07	3
PAT14-05	165.07	214.25	49.18	2
PAT14-05	214.25	282.55	68.3	1
PAT14-06	0	15.24	15.24	Overburden
PAT14-06	15.24	34.22	11.37	7
PAT14-06	34.22	78.53	44.31	5
PAT14-06	78.53	132.5	53.97	4
PAT14-06	132.5	154.92	22.42	3
PAT14-06	154.92	252.07	45.98	2
PAT14-07	0	9.14	9.14	Overburden
PAT14-07	9.14	23.21	14.07	5
PAT14-07	23.21	41	17.79	4
PAT14-07	41	53.19	12.19	3
PAT14-07	53.19	119.5	66.31	2
PAT14-07	119.5	151.49	31.99	1
PAT14-08	0	9.14	9.14	Overburden
PAT14-08	9.14	31.27	22.13	5
PAT14-08	31.27	68	36.73	4
PAT14-08	68	82.9	14.9	3
PAT14-08	82.9	146.04	63.14	2
PAT14-08	146.04	154.53	8.49	1
PAT14-09	0	72.24	72.24	Overburden

* defined during the 2014 drill program, for correlation of drill holes (Section 3)

4.2 ACCESS TRAIL AND DRILL SITE CONSTRUCTION

Prior to commencement of drilling, nine drill pads and several new trails were constructed and a network of pre-existing trails were cleared of snow and debris (Fig. 4.1). Where possible, pre-existing trails were used to access drill pads, in an attempt to minimize the amount of new disturbance. Bateman Creek Road was cleared of snow and subsequently iced over to provide access to the newly constructed trails. This work was completed by Tiani Trucking (0772732 B.C. Ltd.) and was ongoing throughout to support drilling activities.

4.3 SURVEYING

At the conclusion of the diamond drilling, Graymont contracted McElhanney Associates Land Surveying Ltd. (McElhanney) to survey the mineral claims on the Property. The completed survey is summarized in Appendix 9.

5. DISCUSSION AND CONCLUSIONS

Carbonate units of the Slide Mountain and Cariboo terranes were examined during the winter 2014 drill program, which was supervised by personnel from Dahrouge. A total of nine diamond drill holes, totalling 1844.65 m, were completed. In addition, a total of 935 half or quarter core samples were collected and sent for whole-rock analysis.

The structure of the Pat project area is complex; however, correlating units in a gross overall aspect has proven useful. The most important correlations in determining a potential quarriable resource are defining the base of Unit 1 and the top of Unit 6

Thick sequences of high-quality limestone were confirmed and identified in the majority of the 2014 drill holes. The most significant intervals included a 76.09 m thick intersection of Unit 4 in PAT14-02, which averaged 97.77% $CaCO_3$, and a 92.88 m thick intersection of Unit 2 in PAT14-03, which averaged 97.95% $CaCO_3$. Units 3 and 5 returned highly variable results, but could potentially be blended with higher quality units to form a larger quarriable resource. The newly identified Unit 7 was generally high-quality, but also quite variable; the most significant intersection was in PAT14-01, where it averaged 97.11% $CaCO_3$ over 64.01 m. Units 1 and 6 continue to show poor grades, and will likely define the footwall and hangingwall, respectively, of the deposit. The analytical results showed some variability within each stratigraphic unit, due to minor secondary dolomitization.

Future exploration should consist of additional infill drilling and detailed structural analysis of existing core, which will assist in further identifying local structural features.

PROFESSIONAL GEOLOGIST
PATRICK KLUCZNY
ALBERTA

P. Kluczny, B.Sc., P.Geol.

K. Krueger, B.Sc., Geo. I.T.

Edmonton, Alberta
2015 04 20

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LEGEND

- Provincial capital
- Other populated places
- Trans-Canada Highway
- Major road
- Ferry route
- International boundary
- Provincial boundary

Scale

100 km — 0 — 100 — 200 — 300 km

GRAYMONT WESTERN CANADA INC.
DAHROUGE GEOLOGICAL CONSULTING LTD. EDMONTON, ALBERTA
GISCOME AREA, BRITISH COLUMBIA Fig. 1.1 Location Map
WM 2014.05

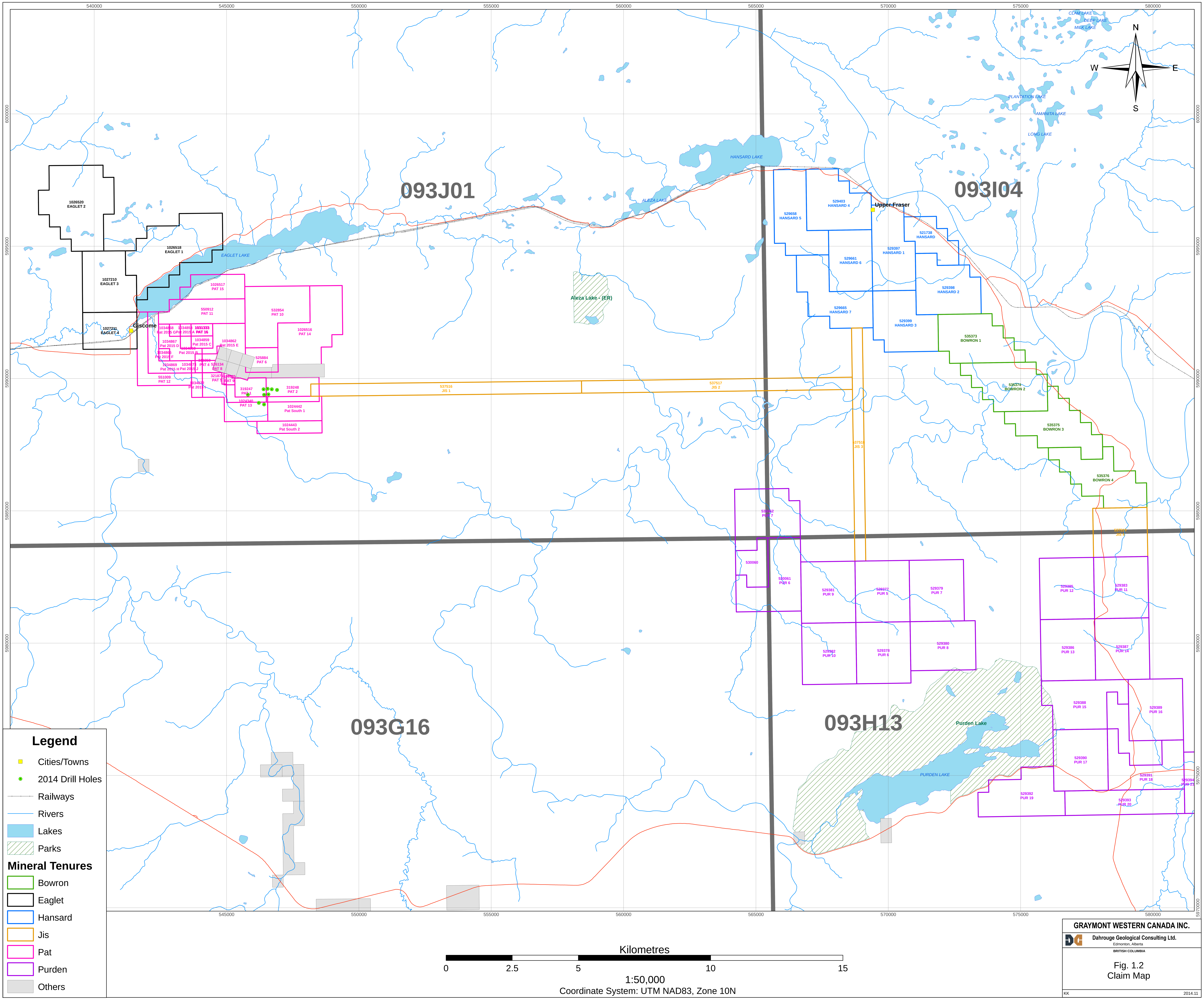


Fig. 1.2
Claim Map

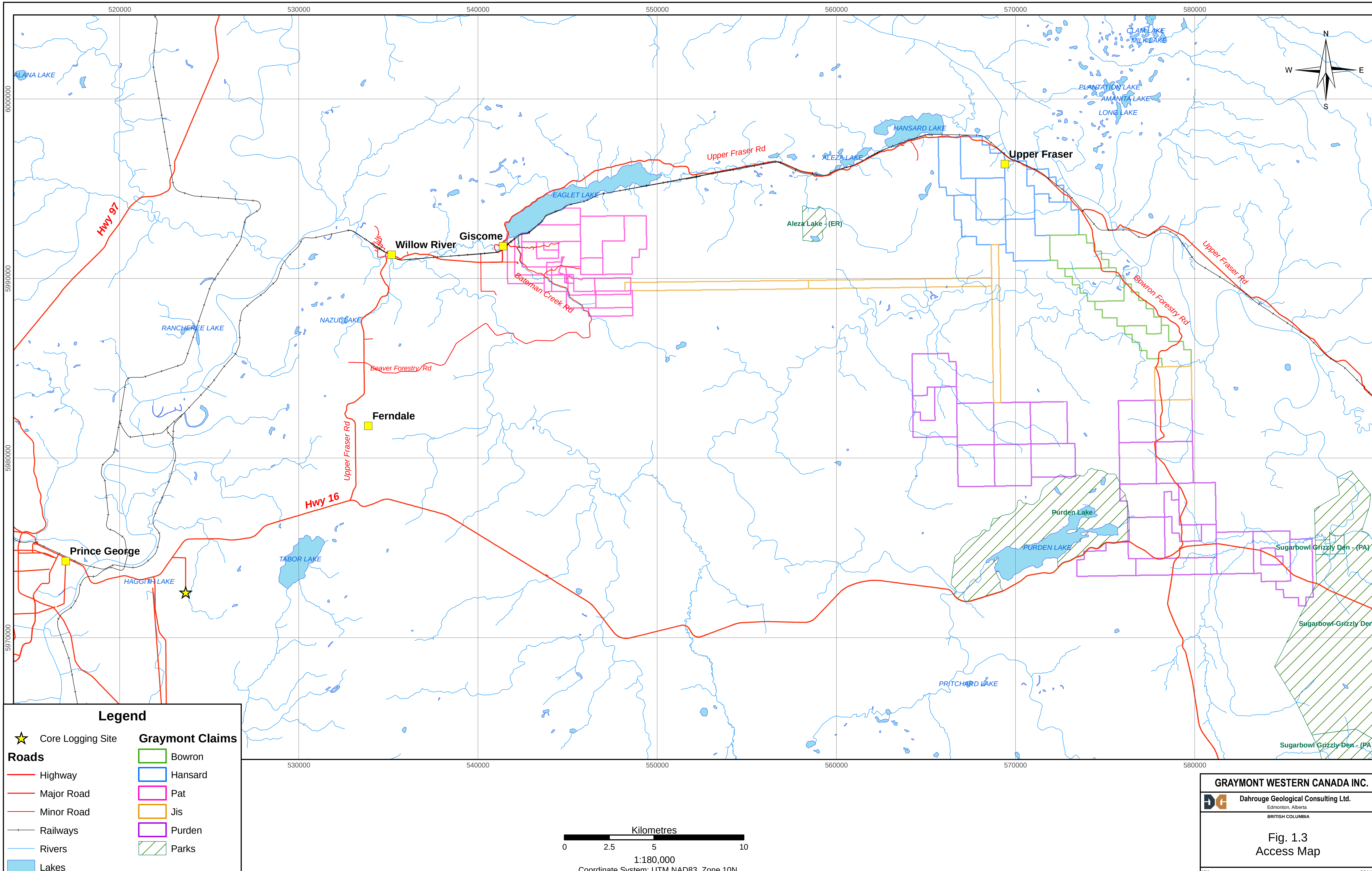
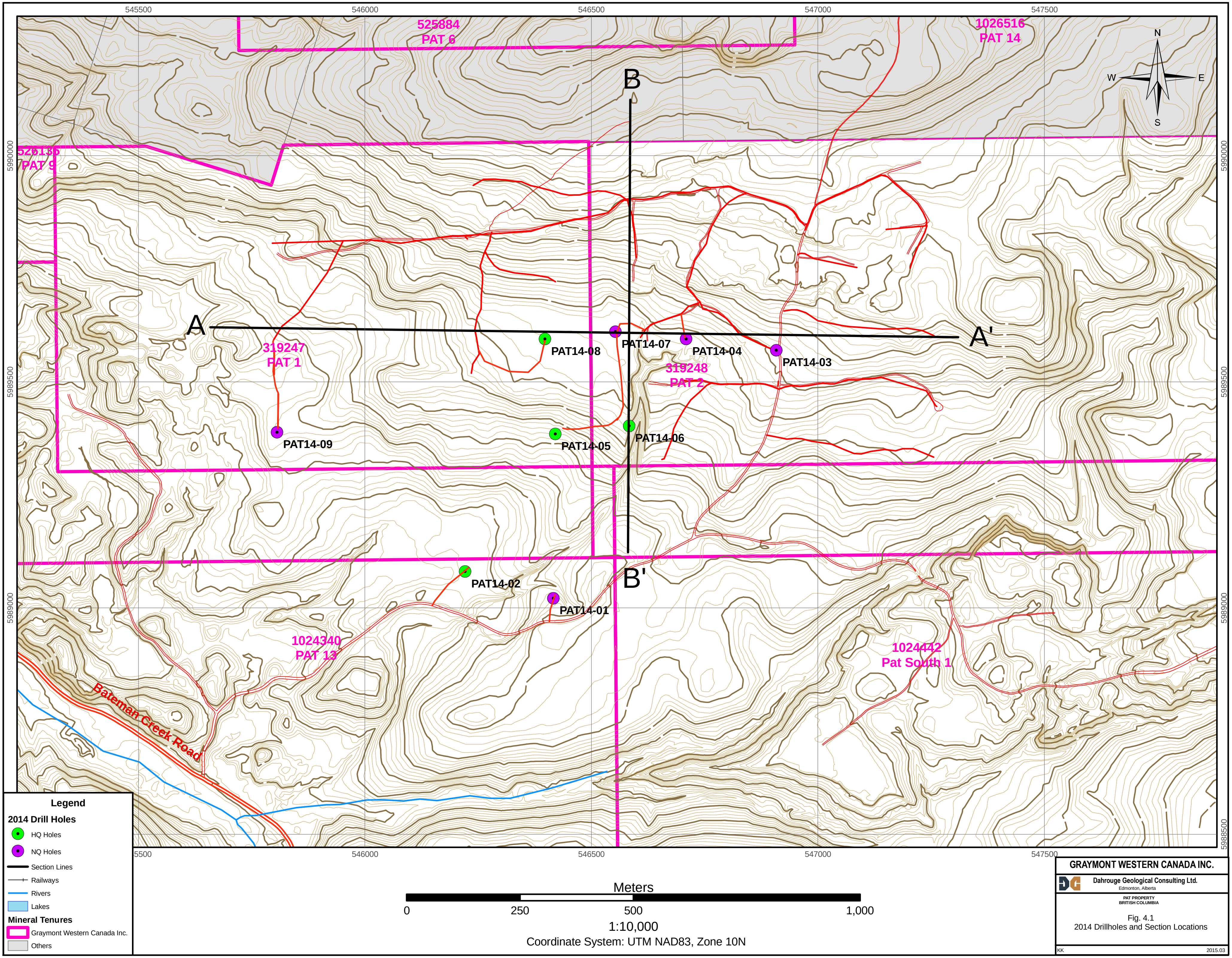


Fig. 1.3
Access Map

PLAN VIEW
A
A'
PAT14-04
PAT14-08
PAT14-07
PAT14-03
PAT14-09
PAT14-05
PAT14-06
PAT14-02
PAT14-01
319248
319247
525973
319249
546000
547000
5990000
5989000
Meters
0 250 500 1,000
N
S
E
W
% CaCO3 97.46
% MgCO3 1.19
% SiO2 0.41
83.14 4.86 8.18
98.21 0.73 0.53
94.51 3.51 1.03
94.28 4.00 0.67
97.17 1.61 0.50
81.37 15.84 1.62
93.94 1.25 2.72
95.96 3.35 0.30
90.86 6.45 1.56
93.76 5.71 0.18
88.78 10.56 0.33
98.30 1.08 0.23
91.42 7.06 0.74
98.22 1.06 0.25
96.30 1.63 0.88
98.39 0.75 0.19
97.11 1.93 0.21
95.15 1.72 1.42
89.74 7.77 1.22
94.61 3.59 0.57
70.49 6.77 11.01
500 Y
400 Y
600 X
800 X
1000 X
1200 X
1400 X
1600 X
Unit 1
Unit 2
Unit 3
Unit 4
Unit 5
Unit 6
Overburden
Unit 7
Pit Shell
Total Depth:
P06-08 178.92m
PAT14-08 154.53m
PAT14-07 151.49m
PAT14-04 185.01m
P94-4 85.04m
P02-02 172.82m
P07-03 90.52m
Legend
2014 Drill Holes
HQ Holes
NQ Holes
Railways
Rivers
Lakes
Tenures
Graymont Western Canada Inc.
Pacific Lime Products (1997) Ltd.
1:975
Coordinate System: UTM NAD83, Zone 10N
GRAYMONT WESTERN CANADA INC.
Dahrouge Geological Consulting Ltd.
Edmonton, Alberta
PAT PROPERTY
BRITISH COLUMBIA
Fig. 3.1
Cross Section A - A'
KK
2015.04

B
B'
PLAN VIEW
N
S
W
E
525884
321875
526135
319247
319248
525973
319249
PAT14-07
PAT14-04
PAT14-08
PAT14-03
PAT14-09
PAT14-05
PAT14-06
PAT14-02
PAT14-01
Meters
545000
546000
547000
548000
% CaCO3 92.44
% MgCO3 5.78
% SiO2 0.87
81.72
17.71
0.21
96.48
2.88
0.23
95.49
3.00
0.95
85.86
4.55
6.77
95.39
3.73
0.36
95.85
2.62
0.77
93.38
4.68
0.67
93.94
1.25
2.72
81.37
15.84
1.62
96.71
2.05
0.40
85.97
7.59
3.85
95.96
3.35
0.30
89.94
7.23
1.48
90.66
6.45
1.56
600 Y
400 Y
200 Y
-200 X
0 X
200 X
400 X
600 X
Unit 1
Unit 2
Unit 3
Unit 4
Unit 5
Unit 6
Overburden
Unit 7
Pit Shell
Total Depth:
PAT14-06
252.07m
P06-17
154.53m
PAT14-07
151.49m
P93-3
127.71m
P06-11
108.81m
P93-4
28.35m
V.E: 0.93
1:985
Coordinate System: UTM NAD83, Zone 10N
Legend
2014 Drill Holes
HQ Holes
NQ Holes
Railways
Rivers
Lakes
Tenures
Graymont Western Canada Inc.
Pacific Lime Products (1997) Ltd.
GRAYMONT WESTERN CANADA INC.
Dahrouge Geological Consulting Ltd.
Edmonton, Alberta
PAT PROPERTY
BRITISH COLUMBIA
Fig. 3.2
Cross Section B - B'
KK
2015.04


545500
546000
546500
547000
547500
5990000
5989500
5989000
5988500
525884
PAT 6
1026516
PAT 14
526135
PAT 9
319247
PAT 1
319248
PAT 2
1024340
PAT 13
1024442
Pat South 1
N
S
W
E
A
A'
B
B'
PAT14-01
PAT14-02
PAT14-03
PAT14-04
PAT14-05
PAT14-06
PAT14-07
PAT14-08
PAT14-09
Bateman Creek Road
Legend
2014 Drill Holes
HQ Holes
NQ Holes
Section Lines
Railways
Rivers
Lakes
Mineral Tenures
Graymont Western Canada Inc.
Others
Meters
0
250
500
1,000
1:10,000
Coordinate System: UTM NAD83, Zone 10N
GRAYMONT WESTERN CANADA INC.
Dahrouge Geological Consulting Ltd.
Edmonton, Alberta
PAT PROPERTY
BRITISH COLUMBIA
Fig. 4.1
2014 Drillholes and Section Locations
KK
2015.03

F3

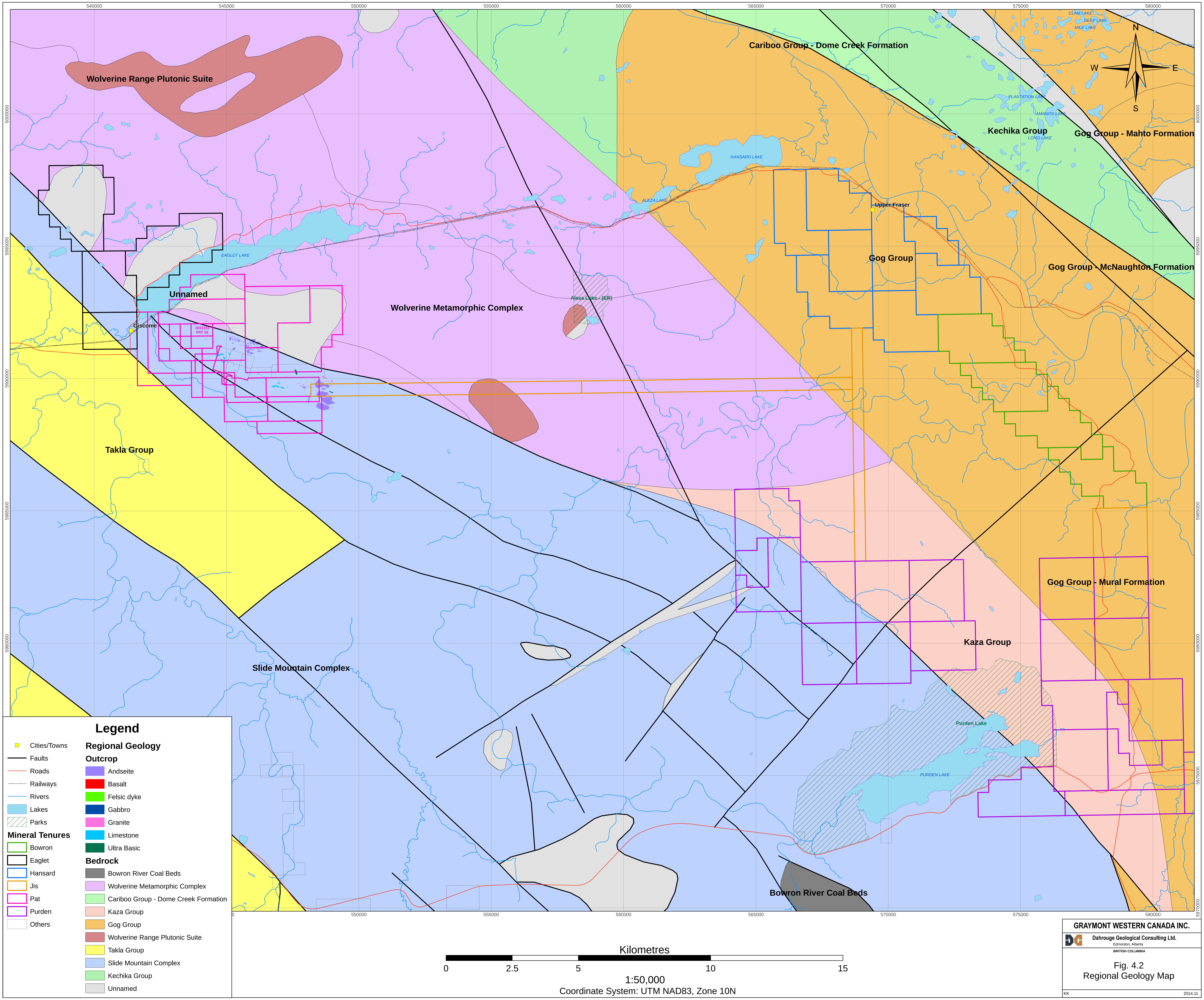


Fig. 4.2
Regional Geology Map

APPENDIX 1: ITEMIZED COST STATEMENT FOR 2014 EXPLORATION - GISCOME, BC

a) Personnel

J. Dahrouge, geologist						
1.5	days		Planning and supervision			
1.5	days	@	$ 940.00	$	1,410.00	
P. Kluczny, geologist						
12.9	days		Project planning, supervision			
12.9	days	@	$ 735.00	$	9,481.50	
B. Ulry, geologist						
16.0	days		Field work and travel (Feb 25 - Mar 12)			
4.8	days		Project preparations, data compilation			
20.8	days	@	$ 735.00	$	15,288.00	
D. Anderson, geologist						
3.0	days		Field work and travel (Feb 20 - 22)			
3.0	days	@	$ 500.00	$	1,500.00	
K. Krueger, geologist						
41.0	days		Field work and travel (Feb 20 - Apr 1)			
23.5	days		Project planning & preparations, reporting			
64.5	days	@	$ 460.00	$	29,670.00	
J. Sandersen, geologist						
4.5	days		Project preparations, data entry			
4.5	days	@	$ 460.00	$	2,070.00	
A. Gory, receptionist						
6.3	hours		Office work, logistics			
6.3	hours	@	$ 40.00	$	250.00	
						$ 59,669.50

FIELD WORK SUMMARY:
PAT Claims Drill Program (Feb 20-Apr 1)

Claims PAT 1, PAT 2, PAT 13, Pat South 1 (786.7 hectares)
Drill program, 935 core samples split and assayed, road building, snow clearing, surveying
Field Personnel: B. Ulry, D. Anderson, K. Krueger

b) Food and Accommodation

56	man-days	@	$ 177.28	Accommodations	$	9,927.74	
58	man-days	@	$ 60.50	Meals	$	3,509.00	
							$ 13,436.74

c) Transportation

Vehicles:	4X4 Truck Rental (Feb 20-Apr 1)	$	4,928.00	
	4X4 Truck Rental (Feb 25-Mar 12)	$	2,000.00	
	Mileage	$	93.06	
	Fuel	$	1,967.03	
				$ 8,988.09

d) Instrument Rental

Multi-Shot EZ-Trac Downhole Survey Tool (1)	$ 2,257.96		
Core Splitter	$ 1,078.00		
Satellite Phone (1)	$ 406.00		
Laptop (2)	$ 896.00		
Printer	$ 71.75		
Radios (5)	$ 511.52		
GPS Rental (2)	$ 224.00		
		$	5,445.22

e) Drilling

Drill rig & crew (Glen Shaw Drilling)	$ 252,276.03		
Water Truck (Grandview Water Hauling)	$ 70,385.50		
Snow removal, road construction (Tiani's Trucking)	$ 101,431.00		
		$	424,092.53

f) Analyses

			Central Lab of Graymont Western U.S. Inc. (917 core samples)				
917	samples	@	$ 4.50	Preparation fee	$ 4,126.50		
917	samples	@	$ 25.00	Sample analysis	$ 22,925.00		
			Loring Laboratories (18 core samples)				
18	samples	@	$ 67.20	Preparation and analysis	$ 1,209.60		
						$	28,261.10

g) Other

Surveying (McElhanney Consulting)	$ 18,574.84		
Courier and Shipping	$ 16,552.29		
Fees	$ 500.00		
Telephone	$ 138.60		
Field Supplies	$ 3,995.42		
Office Supplies & Administration	$ 1,904.98		
Plots	$ 25.00		
		$	41,691.13

Total	$	581,584.32

Patrick Kluczny, B.Sc., P.Geol.

Edmonton, Alberta
April 20, 2015

APPENDIX 2: ANALYTICAL LABORATORY INFORMATION AND TECHNIQUES

Name and Address of the Lab:

Graymont Western US Inc., Central Laboratory.
670 East 3900 South, Suite 200
Salt Lake City, Utah, 84107

Statement of Qualifications:

Jared Leikam obtained a B.S. in Chemistry from the University of Utah in the class of 2003. Jared started working for Graymont in February of 2004 and has been working with the ICP Spectrometer for two and a half years, under the direct supervision of Carl Paystrup (Lab Supervisor).

Vonda Stuart obtained a B.S. in Chemistry from Weber State University in 2004. Vonda started with Graymont in August of 2007 and started working in the ICP Lab the following September.

Sample Preparation, Procedures, Reagents, Equipment, etc.:

For the ICP sample preparation, 0.5 grams of the sample is mixed with 3 g of lithium carbonate. The sample and the lithium carbonate are then fused together in a muffle furnace at 850°C. Following the fusion process, the samples are dissolved in 1:1 HCl; a total of 40 mL 1:1 HCl is used in the dissolving process. The samples are then diluted to 200 mL and spiked with 10 ppm Co. Cobalt is used as an internal standard. At this point the samples are ready for analysis on the Perkin Elmer, Optima 7300V.

Mesh Size Fraction, Split and Weight of Sample:

Upon receiving the samples, the prep room technician riffles and then splits the stone down to a manageable size (roughly 200 g). The stone is then dried in an oven at 120ºC. Once the samples have been dried they get pulverized to a -200 mesh size. A split of this pulverized material is then sent for testing in the main part of the lab.

Quality Control Procedures:

The ICP spectrometer is calibrated with two certified reference materials prior to analyzing a batch of samples. A batch typically contains 96 samples. Every 12^{th} sample in a batch is a certified limestone reference sample. In addition to the 8 reference samples imbedded in the batch, there are 2 limestone reference samples analyzed at the beginning and at the end of the batch to ensure the accuracy of our Na and P numbers. Every element being analyzed in a sample is backed up by data from the certified reference materials. We also use an internal standard (10 ppm Co) to further ensure the quality and accuracy of the analysis.

APPENDIX 3: ASSAY RESULTS – CENTRAL ANALYTICAL LABORATORY OF GRAYMONT WESTERN U.S. INC

Lab ID	Sample Date	Plant	Sample Type	Remarks	CaCO3 %	MgCO3 %	SiO2 %	Fe2O3 %	Al2O3 %	Na2O ppm	K2O ppm	MnO ppm	SrO ppm	BaO ppm	P2O5 ppm	TiO2 ppm	ICP Total %	Sulfur %	LOI(1000) %
2014020906	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82301	53.22	7.11	21.52	1.637	3.255	4098	10407	420	1351	650	5995	2171	89.3	0.904	30.3
2014020907	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82302	43.96	4.79	25.45	2.106	2.772	2904	15853	312	1026	911	8373	2189	82.2	1.375	24.8
2014020908	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82303	47.40	5.96	27.12	1.505	2.878	3155	12798	324	648	785	2863	3010	87.2	1.321	25.5
2014020909	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82304	48.05	5.69	25.23	1.363	3.635	2254	15136	289	593	723	8117	2568	86.9	1.203	26.4
2014020910	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82305	95.83	1.19	0.84	0.111	0.166	76	473	33	597	77	19592	72	100.2	0.037	42.0
2014020912	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82306	97.33	1.17	0.47	0.116	0.085	56	204	33	544	47	6670	72	99.9	0.035	43.4
2014020913	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82307	97.61	1.65	0.25	0.115	0.117	59	299	36	470	42	649	91	99.9	0.042	43.8
2014020914	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82308	98.18	1.61	0.10	0.079	0.05	37	98	27	442	22	334	36	100.1	0.018	43.9
2014020915	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82309	98.47	1.30	0.10	0.08	0.055	37	105	29	461	34	266	38	100.1	0.020	43.9
2014020916	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82310	97.90	1.40	0.21	0.127	0.096	39	209	34	623	58	953	51	99.9	0.029	43.8
2014020917	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82311	97.63	1.51	0.19	0.076	0.088	43	214	32	711	75	713	47	99.7	0.020	43.9
2014020918	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82312	44.60	6.99	23.98	1.617	2.611	362	18014	333	557	694	5216	2632	82.6	1.276	27.4
2014020920	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82313	97.54	1.42	0.27	0.094	0.099	36	224	29	450	49	310	63	99.5	0.020	44.0
2014020921	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82314	98.20	1.28	0.09	0.067	0.044	30	67	23	418	27	97	34	99.7	0.017	44.0
2014020922	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82315	98.70	0.86	0.09	0.075	0.044	26	55	24	373	29	894	32	99.9	0.027	43.9
2014020923	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82316	98.74	0.73	0.06	0.088	0.035	45	48	29	352	24	438	24	99.7	0.022	44.0
2014020924	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82317	98.84	0.88	0.07	0.054	0.039	55	46	24	349	31	566	52	100.0	0.010	43.8
2014020925	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82318	98.99	0.79	0.06	0.051	0.034	63	50	22	321	25	330	19	100.0	0.012	43.9
2014020926	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82319	98.79	0.86	0.05	0.154	0.033	57	43	54	343	28	712	15	100.0	0.017	43.8
2014020927	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82320	99.00	0.90	0.06	0.089	0.034	59	48	31	334	28	686	33	100.2	0.011	43.7
2014020928	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82321	98.97	0.86	0.05	0.058	0.033	47	44	21	344	29	1499	33	100.2	0.016	43.7
2014020929	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82322	98.43	0.86	0.07	0.111	0.043	62	60	35	366	30	2609	44	99.8	0.025	43.9
2014020930	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82323	97.90	0.92	0.13	0.08	0.059	47	77	27	376	34	4528	67	99.6	0.018	43.4
2014020931	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82324	99.36	0.71	0.07	0.056	0.035	66	49	21	347	37	658	28	100.4	0.012	43.6
2014020932	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82325	99.00	0.71	0.09	0.122	0.05	81	90	34	355	42	1039	63	100.1	0.015	43.7
2014020933	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82326	98.77	1.00	0.07	0.082	0.038	75	72	28	332	36	1424	53	100.2	0.011	43.7
2014020934	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82327	99.16	0.67	0.05	0.054	0.032	62	47	20	399	52	547	19	100.1	0.014	43.9
2014020935	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82328	98.68	0.82	0.10	0.089	0.061	82	129	32	519	84	801	27	99.9	0.014	43.8
2014020936	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82329	99.00	0.69	0.09	0.065	0.05	73	96	30	318	63	746	54	100.0	0.019	43.8
2014020937	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82330	99.20	0.65	0.07	0.099	0.034	71	45	38	302	53	1003	36	100.2	0.008	43.5
2014020938	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82331	98.93	0.92	0.07	0.134	0.032	77	39	49	300	37	1056	40	100.2	0.007	43.7
2014020939	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82332	99.43	0.67	0.07	0.091	0.037	59	58	35	251	36	953	61	100.4	0.009	43.6
2014020940	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82333	99.06	0.65	0.04	0.112	0.03	73	48	49	247	31	349	12	100.0	0.007	43.7
2014020941	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82334	99.47	0.54	0.10	0.112	0.031	65	48	43	234	31	355	77	100.3	0.011	43.6
2014020942	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82335	99.02	0.69	0.08	0.1	0.039	60	58	37	343	46	593	76	100.1	0.012	43.5
2014020943	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82336	96.97	2.32	0.27	0.112	0.089	78	231	48	490	48	2958	56	100.2	0.020	43.5
2014020944	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82337	96.93	2.45	0.44	0.099	0.104	67	257	48	437	43	3755	50	100.5	0.022	43.3
2014020945	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82338	98.31	1.13	0.21	0.109	0.106	45	255	46	507	45	2741	46	100.2	0.023	43.5
2014020946	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82339	97.31	1.97	0.27	0.097	0.142	76	341	32	492	43	3755	68	100.3	0.026	43.5
2014020947	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82340	97.54	1.99	0.24	0.083	0.128	80	315	29	481	39	3510	59	100.4	0.027	43.4
2014020948	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82341	96.47	2.01	0.38	0.096	0.134	70	303	43	438	40	6040	60	99.8	0.026	43.1
2014020949	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82342	97.99	1.28	0.13	0.085	0.076	61	164	36	437	47	1518	38	99.8	0.018	43.6
2014020950	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82343	98.13	1.42	0.12	0.116	0.075	82	166	39	444	35	1670	27	100.1	0.019	43.5
2014020952	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82344	97.82	1.72	0.13	0.106	0.08	55	171	42	457	40	1897	38	100.1	0.018	43.5
2014020953	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82345	97.04	2.38	0.18	0.101	0.107	65	223	41	470	37	2204	61	100.1	0.021	43.5
2014020954	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82346	96.79	2.38	0.26	0.091	0.143	53	320	36	467	38	2370	80	100.0	0.022	43.5
2014020955	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82347	97.33	1.78	0.21	0.161	0.12	67	281	50	415	41	2081	82	99.9	0.026	43.7
2014020956	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82348	95.95	2.89	0.79	0.12	0.185	76	449	49	375	47	1791	129	100.2	0.028	43.4
2014020957	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82349	97.59	1.38	0.52	0.105	0.143	62	349	43	461	59	1188	64	100.0	0.029	43.6
2014020958	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82350	97.20	2.09	0.41	0.129	0.154	56	345	61	486	72	1015	104	100.2	0.057	43.5
2014020959	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82351	99.20	0.56	0.06	0.067	0.034	63	53	28	300	44	528	16	100.0	0.008	43.0

2014020960	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82352	99.15	0.59	0.16	0.074	0.029	71	31	34	286	39	349	22	100.1	0.009	43.2
2014020961	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82353	99.00	0.56	0.07	0.09	0.034	76	42	32	301	49	644	20	99.9	0.008	43.3
2014020962	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82354	98.93	0.67	0.05	0.088	0.029	78	37	28	319	48	969	21	99.9	0.009	43.3
2014020963	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82355	99.07	0.63	0.05	0.066	0.029	84	38	28	331	52	1034	27	100.0	0.010	43.3
2014020964	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82356	98.63	0.82	0.18	0.098	0.088	80	143	39	348	56	1055	41	100.0	0.008	43.2
2014020965	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82357	97.54	2.20	0.18	0.087	0.089	80	158	29	259	46	741	60	100.2	0.009	43.1
2014020966	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82358	96.45	3.47	0.06	0.06	0.045	66	80	28	246	44	688	21	100.2	0.009	43.4
2014020967	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82359	98.77	1.13	0.05	0.078	0.034	73	58	30	259	45	1303	14	100.2	0.010	43.1
2014020968	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82360	98.79	1.11	0.05	0.063	0.031	65	44	26	247	42	676	26	100.2	0.008	43.0
2014020969	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82361	98.90	0.84	0.05	0.05	0.033	35	34	24	267	44	450	34	100.0	0.009	43.1
2014020970	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82362	98.45	0.98	0.29	0.055	0.029	65	33	23	272	43	651	26	99.9	0.014	43.3
2014020971	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82363	98.95	0.96	0.08	0.07	0.036	93	47	28	291	45	180	36	100.2	0.011	43.0
2014020972	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82364	98.23	1.49	0.05	0.053	0.028	43	23	19	284	46	146	37	99.9	0.008	43.1
2014020973	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82365	97.25	2.34	0.05	0.061	0.031	60	28	25	325	45	214	21	99.8	0.010	43.3
2014020974	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82366	93.83	5.71	0.05	0.085	0.032	63	36	32	369	46	280	28	99.8	0.013	43.6
2014020975	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82367	92.38	7.55	0.42	0.085	0.035	72	35	44	277	44	392	23	100.6	0.012	43.9
2014020976	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82368	94.22	5.84	0.06	0.067	0.043	46	53	27	257	46	835	24	100.4	0.012	43.8
2014020977	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82369	97.81	2.38	0.05	0.072	0.04	69	66	32	261	54	2710	52	100.7	0.013	43.5
2014020978	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82370	98.07	1.55	0.09	0.057	0.045	63	86	30	245	48	1000	73	100.0	0.010	43.3
2014020979	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82371	96.34	3.10	0.23	0.083	0.053	56	99	41	243	49	476	86	99.9	0.008	43.5
2014020980	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82372	90.36	9.33	0.17	0.076	0.05	71	75	37	232	34	605	39	100.1	0.010	43.9
2014020981	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82373	93.70	5.84	0.37	0.112	0.059	87	128	47	240	40	602	51	100.2	0.012	43.4
2014020982	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82374	91.86	7.93	0.22	0.096	0.072	70	140	46	248	45	1103	82	100.4	0.012	43.5
2014020983	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82375	98.09	1.84	0.15	0.063	0.05	64	104	34	257	50	1101	53	100.4	0.010	43.1
2014020984	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82376	96.99	2.57	0.07	0.164	0.051	68	72	53	274	53	744	60	100.0	0.007	43.1
2014020985	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82377	90.38	9.35	0.28	0.095	0.153	71	388	41	265	60	1156	145	100.5	0.015	43.8
2014023042	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82378	84.10	14.58	0.91	0.115	0.246	89	683	39	298	78	765	153	100.2	0.028	44.1
2014023043	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82379	88.54	11.13	0.12	0.118	0.073	62	144	37	290	47	1569	75	100.2	0.011	44.0
2014023044	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82380	91.08	8.74	0.13	0.098	0.071	70	145	35	293	48	2434	65	100.4	0.009	43.9
2014023045	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82381	98.27	0.86	0.38	0.086	0.08	128	195	31	341	53	619	46	99.8	0.010	43.2
2014023046	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82382	98.98	0.61	0.18	0.139	0.046	52	80	46	340	50	590	24	100.1	0.009	43.1
2014023047	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82383	97.20	2.59	0.08	0.112	0.056	40	101	40	320	55	690	36	100.2	0.009	43.3
2014023048	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82384	98.48	1.40	0.08	0.093	0.048	39	87	35	324	55	787	64	100.2	0.011	43.2
2014023049	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82385	98.98	0.61	0.06	0.097	0.05	36	79	40	269	40	1150	24	100.0	0.009	43.0
2014023050	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82386	97.82	0.75	0.61	0.195	0.306	81	484	86	276	64	2217	181	100.0	0.007	42.7
2014023051	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82387	95.97	3.51	0.15	0.079	0.083	63	174	44	265	46	1301	46	100.0	0.008	43.1
2014023052	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82388	99.04	0.69	0.07	0.053	0.047	98	90	36	240	41	505	30	100.0	0.007	42.9
2014023053	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82389	98.66	0.67	0.14	0.084	0.082	42	182	38	330	57	1163	42	99.8	0.011	43.0
2014023054	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82390	98.57	0.67	0.19	0.085	0.1	42	223	38	402	90	1129	70	99.8	0.009	43.0
2014023055	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82391	98.61	0.69	0.19	0.103	0.116	48	290	34	395	80	1365	70	99.9	0.008	43.0
2014023056	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82392	98.68	0.63	0.11	0.066	0.073	42	164	27	341	67	2032	47	99.8	0.009	42.9
2014023057	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82393	98.93	0.77	0.08	0.063	0.055	45	91	25	369	59	519	50	100.0	0.010	42.9
2014023058	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82394	98.63	0.73	0.10	0.074	0.061	61	117	28	352	61	669	41	99.7	0.014	43.1
2014023059	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82395	98.50	0.73	0.18	0.076	0.062	154	108	38	348	85	1597	41	99.8	0.024	43.4
2014023060	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82396	98.40	0.79	0.18	0.067	0.051	73	82	28	298	88	733	37	99.6	0.017	43.4
2014023061	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82397	97.84	1.11	0.60	0.175	0.222	57	615	34	346	148	1052	192	100.2	0.103	43.2
2014023062	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_92398	97.32	1.59	0.54	0.144	0.152	53	389	33	331	127	796	140	99.9	0.085	43.3
2014023063	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82399	98.15	1.05	0.31	0.104	0.113	58	280	27	318	139	734	99	99.9	0.052	43.5
2014023064	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82400	98.32	1.11	0.10	0.076	0.065	40	146	26	294	80	1131	44	99.9	0.025	43.5
2014023065	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82401	98.11	1.17	0.23	0.091	0.122	43	336	27	303	100	624	76	99.9	0.031	43.9
2014023066	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82402	98.40	0.84	0.29	0.105	0.141	42	398	27	305	94	1102	107	100.0	0.038	43.7
2014023067	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82403	98.66	0.92	0.12	0.101	0.073	43	177	30	304	89	925	49	100.0	0.020	43.8
2014023068	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82404	98.70	0.73	0.12	0.087	0.066	45	146	29	295	85	930	45	99.9	0.012	43.7
2014023069	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82405	98.45	0.63	0.10	0.089	0.062	42	130	32	266	74	1310	36	99.5	0.008	43.9

2014023070	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82406	98.57	0.56	0.07	0.068	0.046	44	80	37	214	55	786	26	99.4	0.010	43.9
2014023071	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82407	99.02	0.54	0.14	0.051	0.054	50	102	38	237	56	552	32	99.9	0.009	43.6
2014023072	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82408	98.50	0.71	0.33	0.149	0.173	45	504	39	294	59	789	165	100.1	0.007	43.4
2014023073	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82409	98.31	0.88	0.39	0.118	0.195	45	571	28	330	86	741	148	100.1	0.028	43.6
2014023074	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82410	98.02	1.38	0.29	0.118	0.142	56	410	31	327	59	661	104	100.1	0.048	43.7
2014023075	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82411	98.07	0.94	0.38	0.125	0.16	73	455	34	338	64	557	139	99.8	0.068	43.6
2014023076	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82412	96.79	1.36	0.94	0.207	0.316	56	885	47	312	65	1347	234	99.9	0.116	43.1
2014023077	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82413	96.54	1.30	1.15	0.228	0.391	58	1161	45	342	83	886	291	99.9	0.140	43.0
2014023078	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82414	95.42	2.49	1.09	0.144	0.369	69	1151	43	338	85	835	253	99.8	0.082	43.3
2014023079	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82415	95.68	1.19	1.81	0.335	0.64	540	1935	48	363	84	992	481	100.1	0.216	42.4
2014023080	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82416	96.38	1.38	1.22	0.193	0.336	58	949	47	335	74	721	236	99.8	0.100	43.1
2014023081	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82417	97.22	1.69	0.50	0.156	0.21	56	582	47	311	68	571	147	100.0	0.067	43.6
2014023082	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82418	97.38	0.96	0.75	0.194	0.307	57	860	43	356	87	516	202	99.8	0.079	43.4
2014023083	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82419	97.81	0.92	0.50	0.153	0.258	51	723	34	382	94	643	179	99.8	0.079	43.5
2014023084	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82420	98.18	0.90	0.45	0.115	0.211	67	593	34	377	92	770	148	100.1	0.065	43.5
2014023085	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82421	98.11	0.90	0.40	0.093	0.214	49	600	43	324	101	2192	155	100.1	0.012	43.3
2014023086	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82422	98.98	0.79	0.07	0.058	0.05	39	83	43	317	68	535	32	100.1	0.008	43.5
2014023087	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82423	98.66	0.79	0.13	0.056	0.078	51	184	45	357	93	1386	54	99.9	0.010	43.7
2014023088	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82424	94.40	4.00	0.49	0.125	0.262	75	779	48	331	110	4681	183	99.9	0.010	43.5
2014023089	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82425	98.31	1.13	0.11	0.089	0.06	141	123	42	313	61	1213	36	99.9	0.008	43.5
2014023090	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82426	97.84	1.40	0.16	0.077	0.096	55	237	40	351	79	2406	57	99.9	0.010	43.4
2014023091	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82427	98.86	0.79	0.13	0.086	0.07	45	140	40	350	72	684	43	100.1	0.011	43.4
2014023092	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82428	98.66	0.94	0.05	0.065	0.04	42	58	40	331	60	568	15	99.9	0.008	43.5
2014023093	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82429	99.20	0.77	0.06	0.066	0.039	43	49	42	333	64	424	20	100.2	0.009	43.5
2014023094	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82430	98.82	0.90	0.23	0.044	0.045	69	67	39	329	69	648	37	100.2	0.011	43.5
2014023095	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82431	98.38	1.21	0.07	0.048	0.052	70	93	42	342	82	1150	25	99.9	0.010	43.5
2014023096	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82432	98.77	1.00	0.14	0.061	0.061	67	119	41	334	82	1472	34	100.3	0.009	43.5
2014023097	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82433	99.04	0.82	0.12	0.046	0.045	52	70	41	342	79	527	18	100.2	0.008	43.5
2014023098	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82434	98.00	1.03	0.10	0.045	0.063	49	139	40	350	75	5709	40	99.9	0.009	43.2
2014023099	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82435	98.34	1.17	0.15	0.053	0.05	51	88	41	316	72	2992	23	100.1	0.011	43.4
2014023100	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82436	98.79	0.92	0.14	0.053	0.035	53	39	43	345	76	552	18	100.0	0.013	43.4
2014023101	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82437	98.75	1.03	0.03	0.047	0.03	57	31	39	328	67	514	10	100.0	0.008	43.4
2014023103	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82438	98.91	0.77	0.05	0.057	0.036	48	38	39	328	68	603	12	99.9	0.009	43.3
2014023104	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82439	99.07	0.56	0.09	0.046	0.051	44	63	42	313	60	449	23	99.9	0.008	43.3
2014023105	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82440	99.20	0.59	0.05	0.049	0.042	68	54	42	305	60	461	29	100.0	0.009	43.3
2014023106	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82441	98.88	1.05	0.08	0.052	0.048	53	77	46	340	80	854	29	100.3	0.009	43.3
2014023107	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82442	98.93	0.82	0.06	0.034	0.042	51	58	39	351	78	653	27	100.0	0.008	43.4
2014023108	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82443	94.29	5.08	0.21	0.067	0.082	60	188	50	336	91	1654	40	100.0	0.012	43.5
2014023109	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82444	98.98	0.92	0.08	0.046	0.043	49	67	35	311	67	661	23	100.2	0.011	43.3
2014023110	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82445	99.02	0.92	0.06	0.044	0.049	44	76	40	331	68	1054	44	100.3	0.009	43.1
2014023111	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82446	98.41	1.13	0.10	0.054	0.056	54	88	41	324	72	1609	29	100.0	0.007	43.2
2014023112	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82447	99.09	0.77	0.05	0.043	0.04	57	52	41	352	89	539	18	100.1	0.007	43.4
2014023113	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82448	98.81	0.84	0.14	0.064	0.078	52	161	45	355	85	1778	41	100.2	0.010	43.3
2014023114	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82449	99.29	0.69	0.10	0.053	0.047	45	56	42	343	69	459	16	100.3	0.010	43.2
2014023115	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82450	99.25	0.67	0.07	0.049	0.051	54	88	43	339	71	450	26	100.2	0.008	43.2
2014023116	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82451	99.36	0.75	0.07	0.034	0.05	48	78	40	343	74	334	34	100.4	<.005	43.5
2014023117	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82452	99.18	0.77	0.04	0.045	0.034	48	38	41	363	71	131	11	100.1	<.005	43.6
2014023118	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82453	99.25	0.73	0.04	0.046	0.036	64	37	41	346	65	174	28	100.2	<.005	43.5
2014023120	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82454	98.82	0.79	0.13	0.043	0.037	68	52	40	375	69	405	20	99.9	<.005	43.6
2014023121	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82455	99.09	0.69	0.07	0.04	0.051	123	86	37	358	74	1161	21	100.1	<.005	43.5
2014023122	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82456	99.00	0.84	0.11	0.056	0.069	55	135	42	365	80	893	32	100.2	<.005	43.5
2014023123	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82457	99.16	0.88	0.06	0.056	0.046	61	71	41	345	94	438	29	100.3	<.005	43.5
2014023124	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82458	98.99	0.77	0.12	0.09	0.078	51	153	47	373	75	858	42	100.2	<.005	43.6
2014023125	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82459	98.95	0.79	0.10	0.077	0.06	65	138	45	359	62	840	54	100.1	<.005	43.5

2014023126	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82460	99.02	0.77	0.10	0.086	0.05	50	92	52	357	59	532	32	100.1	<.005	43.5
2014023127	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82461	99.25	0.69	0.07	0.059	0.047	69	91	42	348	54	1093	27	100.3	<.005	43.5
2014023128	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82462	99.09	0.63	0.07	0.068	0.038	52	60	48	354	58	333	31	100.0	<.005	43.3
2014023129	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82463	99.18	0.77	0.10	0.085	0.048	55	78	51	358	59	469	18	100.3	<.005	43.5
2014023130	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82464	99.25	0.73	0.05	0.058	0.039	45	68	36	317	53	1295	26	100.3	<.005	43.4
2014023131	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82465	97.61	1.92	0.07	0.071	0.049	43	93	38	299	52	1668	23	99.9	<.005	43.4
2014023132	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82466	99.18	0.61	0.04	0.084	0.033	41	48	46	307	56	457	41	100.0	<.005	43.3
2014023133	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82467	99.06	0.71	0.05	0.063	0.041	45	52	43	345	72	524	14	100.0	<.005	43.4
2014023134	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82468	93.54	5.15	0.78	0.196	0.327	53	516	55	328	105	1841	219	100.3	0.016	43.4
2014023135	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82469	97.66	1.92	0.21	0.124	0.102	54	246	47	366	71	559	72	100.2	0.015	43.7
2014023136	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82470	96.54	2.41	0.52	0.161	0.22	65	593	56	326	71	964	139	100.1	0.048	43.5
2014023137	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82471	98.59	0.94	0.27	0.086	0.065	50	153	46	299	49	820	41	100.1	0.004	43.5
2014023138	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82472	88.12	8.66	1.62	0.358	0.729	103	2190	62	261	129	3444	476	100.1	0.261	42.9
2014023139	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82473	93.10	6.42	0.32	0.14	0.14	90	373	62	253	54	980	67	100.3	0.030	44.0
2014023140	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82474	94.74	4.92	0.23	0.092	0.1	56	258	47	280	52	1141	74	100.3	0.007	44.0
2014023141	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82475	92.93	6.32	0.28	0.125	0.131	57	333	59	297	61	1898	85	100.1	0.016	44.1
2014023142	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82476	94.24	4.94	0.16	0.1	0.083	61	199	47	305	59	4104	73	100.0	0.026	43.7
2014023144	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82477	98.98	1.05	0.07	0.068	0.037	54	56	45	326	146	602	49	100.3	<.005	43.5
2014023145	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82478	98.24	1.15	0.12	0.11	0.058	56	108	52	325	53	1391	50	99.9	<.005	43.6
2014023146	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82479	97.34	2.24	0.13	0.077	0.058	50	114	45	280	48	1238	55	100.0	<.005	43.7
2014023147	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82480	96.83	2.47	0.21	0.072	0.059	53	118	45	277	47	1105	54	99.8	<.005	43.7
2014023148	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82481	97.91	1.74	0.10	0.087	0.051	46	97	39	260	46	1745	38	100.1	<.005	43.8
2014023149	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82482	96.43	3.03	0.14	0.1	0.059	53	117	40	253	45	1585	59	100.0	0.006	44.0
2014023150	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82483	94.70	4.77	0.22	0.122	0.111	61	242	49	272	51	1791	86	100.2	<.005	43.9
2014023151	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82484	94.93	4.12	0.25	0.108	0.127	48	338	42	236	47	1360	77	99.8	<.005	43.8
2014023152	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82485	91.95	7.30	0.25	0.107	0.129	50	333	41	221	50	855	104	99.9	<.005	44.1
2014023153	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82486	91.77	7.61	0.23	0.1	0.112	72	281	44	231	47	777	80	100.0	0.008	44.3
2014023154	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82487	91.58	7.22	0.47	0.12	0.193	69	386	42	254	59	2273	99	99.9	0.029	44.0
2014023155	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82488	96.02	2.76	0.51	0.132	0.202	59	572	37	301	72	2132	138	100.0	0.072	43.6
2014023156	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82489	94.11	4.54	0.66	0.144	0.19	63	528	43	258	56	1153	134	99.9	0.092	43.7
2014023157	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82490	91.10	8.10	0.34	0.128	0.119	65	307	45	253	58	992	88	100.0	0.042	44.2
2014023158	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82491	97.50	1.88	0.25	0.103	0.09	45	220	41	325	51	509	44	100.0	0.016	43.9
2014023159	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82492	88.78	5.63	3.00	0.313	0.798	112	2444	54	358	145	12176	491	100.1	0.315	41.6
2014023160	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82493	93.08	3.20	2.10	0.258	0.515	91	1369	53	384	125	2783	322	99.7	0.191	42.7
2014023161	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82494	94.08	2.53	1.49	0.245	0.487	87	1405	45	396	95	8219	314	99.9	0.202	42.6
2014023162	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82495	99.20	0.75	0.07	0.085	0.042	25	68	32	318	54	406	41	100.2	<.005	43.7
2014023163	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82496	92.38	7.05	0.09	0.062	0.048	27	72	29	304	53	715	30	99.8	<.005	44.2
2014023164	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82497	82.33	17.51	0.08	0.076	0.056	43	94	42	241	42	786	59	100.2	<.005	44.8
2014023165	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82498	81.08	18.60	0.19	0.083	0.053	50	68	64	241	36	692	19	100.1	<.005	44.9
2014023166	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82499	88.36	10.73	0.11	0.079	0.058	31	61	108	276	47	1260	42	99.5	<.005	44.0
2014023167	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82500	88.51	11.25	0.12	0.084	0.047	35	55	108	280	41	814	29	100.1	<.005	44.1
2014023168	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82501	91.38	8.49	0.08	0.097	0.049	31	75	86	253	48	664	50	100.2	<.005	44.0
2014023169	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82502	84.92	14.50	0.16	0.118	0.066	42	76	92	298	58	647	53	99.9	<.005	44.4
2014023170	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82503	83.76	15.54	0.20	0.097	0.115	43	156	72	376	58	753	72	99.9	<.005	44.5
2014023171	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82504	87.04	12.70	0.08	0.069	0.056	29	71	58	306	54	1002	32	100.1	<.005	44.2
2014023172	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82505	86.06	13.74	0.07	0.086	0.055	33	27	253	297	67	763	46	100.2	<.005	44.3
2014023173	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82506	78.76	20.06	0.36	0.104	0.135	66	100	240	302	69	1011	80	99.6	<.005	44.8
2014023174	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82507	95.61	2.89	0.78	0.135	0.33	44	354	136	485	96	2592	230	100.1	<.005	43.1
2014023175	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82508	97.68	1.05	0.37	0.111	0.174	25	275	195	469	92	1752	109	99.7	<.005	43.2
2014023176	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82509	97.40	1.11	0.74	0.129	0.309	51	471	129	387	74	2523	167	100.1	<.005	42.7
2014023177	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82510	97.00	1.46	0.41	0.114	0.185	49	370	35	445	72	3059	111	99.6	0.008	43.8
2014023178	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82511	97.16	0.88	0.43	0.136	0.195	53	462	40	431	73	9933	150	99.9	0.021	42.9
2014023179	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82512	98.90	0.71	0.03	0.079	0.03	27	34	21	470	55	1008	14	99.9	<.005	43.4
2014023180	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82513	98.59	0.75	0.04	0.091	0.032	38	34	30	423	56	1226	55	99.7	<.005	43.4

2014023181	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82514	98.31	1.61	0.06	0.067	0.033	31	42	20	383	46	546	14	100.2	<.005	43.3
2014023182	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82515	95.79	3.64	0.06	0.093	0.037	35	34	27	386	51	786	15	99.8	<.005	43.7
2014023183	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82516	98.90	0.71	0.03	0.077	0.028	46	30	21	525	50	526	32	99.9	<.005	43.7
2014023184	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82517	97.56	2.68	0.03	0.061	0.028	27	25	21	316	49	912	23	100.5	<.005	43.5
2014023185	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82518	96.99	2.59	0.36	0.075	0.029	111	38	26	275	47	1136	31	100.2	<.005	43.4
2014023186	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82519	98.77	1.09	0.12	0.066	0.027	40	29	23	318	59	1025	26	100.2	<.005	43.4
2014023187	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82520	98.59	1.28	0.06	0.069	0.034	49	43	22	316	61	902	36	100.2	<.005	43.5
2014023188	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82521	96.04	3.64	0.07	0.076	0.039	29	32	23	265	48	473	26	100.0	<.005	43.5
2014023189	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82522	98.86	0.79	0.23	0.106	0.028	39	26	31	258	36	426	11	100.1	<.005	43.2
2014023190	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82523	98.68	0.90	0.05	0.085	0.031	29	23	27	305	41	1422	28	99.9	<.005	43.3
2014023191	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82524	98.73	1.03	0.04	0.085	0.027	28	19	24	310	50	553	22	100.0	<.005	43.3
2014023192	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82525	96.20	3.35	0.09	0.102	0.057	25	79	31	323	65	1401	23	100.0	<.005	43.4
2014023193	3/11/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82526	94.93	4.98	0.07	0.081	0.046	25	51	31	273	49	738	43	100.2	<.005	43.5
2014024702	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82527	96.25	3.64	0.05	0.056	0.042	27	60	28	250	42	1255	35	100.2	<.005	43.4
2014024703	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82528	98.41	1.55	0.06	0.056	0.036	29	41	25	288	51	810	16	100.2	<.005	43.2
2014024704	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82529	97.72	1.78	0.25	0.074	0.036	31	44	29	274	49	1161	13	100.0	<.005	43.3
2014024705	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82530	78.37	20.44	0.70	0.13	0.169	48	216	41	261	46	774	113	100.0	0.021	44.5
2014024706	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82531	80.42	19.08	0.24	0.107	0.099	39	65	36	263	52	986	65	100.1	0.010	44.6
2014024707	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82532	81.67	16.25	1.02	0.172	0.468	37	77	38	281	57	1383	121	99.8	0.020	44.6
2014024708	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82533	98.41	1.11	0.14	0.096	0.061	36	81	26	366	64	658	71	99.9	0.008	43.3
2014024709	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82534	95.97	3.85	0.09	0.081	0.052	30	57	37	328	46	904	29	100.2	<.005	43.1
2014024710	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82535	94.83	5.06	0.09	0.148	0.053	28	81	51	248	46	1281	36	100.4	<.005	43.1
2014024711	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82536	96.75	2.97	0.15	0.094	0.077	35	133	36	303	50	681	61	100.2	<.005	43.1
2014024712	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82537	98.98	0.77	0.19	0.103	0.097	28	162	31	300	56	883	98	100.3	<.005	42.7
2014024713	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82538	97.97	1.84	0.27	0.093	0.049	27	41	38	309	55	617	58	100.3	<.005	42.9
2014024714	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82539	96.74	2.64	0.28	0.086	0.069	42	83	34	438	58	3507	49	100.2	<.005	42.8
2014024715	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82540	96.72	3.16	0.11	0.088	0.066	38	86	31	397	58	633	39	100.3	<.005	43.0
2014024716	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82541	97.93	1.42	0.14	0.099	0.034	29	37	41	263	32	363	26	99.7	<.005	43.5
2014024717	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82542	98.31	1.17	0.35	0.172	0.135	37	298	55	530	65	607	116	100.3	0.048	43.5
2014024718	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82543	96.65	2.87	0.22	0.143	0.115	57	244	42	493	67	1090	119	100.2	0.058	43.6
2014024719	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82544	98.16	1.74	0.07	0.086	0.049	33	68	33	300	45	545	37	100.2	0.005	43.5
2014024720	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82545	97.63	1.80	0.43	0.117	0.145	48	280	31	413	75	725	115	100.3	0.048	43.5
2014024721	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82546	98.11	1.30	0.47	0.15	0.145	39	307	43	478	91	1309	98	100.4	0.051	43.3
2014024722	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82547	98.47	1.17	0.21	0.104	0.103	39	200	41	404	76	721	78	100.2	0.031	43.6
2014024723	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82548	98.11	1.49	0.13	0.114	0.047	35	78	51	324	58	803	35	100.0	0.014	43.6
2014024724	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82549	97.88	1.88	0.10	0.12	0.048	44	88	52	303	53	749	38	100.2	0.005	43.5
2014024725	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82550	97.32	1.63	0.31	0.122	0.139	46	341	42	401	65	584	107	99.7	0.023	43.6
2014024726	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82551	97.63	0.88	0.63	0.151	0.19	58	479	37	544	66	770	131	99.7	0.055	43.4
2014024727	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82552	98.40	0.75	0.25	0.156	0.135	40	289	36	509	60	791	125	99.9	<.005	43.2
2014024728	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82553	99.07	0.50	0.16	0.124	0.049	35	83	47	194	18	14	48	100.0	<.005	43.3
2014024729	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82554	99.23	0.52	0.13	0.088	0.043	24	67	49	313	25	43	25	100.1	<.005	43.2
2014024730	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82555	98.91	0.54	0.10	0.102	0.062	128	84	39	298	26	348	57	99.8	<.005	43.3
2014024731	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82556	97.63	0.88	0.50	0.223	0.23	38	430	64	410	69	1059	194	99.7	<.005	43.0
2014024732	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82557	98.16	0.96	0.54	0.202	0.245	38	404	63	380	64	996	205	100.3	<.005	43.3
2014024733	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82558	98.40	0.84	0.49	0.122	0.119	38	291	37	366	69	469	85	100.1	0.030	43.6
2014024734	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82559	98.75	0.82	0.23	0.123	0.089	35	191	40	378	72	541	66	100.1	0.018	43.7
2014024735	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82560	98.43	0.98	0.26	0.12	0.108	44	218	38	381	74	599	77	100.0	0.019	43.7
2014024736	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82561	98.86	0.67	0.26	0.112	0.102	37	232	43	361	68	903	108	100.2	0.000	43.6
2014024737	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82562	96.83	1.26	1.00	0.243	0.428	60	1131	64	356	93	1697	259	100.1	0.107	43.0
2014024738	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82563	97.13	1.30	0.78	0.158	0.284	53	685	50	331	81	745	185	99.9	0.068	43.4
2014024739	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82564	95.90	2.78	0.59	0.131	0.191	54	516	61	328	95	2900	133	100.0	<.005	43.3
2014024740	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82565	95.86	2.97	0.44	0.126	0.19	57	522	60	319	99	4380	113	100.1	<.005	43.3
2014024741	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82566	98.15	0.75	0.39	0.121	0.176	51	449	61	329	106	2633	108	100.0	<.005	43.3
2014024742	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82567	98.97	0.67	0.06	0.045	0.046	45	78	42	322	75	298	26	99.9	<.005	43.7

2014024743	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82568	99.02	0.69	0.05	0.039	0.039	40	66	37	318	66	438	17	99.9	<.005	43.6
2014024744	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82569	99.22	0.65	0.05	0.041	0.039	41	71	38	321	68	433	19	100.1	<.005	43.6
2014024745	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82570	99.06	0.61	0.06	0.065	0.044	25	55	49	385	70	367	23	99.9	<.005	43.6
2014024746	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82571	99.06	0.73	0.06	0.037	0.035	44	51	34	326	65	456	17	100.0	<.005	43.6
2014024747	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82572	98.41	0.65	0.29	0.105	0.09	44	203	59	328	71	1047	52	99.7	<.005	43.6
2014024748	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82573	98.90	0.73	0.14	0.078	0.089	41	190	50	348	83	715	50	100.1	<.005	43.5
2014024749	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82574	98.22	0.94	0.31	0.073	0.152	63	433	41	325	93	2067	72	100.0	<.005	43.4
2014024750	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82575	98.93	0.71	0.08	0.042	0.054	48	116	39	326	69	1025	34	100.0	<.005	43.5
2014024751	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82576	99.02	0.71	0.04	0.047	0.038	40	51	43	317	59	858	11	100.0	<.005	43.6
2014024752	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82577	99.25	0.61	0.06	0.062	0.046	35	75	42	342	68	551	22	100.1	<.005	43.6
2014024753	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82578	99.00	0.67	0.15	0.053	0.065	42	114	41	371	82	1519	37	100.2	<.005	43.5
2014024754	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82579	99.31	0.61	0.06	0.037	0.044	26	56	36	320	68	907	19	100.2	<.005	43.5
2014024755	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82580	98.98	0.61	0.06	0.044	0.048	50	71	40	319	68	1055	38	99.9	<.005	43.5
2014024756	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82581	99.23	0.73	0.03	0.052	0.032	42	46	37	326	64	408	16	100.2	<.005	43.2
2014024757	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82582	98.66	0.69	0.08	0.034	0.059	58	110	42	327	70	718	39	99.7	<.005	43.5
2014024758	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82583	98.98	0.73	0.09	0.093	0.036	44	47	52	287	56	726	17	100.1	<.005	43.3
2014024759	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82584	98.32	0.73	0.19	0.086	0.099	45	223	50	308	75	1392	52	99.6	<.005	43.4
2014024760	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82585	98.43	0.77	0.12	0.056	0.079	47	171	46	372	94	1205	46	99.7	<.005	43.4
2014024761	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82586	98.13	1.00	0.18	0.094	0.118	34	254	48	372	92	2292	76	99.8	<.005	43.2
2014024762	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82587	97.70	0.69	0.11	0.05	0.077	41	123	41	359	78	1034	45	98.8	<.005	44.6
2014024763	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82588	98.84	0.59	0.06	0.083	0.046	31	60	51	315	62	787	36	99.8	<.005	43.5
2014024764	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82589	98.75	0.67	0.09	0.085	0.061	31	107	46	351	84	787	44	99.8	<.005	43.4
2014024765	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82590	99.34	0.67	0.03	0.098	0.029	37	37	44	341	69	329	22	100.3	<.005	43.5
2014024766	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82591	98.86	0.63	0.13	0.069	0.054	30	92	44	354	86	312	34	99.8	<.005	43.6
2014024767	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82592	98.73	0.63	0.16	0.071	0.078	54	148	42	376	86	634	45	99.8	<.005	43.3
2014024768	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82593	98.70	0.65	0.16	0.082	0.097	28	78	45	362	73	399	43	99.8	<.005	43.3
2014024769	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82594	98.75	0.63	0.14	0.123	0.083	33	129	53	347	69	892	53	99.9	<.005	43.2
2014024770	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82595	98.59	0.69	0.09	0.117	0.059	38	83	49	333	60	1248	42	99.7	<.005	44.0
2014024771	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82596	98.38	0.69	0.28	0.14	0.156	38	260	48	336	66	2519	88	100.0	<.005	43.1
2014024772	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82597	95.77	2.89	0.53	0.17	0.233	65	542	46	301	60	2138	169	99.9	0.016	43.7
2014024773	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82598	95.61	3.49	0.35	0.146	0.2	50	441	45	300	71	1744	121	100.1	0.027	43.8
2014024774	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82599	94.09	5.08	0.38	0.119	0.199	52	472	42	296	68	848	117	100.1	0.022	43.9
2014024775	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82600	89.35	7.74	0.57	0.156	0.302	66	718	47	310	84	1042	163	98.4	0.063	44.8
2014024776	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82601	94.36	4.67	0.31	0.109	0.118	52	258	44	303	53	10961	97	100.7	<.005	43.1
2014024777	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82602	83.60	14.41	0.91	0.231	0.488	78	1233	55	248	87	1164	306	100.0	0.033	44.2
2014024778	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82603	94.06	5.79	0.14	0.088	0.091	41	151	40	281	49	709	58	100.3	0.000	43.8
2014024779	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82604	90.99	7.80	0.47	0.16	0.251	61	548	45	286	69	2666	178	100.1	0.030	44.0
2014024780	3/19/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82605	89.90	9.48	0.29	0.139	0.164	51	346	46	268	62	1743	100	100.2	0.018	44.2
2014025328	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82606	91.29	6.49	0.86	0.213	0.428	84	981	44	322	74	2883	239	99.7	0.136	43.6
2014025329	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82607	84.78	12.74	1.24	0.206	0.461	86	1046	49	312	81	1415	276	99.8	0.136	44.0
2014025330	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82608	95.79	3.54	0.40	0.091	0.113	44	251	40	322	56	1010	72	100.1	0.022	43.8
2014025331	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82609	98.13	1.40	0.27	0.133	0.124	33	266	46	314	51	748	75	100.2	0.006	43.6
2014025332	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82610	96.75	2.68	0.23	0.1	0.089	33	178	42	316	51	765	61	100.0	0.002	43.6
2014025333	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82611	82.92	14.10	1.42	0.184	0.467	84	1184	51	363	100	4169	236	99.7	0.108	43.9
2014025334	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82612	94.67	3.56	1.12	0.194	0.285	42	688	53	378	82	1127	178	100.1	0.054	43.4
2014025335	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82613	84.15	11.88	2.63	0.304	0.604	103	1669	63	330	100	2799	357	100.1	0.158	42.9
2014025336	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82614	90.40	1.30	4.33	0.979	1.748	75	5210	182	403	177	2538	1242	99.7	0.168	40.5
2014025337	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82615	84.72	4.83	6.53	0.793	1.677	79	5472	208	402	423	4190	1250	99.8	0.177	39.5
2014025338	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82616	91.58	1.05	4.61	0.506	1.183	61	3497	149	393	165	1368	723	99.6	0.145	40.9
2014025339	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82617	71.30	1.23	15.91	1.246	2.526	151	10352	264	352	525	3640	1992	93.9	0.668	33.0
2014025340	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82618	89.58	1.00	6.13	0.515	1.359	85	3996	102	443	256	1346	852	99.3	0.241	39.9
2014025341	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82619	97.70	0.84	0.60	0.134	0.196	27	490	79	503	88	2271	369	99.8	0.036	43.5
2014025342	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82620	97.38	1.51	0.38	0.099	0.134	26	287	71	475	85	1339	199	99.7	0.026	43.8
2014025343	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82621	98.91	0.65	0.13	0.098	0.061	24	121	72	367	77	1121	244	100.1	0.002	43.5

2014025344	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82622	98.79	0.71	0.10	0.127	0.062	30	136	78	389	78	996	213	100.0	0.002	43.5
2014025345	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82623	98.27	0.79	0.57	0.091	0.072	28	144	85	449	74	939	298	100.0	0.004	43.3
2014025346	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82624	97.59	1.53	0.36	0.116	0.19	28	406	78	512	109	1848	336	100.1	0.008	43.5
2014025347	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82625	92.06	0.92	4.38	0.448	1.102	67	3531	127	395	233	2476	830	99.7	0.016	41.2
2014025348	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82626	97.86	0.75	0.56	0.135	0.226	43	581	42	465	120	1217	365	99.8	0.007	43.6
2014025349	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82627	98.24	0.75	0.31	0.099	0.173	28	436	33	457	110	1264	325	99.8	0.007	43.7
2014025350	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82628	97.65	1.07	0.48	0.147	0.192	30	521	40	421	120	882	143	99.7	0.019	43.8
2014025351	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82629	98.59	0.65	0.21	0.074	0.062	27	135	48	415	98	1966	57	99.9	<.005	43.8
2014025352	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82630	96.41	1.55	0.83	0.136	0.34	29	490	66	468	97	1753	211	99.6	0.015	43.5
2014025353	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82631	96.11	1.15	1.34	0.202	0.371	30	848	72	400	106	1963	221	99.5	0.028	43.2
2014025354	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82632	82.98	6.51	6.41	0.401	1.243	62	3320	81	444	157	3071	824	98.3	0.055	41.5
2014025355	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82633	63.52	32.82	2.21	0.299	0.755	147	866	77	266	82	1663	451	100.0	0.072	44.8
2014025356	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82634	64.11	32.51	1.62	0.304	0.787	176	1682	66	262	110	1356	513	99.7	0.110	45.0
2014025357	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82635	79.87	17.82	1.07	0.231	0.518	112	1123	48	254	94	783	352	99.8	0.095	44.4
2014025358	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82636	70.25	27.64	1.27	0.236	0.596	141	1235	54	263	91	703	396	100.3	0.086	44.6
2014025359	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82637	95.29	4.06	0.39	0.085	0.211	26	56	56	361	75	1189	115	100.2	<.005	43.5
2014025360	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82638	96.00	3.14	0.61	0.122	0.296	34	82	58	309	49	848	194	100.3	0.015	43.2
2014025361	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82639	95.40	4.29	0.39	0.084	0.208	27	99	79	411	77	1639	143	100.6	<.005	43.2
2014025362	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82640	94.90	3.87	0.61	0.122	0.323	33	201	87	371	71	2023	223	100.1	<.005	43.3
2014025363	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82641	97.81	1.11	0.25	0.062	0.134	22	253	59	606	96	1211	74	99.6	0.011	44.0
2014025364	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82642	96.79	1.42	0.35	0.083	0.176	40	363	34	1047	119	2904	88	99.3	0.019	44.0
2014025365	3/20/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82643	99.36	0.67	0.12	0.055	0.046	32	72	28	275	45	753	20	100.4	<.005	43.4
2014025593	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82644	96.83	2.74	0.08	0.057	0.047	20	51	27	244	44	835	21	99.9	<.005	43.9
2014025594	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82645	70.29	28.91	0.34	0.063	0.109	51	59	34	222	29	1014	77	99.9	<.005	45.8
2014025595	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82646	79.73	19.62	0.22	0.079	0.1	46	60	34	234	35	1150	64	99.9	<.005	45.1
2014025596	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82647	98.86	0.88	0.16	0.054	0.081	27	123	29	260	52	1058	46	100.2	<.005	43.7
2014025597	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82648	98.86	0.96	0.13	0.077	0.068	23	93	37	278	57	939	40	100.2	<.005	43.7
2014025598	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82649	98.74	0.84	0.19	0.123	0.1	23	174	44	264	58	1028	59	100.1	<.005	43.6
2014025599	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82650	98.50	1.03	0.28	0.12	0.121	30	142	43	312	70	2314	81	100.3	<.005	43.5
2014025600	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82651	98.50	0.77	0.48	0.144	0.255	31	351	44	379	72	890	150	100.3	<.005	43.4
2014025601	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82652	97.90	0.92	0.53	0.192	0.29	39	646	40	369	86	739	208	100.0	0.011	43.4
2014025602	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82653	97.93	0.79	0.55	0.197	0.302	45	839	39	353	82	892	234	100.0	0.020	43.4
2014025603	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82654	99.20	0.59	0.20	0.096	0.119	29	295	38	240	55	742	96	100.3	<.005	43.2
2014025604	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82655	83.42	16.21	0.14	0.084	0.083	43	140	46	264	55	1278	62	100.1	<.005	44.4
2014025605	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82656	98.11	0.92	0.28	0.087	0.147	36	352	42	298	87	1158	133	99.8	<.005	43.3
2014025606	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82657	98.54	0.71	0.19	0.071	0.11	38	162	48	331	72	1859	61	99.9	<.005	43.2
2014025607	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82658	99.11	0.59	0.05	0.047	0.04	36	59	42	316	68	715	19	100.0	<.005	43.4
2014025608	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82659	98.97	0.63	0.06	0.051	0.047	45	73	43	304	61	2789	28	100.1	<.005	43.1
2014025609	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82660	98.86	0.67	0.06	0.06	0.048	38	71	43	301	55	2609	19	100.0	<.005	43.2
2014025610	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82661	98.79	0.69	0.06	0.062	0.041	35	66	43	294	52	1687	34	99.9	<.005	43.3
2014025611	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82662	99.00	0.65	0.06	0.066	0.045	36	74	42	316	61	1317	24	100.0	<.005	43.2
2014025612	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82663	97.65	1.76	0.08	0.069	0.053	41	93	45	304	60	1954	28	99.9	<.005	43.4
2014025613	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82664	99.23	0.65	0.08	0.055	0.047	39	78	43	300	54	1053	25	100.2	<.005	43.1
2014025614	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82665	98.52	1.11	0.07	0.042	0.052	54	95	41	323	72	2223	24	100.1	<.005	43.2
2014025615	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82666	98.02	1.34	0.05	0.06	0.041	39	63	43	336	68	1623	24	99.7	<.005	43.4
2014025616	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82667	99.38	0.59	0.04	0.044	0.039	33	57	40	313	61	790	19	100.2	<.005	43.7
2014025617	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82668	99.45	0.67	0.08	0.045	0.055	337	82	38	283	41	1547	26	100.5	<.005	43.5
2014025618	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82669	99.00	0.63	0.08	0.06	0.057	36	100	40	288	50	1021	30	100.0	<.005	43.5
2014025619	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82670	98.86	0.67	0.12	0.066	0.077	45	134	44	299	53	1876	46	100.0	<.005	43.4
2014025620	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82671	98.75	0.61	0.19	0.085	0.109	40	176	43	272	47	837	44	99.9	<.005	43.2
2014025621	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82672	99.06	0.61	0.12	0.065	0.073	37	108	43	273	39	931	41	100.1	<.005	43.1
2014025622	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82673	99.13	0.67	0.11	0.064	0.073	37	141	43	306	50	684	46	100.2	<.005	43.2
2014025623	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82674	98.65	0.98	0.12	0.093	0.068	46	148	50	322	46	654	47	100.0	<.005	43.3
2014025624	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82675	98.07	1.49	0.11	0.107	0.071	38	125	49	305	46	532	54	100.0	<.005	43.4

2014025625	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82676	92.61	6.61	0.50	0.086	0.132	53	215	48	295	54	1028	73	100.1	<.005	43.5
2014025626	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82677	79.23	18.43	1.38	0.254	0.503	101	1114	61	253	82	1762	315	100.2	0.037	44.2
2014025627	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82678	98.36	1.21	0.16	0.036	0.052	47	94	39	278	37	354	31	99.9	<.005	43.3
2014025628	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82679	98.29	1.44	0.12	0.036	0.05	40	99	37	292	50	439	27	100.0	<.005	43.3
2014025629	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82680	95.86	3.35	0.21	0.081	0.08	60	199	43	298	52	1457	44	99.8	<.005	43.5
2014025630	3/21/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82681	85.49	11.92	1.31	0.184	0.514	72	1441	49	276	94	4574	285	100.1	0.007	43.5
2014026109	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82682	96.38	2.76	0.45	0.067	0.119	39	297	37	305	54	480	76	99.9	<.005	43.6
2014026110	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82683	98.47	1.32	0.31	0.077	0.09	36	219	34	299	50	508	57	100.4	<.005	43.5
2014026111	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82684	97.61	1.40	0.51	0.152	0.229	51	614	35	300	70	1199	162	100.1	<.005	43.5
2014026112	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82685	98.00	1.03	0.57	0.143	0.229	56	647	34	299	69	1318	137	100.2	<.005	43.4
2014026113	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82686	98.74	0.92	0.20	0.07	0.06	49	136	37	272	41	634	33	100.1	<.005	43.7
2014026114	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82687	93.56	4.81	0.60	0.136	0.27	61	735	42	283	77	3352	153	99.8	0.009	43.7
2014026115	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82688	96.52	2.55	0.49	0.094	0.14	42	360	41	292	59	1075	109	100.0	<.005	43.7
2014026116	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82689	96.43	2.68	0.58	0.079	0.163	41	430	38	284	55	1249	113	100.2	0.011	43.7
2014026117	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82690	99.02	0.96	0.09	0.046	0.043	33	81	35	269	39	929	36	100.3	<.005	43.7
2014026118	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82691	90.03	8.18	0.83	0.188	0.335	71	936	45	244	66	1787	217	99.9	0.071	43.8
2014026119	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82692	89.95	7.76	1.26	0.258	0.416	73	1054	48	238	77	1347	293	100.0	0.114	43.4
2014026120	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82693	97.70	1.88	0.21	0.115	0.073	45	164	42	271	40	678	57	100.1	0.009	43.8
2014026121	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82694	90.08	5.67	2.56	0.43	0.859	93	2431	61	236	97	1227	558	100.1	0.213	42.3
2014026122	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82695	92.35	7.07	0.16	0.134	0.094	49	185	46	231	44	790	62	99.9	0.000	44.3
2014026123	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82696	85.15	13.33	0.70	0.226	0.365	68	891	58	240	70	2328	228	100.2	0.032	44.1
2014026124	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82697	83.81	10.42	3.38	0.452	0.811	96	2234	65	314	115	8061	591	100.0	0.318	41.9
2014026125	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82698	84.94	8.66	3.79	0.473	0.924	88	2477	78	362	149	4627	626	99.6	0.342	41.9
2014026126	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82699	96.00	2.76	0.84	0.122	0.181	40	495	41	353	97	1267	106	100.1	0.027	43.5
2014026127	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82700	97.20	1.86	0.41	0.156	0.198	34	554	40	338	96	822	118	100.0	0.022	43.6
2014026128	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82701	96.75	2.24	0.42	0.138	0.2	50	591	41	365	86	836	85	100.0	0.035	43.7
2014026129	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82702	89.74	6.28	1.72	0.299	0.705	96	2174	56	364	111	6158	316	99.7	0.187	42.9
2014026130	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82703	94.58	3.66	0.75	0.162	0.243	59	554	40	342	72	6949	123	100.2	0.095	43.3
2014026132	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82807	89.92	1.03	6.97	0.123	0.6	82	4236	152	452	136	2227	249	99.4	<.005	40.7
2014026133	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82808	98.93	0.94	0.29	0.074	0.148	22	136	65	454	66	1015	152	100.6	<.005	43.3
2014026134	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82809	93.40	5.61	0.49	0.117	0.257	31	50	50	490	81	1171	208	100.1	0.010	43.8
2014026135	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82810	95.47	3.72	0.43	0.113	0.219	24	77	47	499	67	1006	204	100.1	0.014	43.7
2014026136	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82811	91.40	7.38	0.70	0.135	0.34	32	270	58	516	87	1417	247	100.2	0.016	43.8
2014026137	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82812	93.04	5.54	0.75	0.138	0.374	47	449	50	441	79	2088	272	100.2	0.039	43.5
2014026138	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82813	95.38	2.87	0.69	0.13	0.348	26	122	43	545	87	2334	264	99.8	0.007	43.3
2014026139	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82814	96.45	2.36	0.38	0.075	0.192	21	61	47	757	108	1230	157	99.7	0.007	43.6
2014026140	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82815	98.68	0.82	0.14	0.041	0.074	29	50	22	551	54	910	96	99.9	<.005	43.0
2014026141	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82816	97.5748	1.8828	0.10	0.124	494	34	0.24	55	124	31	912	131	100.1	<.01	43.5
2014026142	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82817	96.0755	3.5355	0.12	0.096	429	36	0.2	50	55	39	776	64	100.2	<.01	43.6
2014026143	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82818	98.1994	0.9623	0.14	0.18	445	34	0.35	61	248	33	1355	104	100.1	<.01	43.3
2014026144	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82819	97.5926	1.7782	0.28	0.117	553	42	0.22	72	98	33	1120	75	100.2	<.01	43.4
2014026145	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82820	97.7175	1.5899	0.08	0.147	493	24	0.38	68	136	33	1627	106	100.2	<.01	43.3
2014026146	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82821	93.791	5.23	0.08	0.175	545	23	0.38	79	202	43	1349	109	99.9	0.006	43.8
2014026147	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82822	94.5052	4.5396	0.09	0.184	588	33	0.52	86	83	36	1048	125	100.0	0.015	43.8
2014026148	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82823	92.0421	5.7948	0.10	0.307	720	37	1.35	123	424	48	2559	233	100.0	0.040	43.4
2014026149	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82824	89.7397	5.7948	0.14	0.473	749	41	3.26	148	1220	59	1661	325	99.8	0.066	42.5
2014026150	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82825	90.0253	4.3514	0.14	0.479	746	41	3.99	142	1375	65	1894	313	99.4	0.104	42.2
2014026151	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82826	95.8795	2.4895	0.11	0.225	735	34	0.89	117	520	37	1167	136	99.9	0.020	43.6
2014026152	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82827	92.7025	5.481	0.15	0.374	906	47	0.92	133	598	44	1533	246	100.0	0.040	43.6
2014026153	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82828	94.7015	3.3263	0.13	0.316	776	45	1.16	105	753	48	1209	227	99.9	0.035	43.4
2014026154	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82829	93.238	2.866	0.13	0.357	858	49	2.78	85	944	66	1951	233	99.8	0.046	42.7
2014026155	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82830	74.1406	7.845	0.39	1.806	735	144	13.14	176	5796	152	2009	1284	98.4	0.359	35.9
2014026156	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82831	80.5123	4.8534	0.40	1.522	869	117	11.08	175	4733	139	2167	1034	99.3	0.277	37.6
2014026157	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82832	74.8724	5.753	0.53	2.016	1477	122	13.6	305	5711	145	3059	1155	98.0	0.426	36.6

2014026158	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82833	73.0162	5.481	0.47	2	1870	103	12.59	397	6200	206	3487	1167	94.9	0.588	34.8
2014026159	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82834	65.1987	7.4475	0.77	3.36	1652	165	20.55	660	####	370	3732	1849	99.2	0.878	32.1
2014026160	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82835	69.625	6.0668	0.56	2.49	1584	147	17.17	1222	7416	295	2960	1307	97.4	0.687	33.2
2014026161	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82836	81.3869	4.8534	0.32	1.262	1962	70	9.72	487	3821	215	2845	659	98.6	0.443	38.1
2014026162	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82837	86.3486	3.2008	0.24	0.665	1747	54	7.74	250	1911	143	3326	346	99.0	0.245	40.0
2014026163	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82838	81.9759	4.3723	0.38	1.406	1324	60	10.21	2673	3804	142	4569	715	99.7	0.511	37.6
2014026164	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82839	85.6882	4.5606	0.31	1.136	1050	60	6.21	974	3401	239	3578	639	98.9	0.384	40.0
2014026165	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82840	84.8672	4.707	0.37	1.2	1048	72	7.45	1086	3511	185	3507	587	99.6	0.363	39.7
2014026166	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82841	94.6479	2.9706	0.16	0.292	988	50	1.79	111	749	80	5598	196	100.6	0.076	42.5
2014026167	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82842	90.8642	3.8284	0.22	0.638	944	55	3.62	137	1716	147	4158	353	99.9	0.195	41.8
2014026168	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82843	76.2824	6.025	0.58	1.897	850	104	13.01	264	5618	256	6428	1110	99.3	0.557	36.4
2014026169	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82844	81.8331	5.1882	0.41	1.159	975	96	8.93	369	3389	203	4179	658	98.5	0.370	39.7
2014026170	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82845	89.3471	4.3304	0.30	0.779	835	61	4.45	145	2180	149	5323	443	100.1	0.245	41.1
2014026171	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82846	82.779	6.4643	0.49	1.427	774	102	8.13	281	3942	188	2335	866	100.1	0.387	39.2
2014026172	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82847	86.0985	3.6401	0.38	1.153	904	73	7.66	193	3467	195	3924	587	99.9	0.277	39.3
2014026173	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82848	92.7561	3.138	0.21	0.494	653	48	2.62	157	1377	115	2878	255	99.8	0.162	42.5
2014026174	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82849	90.7033	2.5941	0.20	0.522	889	38	5.15	125	1423	102	2424	270	99.7	0.141	41.1
2014026175	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82850	91.3639	4.3095	0.23	0.562	854	54	3.01	95	1491	85	2059	297	100.0	0.093	42.4
2014026176	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82851	94.3802	1.6108	0.24	0.437	1042	54	2.48	72	1235	72	2142	223	99.6	0.055	42.7
2014026177	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82852	92.2206	1.2761	0.34	0.819	781	79	4.44	87	2137	98	2090	424	99.7	0.052	41.5
2014026178	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82853	97.9136	0.7531	0.16	0.199	504	65	0.47	80	430	32	1488	122	99.8	<.01	43.1
2014026179	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82854	97.4501	1.1297	0.17	0.218	461	58	0.55	92	348	27	1870	132	99.8	0.024	43.6
2014026180	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82855	98.2567	0.9414	0.10	0.114	421	38	0.24	71	208	54	1523	75	99.9	0.008	43.6
2014026181	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82856	98.3388	0.795	0.13	0.161	368	51	0.33	58	308	35	857	101	99.9	<.01	43.5
2014026182	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82857	97.2855	0.7322	0.24	0.474	287	52	0.89	64	710	45	1728	227	99.9	<.01	42.9
2014026183	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82858	98.6598	0.7113	0.12	0.101	321	40	0.19	44	187	39	909	54	99.9	<.01	43.4
2014026184	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82859	98.8596	0.5858	0.10	0.047	275	46	0.07	34	71	31	869	59	99.8	<.01	43.3
2014026185	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82860	98.9666	0.6067	0.09	0.045	277	40	0.07	36	73	37	1135	30	99.9	<.01	43.3
2014026186	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82861	98.7882	0.6485	0.10	0.065	300	41	0.11	45	111	49	1217	28	99.9	<.01	43.4
2014026187	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82862	98.7168	0.6694	0.08	0.082	337	22	0.16	45	176	45	476	73	99.8	<.01	43.4
2014026188	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82863	96.9679	0.774	0.13	0.275	355	29	1.37	75	737	58	2292	259	99.9	<.01	42.8
2014026189	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82864	97.1821	0.7113	0.09	0.242	293	25	1.46	58	660	40	2108	157	100.0	<.01	42.8
2014026190	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82865	98.9451	0.5648	0.08	0.049	277	29	0.08	44	85	39	1220	77	99.9	<.01	43.2
2014026191	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82866	99.0884	0.6067	0.05	0.036	291	21	0.05	52	55	32	643	47	99.9	0.006	43.8
2014026192	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82867	98.9488	0.6485	0.04	0.034	322	22	0.06	59	44	31	732	72	99.9	<.01	43.4
2014026193	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82868	98.0031	1.1297	0.08	0.115	425	57	0.22	101	52	30	1584	120	99.8	0.006	43.6
2014026194	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82869	98.6283	0.7322	0.05	0.047	305	29	0.06	75	20	29	681	71	99.6	0.034	44.3
2014026195	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82870	98.7708	0.6904	0.04	0.036	277	23	0.05	68	22	38	871	53	99.7	0.020	44.0
2014026196	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82871	98.3063	0.8577	0.08	0.068	319	36	0.13	61	56	42	604	59	99.6	<.01	43.5
2014026775	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82976	98.9128	0.6485	0.10	0.092	302	35	0.31	33	95	96	1059	104	100.2	<.01	42.7
2014026776	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82977	98.9842	0.6276	0.10	0.066	261	28	0.12	26	120	54	834	87	100.0	<.01	42.9
2014026777	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82978	98.6094	0.7113	0.10	0.087	272	27	0.16	27	168	50	951	78	99.8	<.01	43.0
2014026779	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82979	98.8055	0.6694	0.07	0.052	337	25	0.08	35	67	32	926	89	99.8	<.01	42.8
2014026780	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82980	98.6806	0.6694	0.08	0.052	316	27	0.08	35	71	44	1336	100	99.8	<.01	42.8
2014026781	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82981	98.627	0.9205	0.06	0.035	287	19	0.04	26	29	45	1345	49	99.9	<.01	42.7
2014026782	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82982	99.1808	0.5021	0.05	0.04	373	20	0.06	20	45	28	418	80	99.9	<.01	43.3
2014026783	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82983	99.1273	0.5648	0.05	0.037	279	21	0.04	27	44	38	343	70	99.9	<.01	43.3
2014026784	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82984	98.4845	0.8786	0.04	0.042	331	18	0.05	42	46	30	699	70	99.6	<.01	43.3
2014026785	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82985	95.0044	4.456	0.06	0.06	376	21	0.09	29	36	44	1824	49	99.9	<.01	43.6
2014026786	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82986	98.5918	0.9623	0.08	0.074	324	27	0.12	30	90	39	754	82	100.0	<.01	43.3
2014026787	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82987	98.663	0.6276	0.06	0.054	279	21	0.08	21	75	31	470	82	99.6	<.01	43.3
2014026788	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82988	98.2527	1.3598	0.07	0.074	265	24	0.13	29	102	44	760	134	100.0	<.01	43.3
2014026789	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82989	98.6097	0.9623	0.07	0.071	519	24	0.13	22	75	32	722	76	100.0	<.01	43.3
2014026790	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82990	98.8236	0.6485	0.05	0.055	414	21	0.09	25	55	29	348	68	99.8	<.01	43.2

2014026791	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82991	98.2703	0.8786	0.07	0.103	463	26	0.2	26	118	34	880	89	99.7	<.01	43.1
2014026792	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82992	96.6997	1.4853	0.11	0.29	470	31	0.67	47	353	41	2928	136	99.7	<.01	42.7
2014026793	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82993	96.2535	1.82	0.08	0.323	504	30	0.78	53	223	44	4192	179	99.8	<.01	42.6
2014026794	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82994	97.9992	1.1506	0.08	0.115	493	31	0.23	33	77	47	2890	98	99.9	<.01	43.0
2014026795	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82995	97.8598	1.0669	0.07	0.149	557	36	0.3	37	101	42	2799	131	99.8	<.01	42.9
2014026796	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82996	97.8955	0.9623	0.08	0.167	549	36	0.34	41	191	41	1076	144	99.7	<.01	43.0
2014026797	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82997	97.2141	1.5481	0.14	0.24	482	50	0.56	51	220	46	1284	175	99.9	0.007	43.2
2014026798	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82998	96.7532	1.6945	0.14	0.284	559	64	0.79	60	107	33	1505	170	99.9	<.01	42.7
2014026799	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82999	97.5029	1.0878	0.11	0.27	572	49	0.58	72	263	51	1117	164	99.8	<.01	42.8
2014026800	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83000	97.0569	1.1088	0.12	0.245	652	45	0.69	91	346	49	5658	196	99.9	<.01	42.7
2014026801	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83001	98.5559	0.6904	0.06	0.13	402	28	0.24	58	274	34	2041	138	100.0	<.01	42.9
2014026802	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83002	99.1094	0.5858	0.07	0.062	343	29	0.1	38	106	31	587	103	100.0	<.01	43.2
2014026803	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83003	98.895	0.5858	0.06	0.057	332	27	0.09	38	103	32	474	45	99.8	<.01	43.1
2014026804	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83004	98.931	0.6067	0.06	0.075	287	27	0.13	38	151	36	351	116	99.9	<.01	43.3
2014026805	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83005	98.7346	0.6694	0.08	0.13	299	32	0.3	46	285	36	590	80	100.0	<.01	43.1
2014026807	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83006	98.3958	0.6694	0.05	0.145	296	27	0.39	37	257	34	711	128	99.8	<.01	43.5
2014026808	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83007	96.5753	2.2594	0.06	0.134	321	30	0.6	39	225	41	691	114	99.8	<.01	43.5
2014026809	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83008	98.4315	0.8996	0.07	0.111	352	30	0.31	44	198	39	598	98	100.0	<.01	43.4
2014026810	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83009	97.0039	2.092	0.07	0.211	480	31	0.55	60	428	40	1568	143	100.2	0.016	43.5
2014026811	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83010	97.3965	1.7991	0.08	0.209	489	33	0.51	64	375	31	1562	111	100.3	0.018	43.4
2014026812	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83011	93.3629	5.481	0.09	0.264	456	41	0.81	62	530	38	1546	133	100.3	0.026	43.6
2014026813	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83012	86.5625	12.406	0.08	0.187	412	72	0.56	42	99	38	824	120	100.0	0.015	44.3
2014026814	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83013	86.4767	11.799	0.09	0.179	376	101	0.89	45	329	39	3028	123	99.8	<.01	43.9
2014026815	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83014	93.7734	4.5606	0.09	0.175	807	178	1.09	100	139	26	1792	102	100.0	0.026	43.6
2014026816	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83015	87.7586	7.9078	0.10	0.383	917	68	3.5	93	895	52	1332	221	100.0	0.056	42.6
2014026817	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83016	88.9901	6.1296	0.12	0.344	989	61	3.84	103	824	44	1125	211	99.8	0.052	42.4
2014026818	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83017	89.9004	4.8534	0.14	0.449	1573	58	4.22	105	1253	67	1730	274	100.1	0.100	41.9
2014026819	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83018	89.1865	4.1631	0.21	0.673	1769	78	4.77	254	1881	74	3240	441	99.8	0.172	41.4
2014026820	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83019	89.472	4.2886	0.24	0.79	1542	92	4.17	187	2045	67	3011	483	99.7	0.133	41.7
2014026821	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83020	91.1676	3.7865	0.19	0.572	1518	79	3.71	129	1494	59	1829	330	100.0	0.105	41.9
2014026822	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83021	94.9692	2.3849	0.10	0.228	1177	42	2.07	95	446	41	600	123	100.0	0.027	43.0
2014026823	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83022	91.8458	4.2049	0.14	0.449	1097	69	2.67	84	1056	58	1061	222	99.7	0.048	42.8
2014026824	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83023	92.9881	4.4141	0.09	0.254	1243	41	1.63	90	527	43	1112	137	99.7	0.042	43.4
2014026825	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83024	90.1502	8.1379	0.08	0.21	1080	37	1.13	78	423	55	839	127	100.0	0.033	43.9
2014026826	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83025	97.5036	1.7782	0.09	0.102	1008	31	0.24	83	189	35	876	47	99.9	0.005	43.8
2014026830	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83076	95.469	2.866	0.09	0.294	580	31	0.73	85	512	26	1987	171	99.8	0.023	43.7
2014026831	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83077	94.523	4.6024	0.09	0.181	608	26	0.38	71	409	45	940	98	100.0	0.006	44.0
2014026832	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83078	94.523	2.887	0.11	0.318	603	36	1.66	64	688	43	1296	195	99.8	0.042	43.2
2014026833	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83079	85.4562	4.9162	0.27	0.896	745	83	8.14	127	2896	97	2049	608	100.3	0.212	39.5
2014026834	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83080	82.1722	6.4224	0.40	1.26	869	103	8.9	176	4417	129	1979	742	100.0	0.329	39.0
2014026835	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83081	89.3114	3.8284	0.23	0.615	1050	57	5.43	144	1958	83	1202	415	99.9	0.161	41.1
2014026836	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83082	91.8101	4.3304	0.28	0.732	1084	74	1.63	148	1661	79	1473	364	99.3	0.159	43.1
2014026837	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83083	92.2563	4.2886	0.28	0.788	979	81	1.53	137	1832	84	1143	440	99.6	0.160	43.0
2014026838	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83084	92.6311	4.2886	0.22	0.751	964	73	1.47	130	1663	81	958	353	99.8	0.151	43.0
2014026839	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83085	85.831	7.322	0.41	1.237	1230	104	4.09	289	3546	128	1900	697	99.7	0.334	41.5
2014026840	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83086	78.2635	4.8325	0.37	1.036	1339	98	13.22	210	3370	160	2116	639	98.5	0.378	37.1
2014026841	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83087	77.0855	4.979	0.48	1.349	1597	94	13.41	300	4586	204	3220	762	98.4	0.525	36.9
2014026842	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83088	70.1248	5.3137	0.67	1.473	1635	106	18.2	579	6390	249	2925	871	97.1	0.794	34.4
2014026843	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83089	69.3216	5.753	0.68	1.61	1683	111	18.83	544	6406	253	3788	860	97.6	0.984	34.4
2014026844	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83090	65.5022	5.6275	0.77	1.877	1458	160	21.56	477	7616	251	2223	971	96.7	0.834	33.0
2014026845	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83091	71.9274	5.3764	0.52	1.497	1827	113	17.6	432	5448	239	3112	812	98.1	0.603	35.2
2014026846	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83092	79.2273	4.2258	0.41	1.149	2016	64	11.6	423	3859	186	3648	563	97.7	0.507	38.1
2014026847	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83093	81.0478	10.606	0.35	1.022	1290	93	5.52	252	2798	163	2875	440	99.3	0.346	41.2
2014026848	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83094	81.8331	5.4392	0.49	1.28	810	99	8.4	331	4206	131	3752	642	98.4	0.506	38.5

2014026849	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83095	95.3262	2.7196	0.13	0.359	556	55	0.83	171	759	55	1500	216	99.7	0.094	43.5
2014026850	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83096	93.8091	4.2258	0.18	0.375	718	83	0.73	398	870	51	2156	305	99.8	0.110	43.5
2014026851	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83097	97.6821	1.1715	0.07	0.119	652	30	0.25	123	252	41	646	133	99.5	0.043	44.0
2014026852	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83098	98.396	0.9414	0.05	0.059	482	22	0.13	106	103	38	736	90	99.7	0.029	44.0
2014026853	3/22/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83099	97.8784	1.3389	0.05	0.07	466	25	0.17	75	139	40	860	191	99.7	0.025	44.0
2014027365	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83100	97.6464	1.2134	0.07	0.133	565	25	0.29	118	289	53	972	53	99.6	0.042	43.9
2014027366	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83101	96.7362	2.1966	0.06	0.122	556	35	0.27	116	211	36	1120	129	99.6	0.027	44.0
2014027367	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83102	94.8264	3.5146	0.14	0.362	675	48	0.73	104	665	46	1430	270	99.9	0.041	43.6
2014027368	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83103	94.8443	3.0543	0.14	0.432	639	65	0.91	133	857	50	1875	288	99.8	0.075	43.4
2014027369	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83104	97.2002	1.7154	0.09	0.195	554	37	0.4	121	352	36	1160	137	99.8	0.032	43.8
2014027370	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83105	98.1496	1.3389	0.10	0.074	321	31	0.14	53	137	60	690	37	99.9	<.01	43.7
2014027371	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83106	97.7892	1.5899	0.05	0.111	327	20	0.2	61	242	49	917	137	99.9	0.011	43.9
2014027372	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83107	97.3965	1.4435	0.07	0.193	379	22	0.38	70	410	57	888	83	99.7	0.028	43.9
2014027373	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83108	98.7527	0.7113	0.05	0.045	355	20	0.08	41	81	36	337	122	99.7	0.011	43.8
2014027374	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83109	99.0559	0.6067	0.04	0.039	295	18	0.07	38	67	35	522	124	99.9	<.01	43.3
2014027375	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83110	99.0913	0.6485	0.04	0.03	306	19	0.06	43	43	45	371	137	100.0	<.01	43.1
2014027376	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83111	97.7356	1.5899	0.05	0.139	485	17	0.27	146	225	36	939	135	100.0	0.011	43.7
2014027377	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83112	97.6997	1.6108	0.04	0.055	357	24	0.15	75	70	47	2239	26	99.8	0.010	43.6
2014027378	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83113	97.4322	2.2803	0.04	0.039	320	26	0.07	66	51	31	1067	158	100.0	<.01	43.9
2014027379	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83114	98.3782	1.2552	0.03	0.027	297	16	0.05	51	31	31	888	116	99.9	0.010	44.0
2014027380	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83115	97.4144	1.9874	0.06	0.039	308	20	0.07	58	69	45	1570	33	99.8	0.013	44.0
2014027381	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83116	99.4848	0.5439	0.03	0.017	270	15	0.03	56	18	34	742	11	100.2	<.01	43.7
2014027382	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83117	99.127	0.523	0.04	0.02	259	18	0.04	54	22	40	474	12	99.8	<.01	43.1
2014027384	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83118	98.5916	0.6694	0.04	0.022	242	18	0.23	48	38	43	495	21	99.6	<.01	43.2
2014027385	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83119	98.9278	0.795	0.03	0.021	265	18	0.05	48	22	44	1209	4	100.0	0.010	43.8
2014027386	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83120	98.6992	0.9414	0.04	0.022	267	19	0.04	47	20	44	1111	23	99.9	0.007	43.6
2014027387	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83121	99.0383	0.7113	0.04	0.021	252	18	0.04	46	27	43	910	14	100.0	<.01	43.6
2014027388	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83122	98.6958	0.9414	0.10	0.035	267	30	0.09	52	44	130	738	27	100.0	0.007	43.7
2014027389	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83123	99.0916	0.523	0.05	0.022	221	22	0.04	41	23	44	721	23	99.8	<.01	43.4
2014027390	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83124	98.9666	0.6067	0.06	0.021	256	24	0.05	55	27	83	1151	18	99.9	<.01	43.4
2014027391	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83125	98.9666	0.5648	0.06	0.022	283	22	0.04	47	26	43	551	10	99.8	<.01	43.5
2014027399	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82872	98.7525	0.6694	0.04	0.044	262	33	0.1	60	80	62	567	27	99.7	<.01	43.4
2014027400	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82873	99.2525	0.6276	0.05	0.031	225	32	0.07	54	37	45	469	20	100.1	<.01	43.5
2014027401	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82874	98.5916	0.6694	0.09	0.069	266	54	0.2	94	57	41	325	49	99.7	<.01	43.1
2014027402	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82875	99.0561	0.6904	0.08	0.055	262	44	0.13	50	70	52	601	39	100.1	<.01	43.5
2014027403	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82876	98.7882	0.6694	0.04	0.051	264	41	0.1	48	75	51	517	25	99.8	<.01	43.4
2014027404	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82877	98.6989	0.6067	0.06	0.069	255	55	0.13	57	92	43	858	32	99.7	<.01	43.4
2014027405	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82878	98.0924	0.774	0.14	0.28	274	89	0.52	54	368	40	1739	107	100.1	<.01	43.1
2014027406	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82879	98.1456	0.9832	0.10	0.159	275	58	0.34	49	75	40	2534	77	100.0	<.01	43.1
2014027407	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82880	98.0386	0.9832	0.10	0.161	290	69	0.34	50	87	42	3937	91	100.1	<.01	42.9
2014027408	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82881	99.1632	0.5439	0.04	0.021	258	21	0.05	53	17	45	1009	4	100.0	<.01	43.7
2014027409	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82882	98.4315	0.6485	0.08	0.115	284	29	0.54	62	178	70	1334	43	100.0	<.01	43.2
2014027411	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82883	94.2012	5.4183	0.04	0.035	266	22	0.06	33	24	46	617	10	99.9	<.01	43.8
2014027412	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82884	94.2012	5.4183	0.05	0.029	491	19	0.05	38	37	123	776	24	99.9	<.01	43.8
2014027413	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82885	97.6818	1.6318	0.03	0.031	655	13	0.43	39	59	97	1302	13	100.0	<.01	43.6
2014027414	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82886	96.9146	2.9288	0.02	0.022	354	11	0.05	39	21	49	944	14	100.1	<.01	44.0
2014027415	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82887	97.6997	2.0292	0.03	0.028	264	26	0.06	40	38	92	993	19	100.0	<.01	43.7
2014027416	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82888	94.6474	5.1463	0.03	0.022	236	17	0.05	29	20	56	901	7	100.0	<.01	43.7
2014027417	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82889	95.7183	4.2677	0.02	0.018	220	16	0.09	25	15	48	645	7	100.2	<.01	43.5
2014027418	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82890	96.7	3.0543	0.03	0.027	206	17	0.05	22	36	53	886	15	100.0	<.01	43.5
2014027420	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82891	86.6694	13.201	0.02	0.024	199	16	0.06	25	20	56	155	10	100.0	<.01	44.3
2014027421	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82892	90.0962	9.7487	0.02	0.022	194	15	0.04	25	19	45	114	12	100.0	<.01	44.1
2014027422	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82893	85.3843	14.456	0.03	0.024	203	17	0.03	25	16	51	336	19	100.0	<.01	44.4
2014027423	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82894	94.6653	5.0626	0.02	0.032	224	15	0.15	32	45	61	1521	13	100.1	<.01	43.5

2014027424	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82895	81.8502	17.594	0.03	0.05	225	19	0.07	30	62	62	2484	22	99.9	<.01	44.4
2014027425	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82896	89.8287	9.6232	0.03	0.054	255	20	0.08	35	82	68	2098	16	99.9	<.01	44.5
2014027426	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82897	94.4511	4.9999	0.05	0.034	239	28	0.06	31	55	111	644	15	99.7	<.01	43.8
2014027427	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82898	98.8774	0.774	0.03	0.028	288	21	0.05	42	29	51	586	12	99.9	<.01	43.4
2014027428	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82899	78.3165	20.209	0.07	0.132	249	28	0.67	29	147	74	2098	77	99.7	0.018	44.7
2014027429	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82900	67.7505	31.422	0.10	0.145	221	33	0.27	22	154	92	868	69	99.8	<.01	45.8
2014027430	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82901	73.1763	26.422	0.06	0.095	231	29	0.14	26	124	75	1158	40	100.1	<.01	45.3
2014027431	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82902	97.6994	1.9246	0.04	0.057	242	25	0.09	37	99	49	885	27	99.9	<.01	43.4
2014027432	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82903	92.8448	6.8827	0.03	0.043	242	23	0.07	36	60	46	510	23	100.0	<.01	43.9
2014027433	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82904	88.151	11.757	0.03	0.048	221	28	0.08	34	75	53	913	21	100.2	<.01	44.4
2014027434	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82905	73.6403	25.794	0.09	0.062	225	61	0.18	32	70	138	921	42	99.9	<.01	45.3
2014027435	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82906	97.6459	0.9414	0.26	0.352	552	67	0.62	102	751	78	932	244	100.1	<.01	42.7
2014027436	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82907	98.4491	0.795	0.06	0.08	304	43	0.64	29	91	98	757	59	100.2	<.01	42.9
2014027437	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82908	99.1094	0.8159	0.08	0.052	359	55	0.09	42	38	71	301	41	100.2	<.01	43.2
2014027438	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82909	99.0737	1.0042	0.05	0.056	272	46	0.1	37	65	69	390	39	100.4	<.01	43.1
2014027439	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82910	97.6816	0.9623	0.11	0.25	256	45	0.48	44	353	54	5588	209	100.1	<.01	42.7
2014027440	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82911	96.8603	1.6318	0.13	0.29	258	55	0.56	45	212	69	3928	184	100.0	<.01	42.6
2014027441	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82912	94.0944	4.6652	0.11	0.271	275	46	0.6	56	409	85	2162	148	100.1	0.021	43.4
2014027442	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82913	95.7005	3.0752	0.08	0.174	281	44	0.42	52	289	90	2103	106	99.7	<.01	43.3
2014027443	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82914	96.9498	1.6945	0.06	0.218	271	40	0.41	55	490	80	2208	80	99.7	<.01	43.2
2014027444	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82915	98.3958	0.6904	0.04	0.066	286	41	0.22	54	109	67	1036	39	99.6	<.01	43.7
2014027445	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82916	98.985	0.6904	0.08	0.037	288	50	0.07	47	78	76	1283	14	100.0	<.01	43.7
2014027446	3/23/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82917	98.3782	1.0669	0.05	0.054	286	40	0.09	48	111	71	1776	36	99.9	<.01	43.8
2014027904	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83126	95.5403	4.1422	0.04	0.026	282	27	0.04	59	37	58	992	23	99.9	<.01	44.1
2014027905	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83127	84.7066	13.619	0.11	0.289	281	38	1.14	77	368	97	1082	151	100.1	<.01	44.3
2014027906	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83128	95.8081	3.3472	0.08	0.079	396	26	0.42	56	114	56	1712	53	100.0	<.01	43.8
2014027907	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83129	93.3093	3.5982	0.08	0.179	745	36	1.61	82	203	58	1865	94	99.1	0.005	43.9
2014027908	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83130	96.2543	3.5146	0.05	0.027	480	17	0.06	39	36	52	1161	16	100.1	<.01	44.0
2014027909	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83131	95.6829	4.1212	0.05	0.02	243	21	0.04	35	19	60	610	10	100.0	<.01	43.9
2014027910	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83132	93.3093	6.1086	0.08	0.097	387	35	0.19	46	112	53	877	78	99.9	<.01	44.2
2014027911	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83133	94.3088	4.1212	0.17	0.288	338	40	0.85	57	658	66	767	205	99.9	0.097	43.5
2014027912	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83134	91.6673	2.866	0.60	1.136	350	90	2.77	105	3575	91	1177	655	99.6	0.509	41.6
2014027913	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83135	89.4899	1.9665	1.11	1.619	309	101	4.66	158	6478	83	1957	1123	99.9	0.955	39.5
2014027914	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83136	98.521	0.795	0.09	0.114	275	49	0.3	40	304	60	1172	56	100.0	<.01	43.7
2014027915	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83137	98.8065	0.6904	0.08	0.132	264	48	0.26	39	342	62	2631	90	100.3	<.01	43.5
2014027916	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83138	98.8958	0.6904	0.06	0.116	272	46	0.22	44	312	61	1581	61	100.2	<.01	43.6
2014027917	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83139	97.8963	1.2134	0.09	0.258	258	52	0.5	57	660	76	1440	109	100.2	<.01	43.4
2014027918	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83140	97.0753	1.5062	0.11	0.391	254	49	0.78	63	1042	50	2159	200	100.2	<.01	43.3
2014027919	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83141	98.164	0.795	0.07	0.273	263	44	0.63	50	737	47	2487	247	100.3	0.005	43.3
2014027920	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83142	98.9099	0.7113	0.07	0.077	265	48	0.14	41	177	57	1192	62	100.1	<.01	43.6
2014027921	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83143	99.2346	0.6067	0.04	0.04	243	41	0.06	29	75	37	457	36	100.1	<.01	43.5
2014027922	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83144	97.6462	1.0251	0.12	0.281	257	48	0.5	45	436	43	1812	133	99.9	<.01	43.3
2014027923	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83145	98.5742	0.6485	0.07	0.127	256	43	0.44	36	243	37	1299	66	100.1	<.01	43.4
2014027924	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83146	98.7884	0.6485	0.08	0.083	267	49	0.17	39	163	40	1837	60	100.0	<.01	43.4
2014027925	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83147	98.7525	0.6485	0.05	0.052	269	41	0.09	38	108	43	1438	35	99.8	0.006	43.5
2014027926	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83148	98.9848	0.6904	0.03	0.046	276	38	0.07	39	91	44	1055	176	100.0	<.01	43.5
2014027927	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83149	98.6811	0.6694	0.03	0.033	268	38	0.08	32	51	46	1436	24	99.7	<.01	43.5
2014027928	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83150	99.1097	0.5858	0.04	0.031	266	40	0.08	23	53	36	1442	21	100.0	<.01	43.5
2014027929	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83151	97.6427	1.8828	0.05	0.081	279	41	0.14	35	189	67	1787	54	100.0	<.01	43.8
2014027930	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83152	97.9141	1.6527	0.05	0.072	297	40	0.15	40	161	45	328	65	99.9	<.01	43.9
2014027931	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83153	96.2719	2.9288	0.07	0.137	299	43	0.25	49	340	56	801	96	99.8	0.015	43.7
2014027932	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83154	98.1102	1.6108	0.04	0.077	305	35	0.15	45	177	49	838	51	100.1	<.01	43.5
2014027933	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83155	98.4136	0.795	0.04	0.05	303	41	0.55	39	126	69	969	26	100.0	0.006	43.4
2014027934	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83156	98.2706	0.795	0.04	0.05	305	41	0.55	39	122	68	963	26	99.9	0.008	43.2

2014027935	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83157	98.6955	0.7322	0.06	0.056	291	37	0.11	33	114	64	1843	49	99.9	0.007	43.4
2014027936	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83158	97.3425	1.4853	0.11	0.221	304	40	0.41	33	221	32	1576	137	99.8	0.006	43.2
2014027937	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83159	98.9669	0.6904	0.06	0.084	301	32	0.14	29	169	43	708	61	100.1	<.01	43.5
2014027938	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83160	99.0204	0.6904	0.06	0.083	297	33	0.14	30	171	38	861	73	100.1	<.01	43.4
2014027939	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83161	96.5574	2.5732	0.13	0.176	261	39	0.33	30	234	32	1834	250	100.0	0.009	43.5
2014027940	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83162	97.3246	1.5272	0.12	0.205	251	34	0.38	32	396	36	1371	204	99.8	<.01	43.3
2014027941	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83163	97.4855	1.4226	0.12	0.155	283	40	0.5	36	301	51	1146	88	99.9	<.01	43.4
2014027942	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83164	99.1632	0.6485	0.04	0.056	314	33	0.09	35	98	39	919	40	100.1	<.01	43.5
2014027943	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83165	98.7525	0.5858	0.05	0.065	307	34	0.11	33	128	39	818	43	99.7	<.01	43.4
2014027944	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83166	97.896	0.8159	0.14	0.258	288	31	0.49	40	629	44	1959	177	99.9	0.012	43.3
2014027945	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83167	91.2387	7.0919	0.15	0.349	237	41	0.7	39	728	88	1216	206	99.8	<.01	43.7
2014027946	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83168	98.5918	0.6694	0.06	0.085	261	33	0.15	28	194	43	1390	68	99.8	0.010	43.5
2014027948	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82918	98.0745	1.4853	0.04	0.063	277	39	0.11	46	132	40	1508	39	100.0	<.01	43.6
2014027949	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82919	97.7175	1.8619	0.04	0.078	284	40	0.15	50	183	39	617	37	100.0	<.01	43.7
2014027950	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82920	97.0036	2.4476	0.04	0.084	284	41	0.16	49	192	46	1131	54	99.9	<.01	43.6
2014027951	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82921	97.6107	2.0292	0.04	0.066	288	38	0.23	46	142	48	618	54	100.1	<.01	43.9
2014027952	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82922	98.6102	0.9832	0.03	0.061	304	37	0.19	51	134	44	2742	53	100.2	0.006	43.6
2014027953	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82923	97.2894	2.5104	0.04	0.055	292	39	0.08	44	119	38	379	23	100.1	<.01	44.0
2014027955	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82924	97.8606	1.7782	0.03	0.059	295	36	0.09	47	127	38	760	36	100.0	<.01	43.9
2014027956	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82925	97.8601	1.5481	0.02	0.047	297	36	0.09	36	93	36	1258	95	99.8	<.01	43.4
2014027957	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82926	98.1456	1.6736	0.04	0.043	311	40	0.07	39	83	40	889	47	100.1	<.01	43.4
2014027958	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82927	98.8596	1.046	0.04	0.035	319	37	0.05	42	59	35	337	28	100.1	<.01	43.4
2014027959	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82928	92.3629	6.6735	0.05	0.112	303	40	0.2	50	279	46	890	68	99.6	<.01	43.9
2014027960	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82929	98.1992	1.4016	0.03	0.038	313	35	0.06	48	67	43	501	31	99.8	<.01	43.5
2014027961	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82930	98.5561	1.1506	0.04	0.032	298	36	0.05	36	51	32	621	27	99.9	<.01	43.4
2014027962	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82931	99.1451	0.6694	0.02	0.027	293	32	0.04	34	38	37	568	20	100.0	0.007	43.4
2014027963	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82932	99.1987	0.5648	0.03	0.026	287	32	0.05	31	34	35	627	75	100.0	<.01	43.3
2014027964	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82933	99.0737	0.5858	0.04	0.031	281	33	0.04	33	34	35	719	105	99.9	<.01	43.4
2014027965	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82934	99.0559	0.5648	0.03	0.034	247	34	0.08	30	41	36	977	23	99.9	<.01	43.3
2014027966	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82935	98.9131	0.6276	0.09	0.038	262	45	0.05	36	63	78	901	198	99.9	<.01	43.3
2014027967	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82936	97.9853	1.297	0.11	0.035	246	44	0.05	35	40	63	5588	110	100.1	<.01	43.4
2014027968	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82937	98.6635	0.8368	0.10	0.053	235	42	0.08	36	101	72	724	114	99.9	<.01	43.6
2014027969	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82938	98.3955	1.3389	0.05	0.04	241	38	0.06	37	63	70	612	139	100.0	<.01	43.3
2014027970	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82939	89.9539	8.7655	0.14	0.25	254	43	0.74	53	306	81	1956	230	100.1	0.008	43.8
2014027971	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82940	91.8277	7.0082	0.11	0.176	252	42	0.56	48	159	28	1449	65	99.9	<.01	43.8
2014027972	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82941	93.2201	4.6861	0.17	0.329	241	41	1.28	49	807	40	1906	166	100.0	0.080	43.3
2014027973	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82942	87.1161	11.883	0.15	0.123	233	55	0.57	40	219	50	2165	57	100.1	0.006	44.3
2014027974	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82943	84.1533	15.355	0.14	0.145	220	50	0.32	39	114	37	1875	82	100.4	0.005	44.6
2014027975	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82944	95.2902	4.184	0.08	0.077	238	35	0.15	31	88	25	2748	38	100.1	0.005	43.7
2014027976	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82945	92.8274	6.7572	0.12	0.101	242	43	0.26	36	194	42	1748	42	100.3	<.01	44.0
2014027977	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82946	90.7571	9.3303	0.13	0.099	241	47	0.21	43	74	29	1411	54	100.7	<.01	44.0
2014027978	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82947	79.6556	19.518	0.15	0.201	231	47	0.38	50	310	64	2319	105	100.2	0.005	45.0
2014027979	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82948	83.0467	16.945	0.11	0.118	235	48	0.2	37	163	44	1756	68	100.7	<.01	44.7
2014027980	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82949	87.9014	10.104	0.24	0.511	232	39	0.93	71	1291	52	1734	247	100.0	<.01	43.9
2014027981	3/24/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82950	93.3629	6.548	0.11	0.097	261	39	0.17	26	71	18	2048	41	100.5	<.01	43.9
2014028551	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83169	97.4853	1.2552	0.15	0.147	240	48	0.42	35	296	26	1349	66	99.7	<.01	43.4
2014028552	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83170	98.4491	0.6276	0.13	0.074	231	55	0.11	30	113	9	1708	86	99.6	<.01	43.4
2014028553	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83171	97.8244	0.8159	0.13	0.08	234	47	0.24	34	135	26	5535	33	99.7	<.01	43.1
2014028554	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83172	91.5419	7.3011	0.14	0.159	232	48	0.28	37	366	39	2131	76	99.7	<.01	43.7
2014028555	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83173	94.7905	3.5773	0.19	0.278	288	56	0.57	50	707	36	1920	132	99.7	0.072	43.4
2014028556	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83174	94.6836	2.5941	0.24	0.472	238	52	1.41	58	1278	68	3020	215	99.9	0.086	43.0
2014028557	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83175	95.4684	2.4267	0.17	0.312	262	51	0.6	55	779	39	6007	149	99.7	0.007	42.9
2014028558	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83176	81.8331	6.7781	0.84	1.999	331	108	5.72	203	5994	145	16923	930	99.6	0.515	38.4
2014028559	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83177	82.9218	8.5981	0.51	1.194	326	101	4.38	128	3410	97	9841	579	99.1	0.344	40.8

2014028560	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83178	58.4344	5.6275	1.08	3.183	664	344	17.89	640	9573	1577	1366	2349	87.9	0.984	29.5
2014028561	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83179	40.9969	5.4183	1.55	4.96	484	285	20.32	1061	####	347	10454	2637	76.7	1.670	23.4
2014028562	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83180	97.9144	1.1088	0.10	0.147	541	61	0.43	109	354	53	2259	69	100.0	0.044	43.4
2014028563	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83181	98.0929	1.1924	0.10	0.13	513	30	0.36	47	242	68	572	108	100.0	0.044	43.7
2014028564	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83182	98.3068	1.0878	0.10	0.123	476	35	0.4	43	250	51	554	96	100.2	0.034	43.7
2014028565	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83183	98.2354	0.8996	0.08	0.064	430	36	0.71	41	99	40	300	31	100.1	0.022	43.9
2014028566	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83184	97.3608	1.0669	0.09	0.08	468	41	1.34	38	89	56	258	52	100.0	0.016	43.9
2014028567	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83185	97.5926	1.4644	0.10	0.176	491	30	0.45	54	218	58	885	172	100.0	0.030	43.7
2014028570	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82704	93.8983	4.1003	0.11	0.205	1024	33	1	113	524	96	2727	105	99.8	0.006	43.6
2014028571	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82705	93.1844	4.0585	0.14	0.266	1055	38	1.9	122	681	89	3418	131	100.1	0.036	42.9
2014028572	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82706	91.2566	3.2426	0.24	0.745	896	61	3.59	192	2143	110	3294	455	99.8	0.053	41.7
2014028573	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82707	97.0396	1.1924	0.11	0.282	437	36	0.98	88	557	104	1341	165	99.9	<.01	43.5
2014028574	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82708	96.6834	0.8786	0.09	0.114	355	38	1.83	57	274	69	821	81	99.8	0.030	44.0
2014028575	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82709	97.5393	0.8996	0.14	0.256	392	34	0.55	83	637	79	2629	156	99.8	0.034	43.6
2014028576	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82710	97.9855	0.9623	0.10	0.147	454	26	0.29	63	361	94	1427	78	99.7	0.019	43.7
2014028577	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82711	98.4496	0.9205	0.11	0.118	462	28	0.25	67	293	80	1261	78	100.1	0.011	43.7
2014028578	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82712	98.5034	0.774	0.09	0.061	335	30	0.21	49	140	80	1094	47	99.8	0.039	44.1
2014028579	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82713	96.8432	2.5732	0.09	0.092	329	29	0.2	54	170	72	1312	64	100.0	0.019	43.9
2014028580	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82714	90.6862	8.0751	0.14	0.225	363	43	0.59	58	357	116	1532	140	100.0	0.078	44.7
2014028581	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82715	98.2713	0.8368	0.10	0.116	399	33	0.25	44	261	73	754	87	99.7	0.057	44.2
2014028582	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82716	88.0625	10.021	0.19	0.311	388	45	0.76	84	655	109	1938	226	99.7	0.073	44.7
2014028583	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82717	88.7046	7.05	0.25	0.603	427	62	1.82	122	1612	103	3118	344	99.0	0.050	43.6
2014028584	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82718	96.5941	0.8786	0.11	0.068	329	43	1.73	48	167	90	523	47	99.5	0.037	44.2
2014028585	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82719	98.985	0.8159	0.11	0.049	319	36	0.13	45	102	61	378	33	100.2	0.013	43.7
2014028586	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82720	97.0936	0.8577	0.07	0.048	313	29	1.83	41	109	75	257	35	100.0	0.014	43.7
2014028587	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82721	98.9315	0.8368	0.07	0.041	296	25	0.09	38	90	63	209	43	100.0	0.017	43.9
2014028588	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82722	98.1477	0.8786	0.06	0.048	345	26	0.09	42	88	65	481	40	99.3	0.017	43.9
2014028589	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82723	98.1997	1.1715	0.07	0.065	349	27	0.24	43	152	83	464	62	99.9	0.018	43.9
2014028590	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82724	97.0039	1.1924	0.11	0.284	353	29	0.83	66	743	82	1668	225	99.7	0.022	43.5
2014028591	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82725	98.2853	0.795	0.07	0.042	412	34	0.54	46	80	58	1065	23	99.9	0.013	43.5
2014028592	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82726	98.7456	0.7322	0.08	0.074	375	36	0.14	44	148	61	868	53	99.9	0.014	43.7
2014028593	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82727	98.7882	0.6904	0.06	0.065	363	30	0.12	45	135	62	1166	72	99.9	<.01	43.3
2014028594	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82728	98.1992	0.6067	0.08	0.199	250	27	0.41	40	450	123	2712	145	99.9	<.01	43.1
2014028595	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82729	98.3779	0.6067	0.08	0.179	255	31	0.52	35	421	56	1912	109	100.0	<.01	43.3
2014028596	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82730	98.6099	0.7322	0.07	0.097	291	28	0.33	35	227	56	1007	75	100.0	<.01	43.3
2014028597	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82731	96.7897	0.6485	0.05	0.059	274	33	1.84	34	120	95	425	38	99.5	<.01	43.4
2014028598	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82732	98.3598	0.7113	0.06	0.077	286	23	0.15	34	171	58	919	50	99.5	<.01	43.4
2014028599	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82733	96.6293	0.7113	0.07	0.208	277	30	1.78	43	498	86	1439	141	99.7	0.005	43.3
2014028600	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82734	97.807	0.6694	0.07	0.08	301	34	0.98	30	136	58	1139	53	99.8	<.01	43.4
2014028601	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82735	98.0748	0.774	0.12	0.11	345	48	0.28	39	184	62	2602	77	99.7	0.024	43.8
2014028602	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82736	98.3425	0.6485	0.07	0.053	317	33	0.25	40	99	47	344	45	99.5	0.031	44.0
2014028603	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82737	98.7706	0.6276	0.08	0.044	298	38	0.13	44	97	62	432	43	99.7	<.01	43.6
2014028604	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82738	96.4684	0.7531	0.12	0.212	359	42	1.55	67	563	71	2640	172	99.5	<.01	43.3
2014028605	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82739	98.7349	0.5648	0.07	0.045	260	36	0.3	42	95	57	601	59	99.8	<.01	43.5
2014028606	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82740	98.717	0.5858	0.07	0.039	271	35	0.29	43	72	62	582	23	99.8	<.01	43.6
2014028609	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82951	86.8841	9.7487	0.12	0.159	230	53	2.02	28	262	103	1944	107	99.2	<.01	44.1
2014028610	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82952	85.2777	8.7655	0.30	0.788	293	54	3.28	85	2039	126	2343	540	99.0	0.186	42.9
2014028611	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82953	79.6378	10.063	0.62	1.427	307	100	5.34	165	4387	129	3920	952	98.1	0.477	40.8
2014028612	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82954	79.3522	8.6818	0.60	1.422	364	93	5.46	165	4429	138	12293	884	97.4	0.586	39.8
2014028613	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82955	89.5442	5.5647	0.30	0.68	335	71	2.8	137	1937	88	5976	414	99.8	0.243	42.1
2014028614	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82956	72.3201	11.966	0.72	1.789	412	124	7.96	206	5728	169	18738	1137	97.4	0.693	37.6
2014028615	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82957	70.339	15.167	0.64	1.667	380	134	6.7	167	5353	156	14979	1060	96.7	0.664	39.2
2014028617	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82958	93.3986	4.7488	0.14	0.187	278	73	1	51	542	65	1811	121	99.8	0.041	43.5
2014028618	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82959	83.2788	14.372	0.18	0.357	267	82	1.27	65	1047	73	2464	206	99.9	0.082	43.9

2014028619	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82960	81.137	15.899	0.20	0.396	264	96	1.84	66	1168	82	2430	243	99.9	0.098	43.9
2014028620	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82961	90.4894	6.4434	0.18	0.239	259	101	1.78	51	684	112	513	160	99.3	0.061	43.8
2014028621	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82962	89.4363	8.2006	0.14	0.308	246	72	1.07	56	888	64	1265	185	99.4	0.068	43.9
2014028622	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82963	97.1283	1.82	0.07	0.063	275	55	0.47	42	158	45	478	37	99.7	0.016	43.7
2014028623	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82964	73.3981	24.853	0.25	0.306	230	98	0.83	62	862	130	2551	198	100.0	0.099	45.1
2014028624	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82965	78.6559	19.435	0.23	0.282	239	100	0.76	63	799	122	2154	164	99.7	0.059	44.6
2014028625	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82966	69.7458	27.28	0.22	0.315	230	115	1.89	57	812	136	2684	194	99.9	0.058	45.1
2014028627	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82967	71.981	25.878	0.26	0.398	233	103	1.07	59	726	115	3260	182	100.0	0.052	45.1
2014028628	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82968	96.986	2.2594	0.11	0.058	231	69	0.1	38	135	55	291	26	99.6	0.009	43.8
2014028629	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82969	97.8601	1.4226	0.10	0.049	222	71	0.09	35	114	57	298	28	99.6	<.01	43.7
2014028630	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82970	98.5742	0.8577	0.12	0.051	218	71	0.17	38	103	47	322	170	99.9	<.01	43.7
2014028631	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82971	98.0748	1.6318	0.09	0.049	228	69	0.11	39	109	56	331	36	100.0	0.007	43.8
2014028632	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82972	98.3249	1.4226	0.12	0.047	252	72	0.12	39	110	69	358	15	100.1	0.013	43.7
2014028633	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82973	97.8601	0.9414	0.05	0.035	240	67	0.88	39	79	74	154	15	99.8	0.005	43.7
2014028634	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82974	97.9068	0.8159	0.11	0.056	235	97	1.26	37	120	57	334	25	100.2	0.005	43.5
2014028635	3/25/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82975	95.3795	4.4769	0.06	0.067	251	57	0.14	43	176	65	329	43	100.2	0.005	43.9
2014028699	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83186	98.2889	1.1715	0.06	0.065	441	24	0.16	44	61	52	649	28	99.9	0.012	43.9
2014028700	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83187	97.4144	1.0251	0.07	0.071	508	34	1.03	61	74	44	539	26	99.7	0.016	43.8
2014028701	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83188	94.7563	1.2761	0.26	0.46	189	214	2.5	50	715	78	150	228	99.4	0.013	43.9
2014028702	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83189	98.628	1.046	0.09	0.034	439	32	0.27	27	51	52	99	34	100.1	0.012	43.9
2014028703	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83190	98.4674	0.9205	0.09	0.041	407	36	0.13	33	58	45	574	39	99.8	0.012	43.9
2014028704	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83191	98.4674	0.9832	0.08	0.043	332	30	0.09	31	70	44	868	39	99.8	0.008	43.7
2014028705	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83192	97.3251	0.774	0.11	0.104	347	32	0.32	41	196	48	10149	134	99.7	0.012	43.2
2014028706	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83193	98.2354	0.8368	0.08	0.045	349	30	0.08	33	93	51	1577	25	99.5	0.012	43.8
2014028707	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83194	98.6459	0.774	0.07	0.038	385	26	0.06	33	69	43	765	18	99.7	0.009	43.9
2014028708	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83195	98.2175	0.6904	0.07	0.043	297	34	1.11	25	69	47	440	26	100.2	0.009	43.8
2014028709	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83196	98.6816	0.6067	0.11	0.033	277	38	0.54	27	63	34	596	38	100.1	0.007	43.8
2014028710	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83197	98.9493	0.6694	0.09	0.054	362	33	0.11	35	105	45	1491	40	100.1	<.01	43.6
2014028711	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83198	98.7708	0.7113	0.07	0.046	432	26	0.08	54	76	35	556	28	99.8	0.005	43.7
2014028712	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83199	98.6278	0.7113	0.09	0.051	365	29	0.11	41	57	29	1402	31	99.8	<.01	43.4
2014028713	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83200	98.8417	0.6904	0.09	0.042	295	34	0.07	28	61	37	1414	35	99.9	0.005	43.5
2014028714	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83201	98.6102	0.8368	0.11	0.114	411	39	0.22	29	203	45	468	111	100.0	0.012	43.6
2014028715	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83202	98.7706	0.8159	0.07	0.055	343	30	0.1	21	93	44	902	59	100.0	0.007	43.7
2014028716	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83203	98.6989	0.6485	0.07	0.04	396	32	0.54	22	71	41	427	32	100.1	0.005	43.7
2014028717	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83204	98.7882	0.6485	0.06	0.036	240	23	0.05	22	53	31	832	53	99.7	<.01	43.5
2014028718	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83205	98.3241	0.8996	0.05	0.045	219	21	0.07	18	77	40	1335	55	99.6	<.01	43.6
2014028719	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83206	98.7527	0.6694	0.06	0.036	251	24	0.05	18	53	36	980	25	99.7	<.01	43.4
2014028720	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83207	99.2346	0.6276	0.09	0.031	227	26	0.05	17	49	47	450	21	100.1	<.01	43.4
2014028721	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83208	99.1989	0.5648	0.08	0.029	188	26	0.07	17	55	39	411	24	100.0	<.01	43.5
2014028722	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83209	98.0926	1.6318	0.05	0.039	223	23	0.23	21	68	43	1102	35	100.2	<.01	43.6
2014028723	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83210	97.3606	2.0502	0.06	0.053	209	25	0.09	19	74	40	942	95	99.8	<.01	43.6
2014028724	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83211	97.2356	2.5313	0.07	0.04	266	36	0.05	27	44	33	1026	64	100.1	<.01	43.6
2014028725	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83212	99.1097	0.8577	0.07	0.069	262	33	0.11	27	132	27	384	78	100.3	<.01	43.4
2014028726	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83213	99.2703	0.5858	0.08	0.074	367	41	0.11	35	129	26	461	63	100.2	<.01	43.3
2014028727	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83214	97.2356	1.046	0.10	0.239	401	49	1.14	39	474	62	2033	85	100.1	0.008	43.3
2014028728	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83215	96.29	1.5899	0.12	0.347	417	49	1.27	46	693	87	2474	127	100.0	0.021	43.1
2014028729	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83216	98.1099	0.9414	0.07	0.157	406	33	0.33	29	329	52	3132	48	100.0	0.005	43.3
2014028730	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83217	98.3063	0.6694	0.07	0.134	383	32	0.22	28	274	36	4298	92	99.9	<.01	43.2
2014028731	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83218	97.985	0.9205	0.07	0.129	373	37	0.22	24	276	43	2038	83	99.6	<.01	43.3
2014028732	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83219	97.1288	1.8828	0.07	0.147	323	35	0.47	22	282	52	1954	217	100.0	0.009	43.4
2014028733	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83220	96.8787	1.82	0.07	0.152	242	37	0.61	21	287	40	1606	67	99.8	0.023	43.5
2014028734	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83221	97.2535	1.569	0.09	0.12	238	41	0.47	20	235	27	1418	80	99.7	0.016	43.5
2014028735	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83222	95.4687	2.7614	0.10	0.234	281	45	0.72	29	476	49	3038	100	99.7	0.037	43.4
2014028736	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83223	96.486	1.9874	0.13	0.149	316	60	0.58	24	297	32	1827	90	99.6	0.027	43.5

2014028737	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83224	96.6968	2.092	0.10	0.161	338	51	0.72	23	340	37	1763	74	100.0	0.022	43.5
2014028738	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83225	96.5755	2.0502	0.09	0.202	406	47	0.81	32	453	36	1909	91	100.0	0.023	43.4
2014028739	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83226	97.2002	1.3807	0.11	0.205	471	45	0.66	42	435	39	2608	84	99.9	0.046	43.3
2014028740	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83227	96.7183	1.6318	0.13	0.256	520	58	0.93	45	540	44	1643	136	100.0	0.042	43.3
2014028741	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83228	97.1824	1.8619	0.09	0.138	432	49	0.69	40	291	29	1641	89	100.2	0.022	43.5
2014028742	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83229	97.3251	1.6108	0.09	0.151	411	46	0.64	56	305	36	1995	116	100.1	0.027	43.4
2014028743	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83230	96.9146	1.7364	0.08	0.198	414	49	0.92	49	403	45	2295	93	100.2	0.028	43.3
2014028744	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83231	95.9152	1.9037	0.09	0.287	411	49	1.11	53	623	51	3038	199	99.8	0.039	43.2
2014028745	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83232	94.6658	2.4895	0.14	0.32	400	66	1.61	44	699	59	3207	167	99.7	0.042	43.0
2014028746	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83233	93.0238	4.7907	0.15	0.21	445	166	1.61	60	431	49	2877	110	100.2	0.043	43.3
2014028747	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83234	92.3812	5.3555	0.10	0.184	561	176	1.45	91	362	32	1813	76	99.8	0.040	43.6
2014028748	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83235	94.6836	3.5146	0.11	0.231	460	56	1.28	65	500	31	2146	147	100.2	0.035	43.3
2014028749	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83236	95.3262	2.9497	0.13	0.176	429	53	1.17	67	382	28	1425	105	100.0	0.032	43.4
2014028750	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83237	96.0398	2.2175	0.14	0.23	457	59	0.74	65	500	26	4566	211	100.0	0.038	43.2
2014028751	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83238	64.7163	34.79	0.19	0.08	185	65	0.13	43	43	49	1190	82	100.1	<.01	46.0
2014028752	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83239	67.5011	32.217	0.32	0.107	231	57	0.16	49	43	65	1433	138	100.5	0.024	45.8
2014028753	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83240	67.0544	31.966	0.26	0.105	236	52	0.15	51	58	62	1759	122	99.8	0.028	45.8
2014028754	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83241	89.5256	8.5354	0.12	0.265	603	64	0.81	110	203	36	2982	171	99.7	0.014	43.9
2014028755	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83242	98.2711	1.3807	0.09	0.092	407	31	0.19	48	87	22	2612	71	100.4	0.006	43.2
2014028756	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83243	96.3435	1.7573	0.12	0.303	352	37	0.74	65	500	33	2650	218	99.7	0.026	43.3
2014028757	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83244	97.7713	1.1924	0.11	0.221	332	33	0.47	59	368	28	1577	180	100.0	0.035	43.4
2014028758	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83245	96.7183	2.0292	0.10	0.157	429	23	0.74	70	345	28	1401	109	100.0	0.087	43.4
2014028759	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83246	97.2716	1.7782	0.10	0.108	449	23	0.21	69	188	24	1036	76	99.7	0.089	43.7
2014028760	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83247	97.9141	1.7573	0.11	0.094	327	34	0.29	55	204	38	1645	49	100.4	0.028	43.8
2014028761	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83248	97.5572	1.7364	0.07	0.058	303	25	0.31	51	112	42	3066	33	100.1	0.023	43.7
2014028762	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83249	95.5934	2.364	0.11	0.104	371	34	0.4	61	218	71	11769	81	99.8	0.038	43.1
2014028763	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83250	97.4139	1.5899	0.07	0.065	345	28	0.21	50	126	42	6464	38	100.1	0.026	43.3
2014028764	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83251	94.469	1.7573	0.14	0.722	627	28	1.41	193	1819	53	11472	133	99.9	0.097	42.0
2014028765	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83252	95.9687	2.1757	0.14	0.264	440	39	0.98	87	654	55	4135	160	100.1	0.049	43.4
2014028766	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83253	96.2002	1.9037	0.10	0.207	455	28	0.72	79	503	43	3498	157	99.6	0.052	43.4
2014028767	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83254	95.4149	2.1548	0.12	0.225	430	37	1.09	77	491	48	5445	149	99.7	0.046	43.0
2014028768	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83255	96.1112	1.9246	0.12	0.132	382	31	0.85	74	282	46	7860	95	100.0	0.036	43.1
2014028769	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83256	93.5949	4.2049	0.07	0.178	436	28	1.13	75	395	55	3115	105	99.6	0.055	43.7
2014028770	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83257	95.576	2.887	0.09	0.188	365	27	1.08	105	445	43	1745	121	100.1	0.046	43.4
2014028771	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83258	97.1824	1.4644	0.09	0.134	371	27	0.78	62	301	45	1520	64	99.9	0.029	43.6
2014028772	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83259	97.2538	1.5899	0.07	0.172	413	24	0.85	64	387	47	3246	98	100.4	0.033	43.3
2014028773	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83260	96.5398	1.7573	0.08	0.248	472	24	1.05	84	590	48	2607	127	100.1	0.039	43.5
2014028774	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83261	95.2726	3.389	0.09	0.106	395	31	0.39	66	209	43	2860	60	99.6	0.035	43.8
2014028775	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83262	94.7193	3.3263	0.11	0.149	411	34	0.92	72	317	54	4523	93	99.8	0.037	43.4
2014028776	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83263	95.344	1.9456	0.11	0.272	433	32	1.59	204	693	85	5368	137	100.0	0.059	43.0
2014028777	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83264	96.1296	1.82	0.09	0.163	489	36	1.06	93	328	54	4187	102	99.8	0.036	43.3
2014028778	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83265	92.0957	4.4978	0.16	0.435	410	48	1.04	95	867	95	16467	232	100.0	0.037	42.5
2014028779	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83266	97.6637	0.9205	0.07	0.057	432	28	0.1	63	82	63	8067	361	99.7	0.012	43.3
2014028780	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83267	98.0391	0.9832	0.07	0.063	347	25	0.11	73	88	50	2279	81	99.6	0.022	43.7
2014028781	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83268	97.3965	1.4226	0.07	0.054	317	26	0.11	77	65	23	5190	35	99.6	0.032	43.8
2014028782	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83269	97.7713	1.9037	0.06	0.085	377	25	0.18	79	149	31	2887	45	100.4	0.016	43.7
2014028783	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83270	98.6278	1.0042	0.06	0.038	370	21	0.08	72	47	24	1788	35	100.0	0.007	43.6
2014028784	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83271	99.0564	0.774	0.05	0.042	319	21	0.07	72	51	28	2295	38	100.3	0.013	43.8
2014028785	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83272	87.9192	10.878	0.10	0.16	311	31	0.93	96	287	49	2259	100	100.3	0.027	44.2
2014028786	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83273	95.9865	3.41	0.08	0.07	307	32	0.17	84	109	43	2939	48	100.1	0.024	43.9
2014028787	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83274	98.1462	1.4644	0.06	0.044	301	29	0.08	95	47	24	4606	50	100.3	0.022	43.7
2014028788	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83275	96.7359	1.82	0.10	0.159	504	36	0.79	106	364	19	2712	113	100.0	0.037	43.5
2014028789	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83276	91.3639	3.41	0.17	0.417	1023	46	3.59	152	1079	54	1981	334	99.4	0.103	42.2
2014028790	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83277	89.0615	4.456	0.16	0.513	962	43	4.36	187	1551	89	2046	264	99.1	0.140	41.9

2014028791	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83278	87.4195	10.648	0.16	0.285	367	90	1.24	47	648	67	1096	167	100.0	0.077	43.8
2014028792	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83279	84.1712	14.058	0.16	0.267	332	119	0.95	38	562	60	1356	167	99.9	0.069	44.1
2014028793	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83280	83.1895	15.585	0.14	0.268	347	122	0.83	36	567	60	1251	150	100.3	0.072	44.3
2014028794	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83281	92.2028	6.0668	0.12	0.252	445	71	0.56	49	422	50	831	158	99.4	0.053	43.8
2014028795	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83282	95.4154	2.8033	0.13	0.232	581	59	0.73	104	467	46	1360	151	99.6	0.039	43.6
2014028796	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83283	97.0217	1.7364	0.14	0.189	589	47	0.61	61	379	54	1597	100	100.0	0.018	43.5
2014028810	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82741	99.2527	0.5439	0.12	0.029	266	43	0.08	46	39	35	375	22	100.1	<.01	43.6
2014028811	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82742	99.2168	0.5648	0.08	0.031	255	28	0.03	42	38	45	765	15	100.0	<.01	43.6
2014028812	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82743	98.6994	0.523	0.08	0.034	227	32	0.69	34	41	70	1987	39	100.3	<.01	43.5
2014028813	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82744	99.574	0.4602	0.06	0.028	210	22	0.04	31	30	40	942	59	100.3	<.01	43.5
2014028814	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82745	98.1105	0.8368	0.07	0.089	295	20	0.23	46	147	52	897	43	99.5	0.021	44.0
2014028815	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82746	96.8076	1.5272	0.15	0.29	349	32	0.61	109	672	51	4779	183	100.0	0.020	43.3
2014028816	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82747	95.112	3.5773	0.14	0.189	331	38	0.52	102	429	62	2495	102	99.9	0.008	43.6
2014028817	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82748	92.2744	5.8785	0.12	0.198	318	38	0.95	98	402	63	1791	128	99.7	0.033	44.0
2014028818	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82749	97.575	0.9205	0.10	0.13	395	30	0.54	89	283	38	2875	109	99.6	0.028	43.7
2014028819	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82750	97.8787	0.9414	0.12	0.159	473	34	0.32	88	343	41	916	528	99.7	0.031	44.0
2014028820	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82751	96.3435	1.5481	0.17	0.423	546	37	0.85	134	1091	47	1677	234	99.7	0.024	43.7
2014028821	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82752	95.8973	1.6108	0.18	0.42	504	41	0.9	121	1043	54	2639	222	99.5	0.031	43.6
2014028822	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82753	94.88	2.9706	0.20	0.299	423	51	0.84	105	792	56	2937	161	99.6	0.019	43.5
2014028823	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82754	92.9702	5.9413	0.15	0.208	415	49	0.42	84	463	61	1352	149	99.9	0.015	44.1
2014028824	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82755	82.2793	15.878	0.19	0.313	436	61	0.74	95	522	78	1774	208	99.7	0.024	44.6
2014028825	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82756	98.0388	0.9205	0.07	0.08	329	73	0.71	73	121	48	1786	62	100.1	<.01	43.2
2014028826	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82757	93.1844	5.3555	0.12	0.293	320	58	1	69	297	50	1034	225	100.2	0.020	43.6
2014028827	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82758	98.9136	0.7322	0.08	0.058	259	37	0.14	62	113	34	1064	54	100.1	<.01	43.3
2014028828	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82759	98.9666	0.6276	0.05	0.047	241	28	0.07	53	86	27	740	90	99.9	<.01	43.5
2014028829	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82760	99.3955	0.6276	0.07	0.044	242	30	0.07	55	76	25	929	145	100.4	<.01	43.5
2014028830	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82761	99.3953	0.6485	0.06	0.035	232	29	0.04	52	56	29	283	23	100.2	<.01	43.5
2014028831	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82762	99.574	0.6485	0.06	0.04	238	32	0.05	59	65	30	685	45	100.5	<.01	43.1
2014028832	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82763	99.038	0.6904	0.08	0.054	271	42	0.09	53	71	31	1006	27	100.1	<.01	43.2
2014028833	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82764	98.1632	0.7322	0.14	0.167	259	65	0.36	51	228	26	1207	108	99.8	<.01	43.0
2014028834	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82765	97.2535	1.6527	0.11	0.219	464	81	0.54	80	141	22	1424	199	100.0	<.01	43.3
2014028835	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82766	98.4493	0.795	0.10	0.085	307	44	0.17	54	38	20	1411	61	99.8	<.01	43.2
2014028836	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82767	93.9159	4.979	0.11	0.076	331	68	0.78	33	50	42	1620	79	100.1	<.01	43.4
2014028837	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82768	98.0924	1.1924	0.12	0.152	357	54	0.27	55	275	45	1544	93	100.1	<.01	43.1
2014028838	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82769	95.6472	3.0752	0.13	0.222	358	38	0.38	67	507	32	2709	265	99.9	<.01	43.1
2014028839	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82770	96.3795	3.0125	0.07	0.037	314	38	0.06	47	41	24	1742	37	99.8	0.018	44.2
2014028840	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82771	93.1849	6.004	0.08	0.032	305	45	0.2	42	43	41	1318	21	99.7	0.015	44.5
2014028841	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82772	98.2168	0.6067	0.10	0.177	789	44	0.31	62	368	33	1334	109	99.7	<.01	43.2
2014028842	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82773	94.9514	0.8159	0.55	0.961	442	132	1.73	111	1976	66	1494	698	99.5	<.01	42.3
2014028843	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82774	90.1324	0.9205	1.47	2.518	365	191	4.09	183	7374	124	2044	1980	100.4	<.01	39.7
2014028844	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82775	93.8619	4.7488	0.13	0.215	371	58	0.4	47	568	43	969	147	99.6	<.01	43.4
2014028845	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82776	96.6645	2.615	0.08	0.087	222	50	0.34	39	191	39	1103	66	100.0	<.01	43.7
2014028846	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82777	98.8955	0.4812	0.09	0.071	217	49	0.12	42	156	32	1028	61	99.8	<.01	43.6
2014028847	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82778	98.485	0.5648	0.10	0.085	230	51	0.14	43	158	36	2701	73	99.7	<.01	43.5
2014028848	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82779	99.1099	0.6067	0.08	0.079	226	47	0.13	41	133	27	604	93	100.1	<.01	43.7
2014028849	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82780	98.753	0.5648	0.05	0.062	218	43	0.2	40	96	26	528	35	99.7	<.01	43.7
2014028850	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82781	89.0258	10.188	0.17	0.258	254	49	0.45	60	674	46	849	160	100.3	<.01	44.0
2014028851	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82782	96.6112	1.9246	0.21	0.316	290	48	0.77	68	855	32	911	263	100.1	0.052	43.4
2014028852	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82783	94.7193	4.2049	0.22	0.219	275	62	0.61	69	569	70	612	169	100.2	<.01	43.8
2014028853	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82784	96.7719	0.9832	0.35	0.522	312	58	0.93	78	1436	51	1143	358	99.9	0.048	43.1
2014028854	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82785	94.8264	0.9623	0.49	0.871	313	79	1.73	95	2710	79	1126	555	99.4	0.092	42.4
2014028855	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82786	97.343	0.9623	0.15	0.365	268	62	0.76	63	992	44	2264	226	100.0	<.01	43.1
2014028856	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82787	96.6469	1.1715	0.14	0.402	293	63	1.13	71	1176	82	3180	201	100.0	<.01	42.9
2014028857	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82788	97.575	0.7531	0.12	0.231	254	62	0.43	55	635	50	3024	135	99.5	<.01	43.3

2014028858	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82789	98.0034	0.8159	0.11	0.276	227	58	0.52	49	761	41	3564	156	100.2	<.01	43.2
2014028859	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82790	98.2711	0.6904	0.11	0.115	269	61	0.21	41	303	38	1550	75	99.6	<.01	43.7
2014028860	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82791	98.7351	0.6694	0.09	0.15	263	57	0.28	46	369	40	1666	84	100.2	<.01	43.4
2014028861	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82792	98.2354	0.8786	0.13	0.256	267	67	0.51	56	693	42	3020	142	100.4	<.01	43.0
2014028862	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82793	98.5031	0.7113	0.06	0.14	266	45	0.29	51	356	36	2456	103	100.0	<.01	43.2
2014028863	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82794	99.1278	0.6276	0.06	0.077	255	40	0.12	43	154	39	982	53	100.2	<.01	43.6
2014028864	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82795	98.9312	0.6067	0.07	0.095	241	46	0.16	35	219	38	749	77	100.0	<.01	43.5
2014028865	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82796	98.8779	0.5858	0.08	0.083	257	47	0.15	33	178	31	755	70	99.9	<.01	43.6
2014028866	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82797	98.3246	0.6067	0.09	0.17	249	47	0.31	39	409	34	1502	109	99.7	<.01	43.7
2014028867	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82798	98.1997	0.6485	0.16	0.207	211	56	0.39	37	499	23	1079	229	99.8	<.01	42.8
2014028868	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82799	97.111	0.6904	0.21	0.524	234	56	1.02	62	1112	42	2470	326	100.0	<.01	43.0
2014028869	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82800	98.3068	0.7113	0.11	0.21	337	49	0.37	42	454	28	1265	122	99.9	<.01	43.6
2014028870	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82801	98.7708	0.5858	0.06	0.058	285	42	0.09	43	109	23	852	79	99.7	<.01	43.7
2014028871	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82802	97.932	1.2761	0.09	0.066	298	52	0.11	48	110	30	580	39	99.6	<.01	43.8
2014028872	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82803	89.8111	8.9956	0.14	0.235	300	42	0.41	46	514	41	2191	148	99.9	0.016	43.8
2014028873	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82804	92.5419	5.5856	0.19	0.308	290	46	0.86	55	713	64	4356	180	100.1	0.020	43.3
2014028874	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82805	86.42	10.92	0.21	0.394	261	55	1.28	60	946	58	2151	214	99.6	0.070	43.7
2014028875	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_82806	89.5077	7.9287	0.21	0.404	266	58	1.2	64	1013	42	1824	263	99.6	0.062	43.5
2014028876	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83284	95.4154	2.6778	0.14	0.343	717	47	0.77	94	745	61	3144	137	99.8	0.037	43.3
2014028877	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83285	95.0406	3.661	0.11	0.164	616	80	0.65	75	329	38	1194	87	99.9	0.033	43.6
2014028878	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83286	95.8616	3.1171	0.15	0.152	787	110	0.41	93	274	27	948	69	99.9	0.062	43.7
2014028879	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83287	*	*	*	*	*	*	*	*	*	*	*	*	0.0	0.044	43.5
2014028880	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83288	97.7535	1.4853	0.09	0.127	650	45	0.22	60	257	30	1565	79	99.9	0.016	43.6
2014028881	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83289	97.4858	1.7154	0.09	0.134	698	61	0.42	59	271	29	1627	84	100.1	0.016	43.5
2014028882	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83290	95.9865	2.7614	0.10	0.081	821	229	0.18	62	129	24	2658	49	99.5	0.027	43.8
2014028883	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83291	94.5054	2.7405	0.12	0.249	1113	55	1.85	173	515	30	1312	171	99.8	0.057	43.0
2014028884	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83292	91.5424	4.3514	0.12	0.39	1425	52	3.16	97	889	45	1909	197	100.0	0.087	42.4
2014028885	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83293	89.829	6.1086	0.15	0.426	1061	99	2.87	125	779	32	2272	222	99.8	0.079	42.6
2014028886	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83294	82.547	12.845	0.18	0.457	904	90	2.87	107	872	93	2050	261	99.3	0.088	43.2
2014028887	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83295	94.0411	4.979	0.07	0.142	754	26	0.7	70	246	36	939	67	100.1	0.030	43.7
2014028888	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83296	93.5057	5.5438	0.10	0.101	737	23	0.59	70	191	42	808	41	100.0	0.039	44.0
2014028889	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83297	92.9345	5.8367	0.09	0.182	711	27	0.43	97	173	41	1567	91	99.7	0.018	43.8
2014028890	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83298	95.469	3.8911	0.06	0.123	498	17	0.33	69	233	55	1282	69	100.1	0.024	43.7
2014028891	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83299	95.4333	3.8493	0.07	0.09	462	18	0.26	63	170	48	1245	47	99.9	0.018	43.5
2014028892	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_83300	96.4149	3.5564	0.08	0.081	450	20	0.56	64	154	41	848	32	100.9	0.013	43.5
2014028893	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_120001	85.0993	11.004	0.09	0.26	500	30	3.29	90	591	79	1189	190	100.0	0.046	42.9
2014028894	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_120002	86.8127	10.962	0.12	0.253	486	36	1.92	90	574	85	1219	147	100.3	0.045	43.5
2014028895	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_120003	92.8274	5.8367	0.08	0.175	509	22	1.12	88	378	96	1402	92	100.3	0.030	43.6
2014028896	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_120004	86.652	6.1505	0.24	0.699	724	60	5.71	202	1908	112	1454	487	100.0	0.159	40.6
2014028897	3/26/2014	202	Limestone	Dahrouge_Geological_-_Giscome_-_Sample_120005	72.9805	10.523	0.47	1.462	958	105	11.19	269	4624	231	1597	1073	97.5	0.409	37.5

APPENDIX 4: ASSAY RESULTS – LORING LABORATORIES (ALBERTA) LTD.

ISO9001:2008 Certified

Loring Laboratories(Alberta) Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel:403- 274-2777 Fax:403- 275-0541

FILE: 5 7 5 5 7

TO: Dahrouge Geological
Suite 18, 10509 81 Ave.
Edmonton AB
T6E 1X7

DATE: August 07, 2014

Sample: Limestone

Attn: Patrick Kluczny

WHOLEROCK ICP ANALYSIS

Sample I.D.	Al_2O_3 %	Ba ppm	CaO %	Cr ppm	Fe_2O_3 %	K_2O %	MgO %	MnO %	Na_2O %	Ni ppm	P_2O_5 %	SO_3 %	SiO_2 %	Sr ppm	TiO_2 %	V ppm	LOI@1000 %	SUM %
83026	0.52	98	54.93	18	0.19	0.15	0.49	<0.01	0.38	15	0.05	0.25	0.41	253	0.02	10	42.57	99.96
83027	0.27	68	54.87	3	0.03	0.07	1.06	<0.01	0.40	<1	0.06	0.02	0.10	236	<0.01	1	42.44	99.33
83028	0.37	90	55.74	7	0.05	0.09	0.41	<0.01	0.42	<1	0.03	0.02	0.14	271	<0.01	13	42.44	99.72
83029	0.27	54	54.73	8	0.04	0.08	1.33	<0.01	0.36	<1	0.12	0.06	0.14	238	<0.01	17	42.70	99.82
83030	0.69	132	41.44	16	0.19	0.16	10.64	<0.01	0.31	15	0.20	0.12	1.34	297	0.02	153	43.87	98.97
83031	0.43	43	55.20	10	0.04	0.11	0.42	<0.01	0.38	<1	0.09	0.01	0.16	219	<0.01	56	42.02	98.87
83032	0.53	90	53.77	20	0.14	0.07	1.33	0.01	0.29	19	0.11	0.01	0.66	207	0.01	49	41.71	98.66
83033	0.75	77	54.01	54	0.11	0.23	0.46	<0.01	0.41	<1	0.40	0.02	0.68	196	0.03	27	41.53	98.62
83034	0.40	60	51.75	14	0.18	0.10	3.34	0.01	0.33	1	0.11	0.10	0.40	254	0.01	40	43.23	99.94
83035	0.34	54	54.73	10	0.03	0.08	1.30	<0.01	0.42	<1	0.09	0.03	0.10	327	<0.01	8	42.34	99.47
83036	0.83	194	50.89	72	0.20	0.21	1.65	<0.01	0.38	16	0.78	0.33	2.76	878	0.02	327	41.04	99.11
83037	0.38	58	55.87	4	0.03	0.12	0.36	<0.01	0.40	<1	0.07	0.01	0.04	194	<0.01	18	42.09	99.36
83038	0.20	39	44.70	5	0.03	0.05	9.88	<0.01	0.27	<1	0.15	0.01	0.10	166	<0.01	3	43.39	98.79
83039	0.39	77	55.71	2	0.02	0.11	0.41	<0.01	0.52	<1	0.03	0.02	0.06	242	<0.01	8	41.99	99.26
83040	0.35	54	55.78	2	0.05	0.11	0.32	<0.01	0.49	<1	0.03	0.02	0.08	234	<0.01	13	41.77	99.00
83041	0.80	123	49.72	31	0.17	0.23	1.66	<0.01	0.44	3	0.10	0.25	5.80	775	0.02	94	40.44	99.64
83042	0.48	50	55.82	10	0.04	0.15	0.45	<0.01	0.69	<1	0.07	0.02	0.12	192	<0.01	22	41.90	99.74
83043	0.78	123	52.09	30	0.23	0.21	1.72	0.01	0.36	4	0.54	0.34	2.44	294	0.02	56	41.18	99.92
Check 83026	0.65	109	55.17	18	0.19	0.19	0.51	<0.01	0.45	14	0.05	0.25	0.34	258	0.02	9	42.17	99.98

Sample received on July 28, 2014
0.5 gm sample digested with multi acids and finished by ICP
CaO finished by titration.

Certified by: ____________________

Loring Laboratories (Alberta) Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541
loringlabs@telus.net

ISO9001:2008 Certified

TO: Dahrouge Geological
Suite 18, 10509 81 Ave.
Edmonton AB
T6E 1X7

File No : 5 7 5 5 7
Date : August 7, 2014
Samples: Rock

Attn: Patrick Kluczny

Certificate of Assay

Sample No.	CaO %
"Assay Analysis"	
83026	54.93
83027	54.87
83028	55.74
83029	54.73
83030	41.44
83031	55.20
83032	53.77
83033	54.01
83034	51.75
83035	54.73
83036	50.89
83037	55.87
83038	44.70
83039	55.71
83040	55.78
83041	49.72
83042	55.82
83043	52.09
Check 83026	55.17

Note: Sample received on July 28, 2014.
Calcium Oxide by Titration method.

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples:

Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

APPENDIX 5: 2014 GEOLOGICAL LOGS

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* | **Hole No:** *PAT14-01*

Claim: *PAT* | **UTM Co-ordinates (NAD83)** | **Date Started:** *Feb-20/14* | **Core Size:** *NQ*

Bearing: *360°* | **Easting (m):** *546416.5* | **Date Finished:** *Feb-22/14* | **Casing:** *49.98 m*

Inclination: *-56.0°* | **Northing (m):** *5989021.6* | **Date Logged:** *Feb-24/14* | **Total Depth:** *248.72 m*

Province: *BC* | **Elevation (m):** *699.2* | **Logged By:** *K. Krueger*

Dip Tests	
Depth	Angle

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
0.00	49.98	49.98	Casing - overburden												
49.98	131.08	81.10	VERY STRONGLY CARBONACEOUS ARGILLACEOUS SILICEOUS DOLOMITIC	82301	125.08	126.58	1.50	53.22	7.11	21.52	1.64	3.26	4098	10407	420
			MUDSTONE (Unit 6)	82302	126.58	128.08	1.50	43.96	4.79	25.45	2.11	2.77	2904	15853	312
			very dark-grey to black, black etched, vfg, sooty, homogeneous, very argillaceous	82303	128.08	129.58	1.50	47.40	5.96	27.12	1.51	2.88	3155	12798	324
			throughout, very thinly-bedded, not competent, common graphitic partings, hard, weak to	82304	129.58	131.08	1.50	48.05	5.69	25.23	1.36	3.64	2254	15136	289
			moderate reaction with HCl												
			Structure: bedding at approximately 80-90^0 to CA, weakly fractured with calcite infill, overall												
			<2% calcite in fine veinlets and occasional blebs, very weakly stylolitic, stylolites are												
			carbonaceous throughout and randomly oriented, calcite veinlets are mostly randomly												
			oriented, very minor fracturing												
			Alteration: dolomite is 5-10% present as very finely disseminated in mdst, also												
			carbonaceous stylolites are strongly dolomitic (primary?)												
			50.90-51.63, 61.90-64.80: moderately brecciated, moderate calcite veining												
			61.90-62.49, 67.20-67.80: very broken up, no rusty alteration present, broken from												
			drilling?												
			78.03-123.98: very minor calcite veining (<1% overall)												
			stylolites and blebs, may be pyrite in mottles?												
			bands, stylolites and blebs, may be pyrite in mottles?												
			114.40-114.65: strongly argillaceous, very broken up												
			118.17-118.27: black muddy zone (drill mud?), unconsolidated												
			126.77-126.79: large calcite smear along fracture												
			120.83-120.87: thick white calcite vein at 36^0 to CA												
			contact is sharp, grainy unit below and carb arg mdst above												
131.08	194.90	63.82	WEAKLY CARBONACEOUS LIME WACKESTONE TO PACKSTONE WITH MINOR	82305	131.08	132.89	1.81	95.83	1.19	0.84	0.11	0.17	76	473	33
			DOLOMITE MOTTLING (Unit 7)	82306	132.89	134.39	1.50	97.33	1.17	0.47	0.12	0.09	56	204	33
			light-grey to medium-grey, dark-grey to black etched, micritic mud, fg to mg bioclasts,	82307	134.39	135.89	1.50	97.61	1.65	0.25	0.12	0.12	59	299	36
			moderately to well-sorted, bioclasts include crinoid ossicles, crinoid stems, shell fragments,	82308	135.89	137.39	1.50	98.18	1.61	0.10	0.08	0.05	37	98	27
			fragments, brachiopods, appears that bleaching has destroyed many of original textures,	82309	137.39	138.89	1.50	98.47	1.30	0.10	0.08	0.06	37	105	29
			limey throughout, isolated brachiopods up to 2 cm diameter, overall fairly competent,	82310	138.89	140.39	1.50	97.90	1.40	0.21	0.13	0.10	39	209	34
			bioclasts have been replaced with calcite, minor carbonaceous flecks throughout, strong	82311	140.39	141.55	1.16	97.63	1.51	0.19	0.08	0.09	43	214	32
			reaction with HCl	82312	141.55	142.81	1.26	44.60	6.99	23.98	1.62	2.61	362	18014	333
				82313	142.81	144.31	1.50	97.54	1.42	0.27	0.09	0.10	36	224	29
			Structure: overall moderate calcite veining, locally strong calcite veining, overall 10-15%	82314	144.31	145.81	1.50	98.20	1.28	0.09	0.07	0.04	30	67	23
			calcite as veinlets and bioclast replacement, moderately fractured	82315	145.81	147.31	1.50	98.70	0.86	0.09	0.08	0.04	26	55	24
				82316	147.31	148.81	1.50	98.74	0.73	0.06	0.09	0.04	45	48	29
			154.95-156.00: moderately fractured and broken up	82317	148.81	150.31	1.50	98.84	0.88	0.07	0.05	0.04	55	46	24

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-01***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			Alteration: minor dolomite mottling throughout (overall <2%)	82318	0.00	151.81	151.81	98.99	0.79	0.06	0.05	0.03	63	50	22
			141.55-142.81: dominantly carbonaceous with minor calcite veining, very dark-grey to	82319	151.81	153.31	1.50	98.79	0.86	0.05	0.15	0.03	57	43	54
			black	82320	151.81	153.31	1.50	99.00	0.90	0.06	0.09	0.03	59	48	31
				82321	153.31	154.81	1.50	98.97	0.86	0.05	0.06	0.03	47	44	21
			Texture: original textures are not very recognizable, minor brecciated zones throughout	82322	154.81	156.31	1.50	98.43	0.86	0.07	0.11	0.04	62	60	35
			136.11-137.39: moderate dolomite mottling (5-10% locally), finely crystallized dolomite,	82323	156.31	157.81	1.50	97.90	0.92	0.13	0.08	0.06	47	77	27
			random mottles	82324	157.81	159.31	1.50	99.36	0.71	0.07	0.06	0.04	66	49	21
				82325	159.31	160.81	1.50	99.00	0.71	0.09	0.12	0.05	81	90	34
			137.55: thick 2-cm calcite veing at 68^0 to CA	82326	160.81	162.31	1.50	98.77	1.00	0.07	0.08	0.04	75	72	28
			140.45-140.48: thick white calcite vein at 85^0 to CA	82327	162.31	163.81	1.50	99.16	0.67	0.05	0.05	0.03	62	47	20
			141.12-141.23, 148.33-148.39: broken up, fractured interval	82328	163.81	165.31	1.50	98.68	0.82	0.10	0.09	0.06	82	129	32
			145.70-145.72: calcite vein at 42^0 to CA	82329	165.31	167.03	1.72	99.00	0.69	0.09	0.07	0.05	73	96	30
			169.52-169.54: calcite vein at 70^0 to CA	82330	167.03	168.53	1.5	99.20	0.65	0.07	0.10	0.03	71	45	38
			167.03-175.56: strongly bleached interval, very strong calcite veining, whiter than most	82331	168.53	170.03	1.50	98.93	0.92	0.07	0.13	0.03	77	39	49
			intervals, base of bleached interval is a sharp contact with unbleached below	82332	170.03	171.53	1.50	99.43	0.67	0.07	0.09	0.04	59	58	35
				82333	171.53	173.03	1.50	99.06	0.65	0.04	0.11	0.03	73	48	49
			contact is gradational, appearance of non-carbonaceous lm wkst to pkst interbeds	82334	173.03	174.53	1.50	99.47	0.54	0.10	0.11	0.03	65	48	43
				82335	174.53	175.56	1.03	99.02	0.69	0.08	0.10	0.04	60	58	37
				82336	175.56	177.06	1.50	96.97	2.32	0.27	0.11	0.09	78	231	48
				82337	177.06	178.56	1.50	96.93	2.45	0.44	0.10	0.10	67	257	48
				82338	178.56	180.06	1.50	98.31	1.13	0.21	0.11	0.11	45	255	46
				82339	180.06	181.56	1.50	97.31	1.97	0.27	0.10	0.14	76	341	32
				82340	180.06	181.56	1.50	97.54	1.99	0.24	0.08	0.13	80	315	29
				82341	181.56	183.06	1.50	96.47	2.01	0.38	0.10	0.13	70	303	43
				82342	183.06	184.56	1.50	97.99	1.28	0.13	0.09	0.08	61	164	36
				82343	184.56	186.06	1.50	98.13	1.42	0.12	0.12	0.08	82	*166*	39
				82344	186.06	187.56	1.50	97.82	1.72	0.13	0.11	0.08	55	171	42
				82345	187.56	189.06	1.50	97.04	2.38	0.18	0.10	0.11	65	223	41
				82346	189.06	190.56	1.50	96.79	2.38	0.26	0.09	0.14	53	320	36
				82347	190.56	192.06	1.50	97.33	1.78	0.21	0.16	0.12	67	281	50
				82348	192.06	193.56	1.50	95.95	2.89	0.79	0.12	0.19	76	449	49
				82349	193.56	194.90	1.34	97.59	1.38	0.52	0.11	0.14	62	349	43
194.90	224.56	29.66	NON-CARBONACEOUS LIME WACKESTONE TO PACKSTONE (50%) WITH	82350	194.90	196.90	2.00	97.20	2.09	0.41	0.13	0.15	56	345	61
			STRONGLY CARBONACEOUS WEAKLY BRECCIATED DOLOMITIC MUDSTONE	83278	196.90	198.50	1.60	87.4195	10.65	1.24	0.16	0.29	67	648	90
			(50%) INTERBEDS (Unit 5)	83279	198.50	200.00	1.50	84.17	14.06	0.95	0.16	0.27	60	562	119
			Wkst to Pkst: light-grey, medium-grey to tan etched, vfg mud, mg bioclasts, well-sorted,	83281	200.00	201.50	1.50	92.20	6.07	0.56	0.12	0.25	50	422	71
			bioclasts include abundant crinoid ossicles, crinoid stems, indeterminate shell fragments,	83282	201.50	203.00	1.50	95.42	2.80	0.73	0.13	0.23	46	467	59
			ooids?, peloids?, moderate to strong reaction with HCl	83283	203.00	204.50	1.50	97.02	1.74	0.61	0.14	0.19	54	379	47
				83284	204.50	206.00	1.50	95.42	2.68	0.77	0.14	0.34	61	745	47
			Carb Dolo Mdst: very dark-grey to black, black etched, sooty, somewhat argillaceous,	83285	206.00	207.50	1.50	95.04	3.66	0.65	0.11	0.16	38	329	80
			locally brecciated, vfg, no visible bioclasts, dolomite is <5% overall and is present as very	83286	207.50	209.00	1.50	95.86	3.12	0.41	0.15	0.15	27	274	110
			finely disseminated throughout, carbonaceous stylolites common	83287	209.00	210.50	1.50								
				83288	210.50	212.00	1.50	97.75	1.49	0.22	0.09	0.13	30	257	45
			Structure: moderate calcite veining overall with isolated strongly veined intervals,	83289	212.00	213.50	1.50	97.49	1.72	0.42	0.09	0.13	29	271	61
			moderately fractured	83290	213.50	215.00	1.50	95.99	2.76	0.18	0.10	0.08	24	129	229
				83291	215.00	216.50	1.50	94.51	2.74	1.85	0.12	0.25	30	515	55
				83292	216.50	218.00	1.50	91.54	4.35	3.16	0.12	0.39	45	889	52
				83293	218.00	219.50	1.50	89.83	6.11	2.87	0.15	0.43	32	779	99

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-01*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			Alteration: dolomite in dolo mdst interbeds, present as finely disseminated throughout	83294	219.50	221.00	1.50	82.55	12.84	2.87	0.18	0.46	93	872	90
				83295	221.00	222.50	1.50	94.04	4.98	0.70	0.07	0.14	36	246	26
			Texture: brecciated locally strong carbonaceous stylolites	83296	222.50	224.00	1.50	93.51	5.54	0.59	0.10	0.10	42	191	23
				83297	224.00	224.56	0.56	92.93	5.84	0.43	0.09	0.18	41	173	27
			214.01-218.54: grainy interval, dominantly pkst, strongly brecciated, abundant carbonaceous stylolites, minor pyrite blebs												
			contact is gradational, increase in dolo mdst												
224.56	248.72	24.16	STRONGLY CARBONACEOUS ARGILLACEOUS CALCAREOUS DOLOMITIC	83298	224.56	226.00	1.44	95.47	3.89	0.33	0.06	0.12	55	233	17
			MUDSTONE (Unit 3)	83299	226.00	227.50	1.50	95.43	3.85	0.26	0.07	0.09	48	170	18
			very dark-grey to black, black etched, sooty, vfg to fg, thinly-bedded, no visible fossils,	83300	227.50	229.00	1.50	96.41	3.56	0.56	0.08	0.08	41	154	20
			strongly carbonaceous, hard, siliceous, very argillaceous, moderate reaction with HCl	120001	229.00	230.50	1.50	85.10	11.00	3.29	0.09	0.26	79	591	30
				120002	229.00	230.50	1.50	86.81	10.96	1.92	0.12	0.25	85	574	36
			Structure: moderate to strong calcite veining, moderately fractured, moderate black	120003	230.50	232.00	1.50	92.83	5.84	1.12	0.08	0.18	96	378	22
			carbonaceous stylolites and stringers, graphitic partings common	120004	232.00	233.50	1.50	86.65	6.15	5.71	0.24	0.70	112	1908	60
				120005	233.50	235.00	1.50	72.98	10.52	11.19	0.47	1.46	231	4624	105
			Alteration: dolomite is present as finely disseminated throughout and concentrated along wavy stylolites and fractures (5-10% dolomite ovearll), less dolomite in last 2 metres (<2%)												
			242.62-243.45: moderately brecciated interval												
			242.85-243.75: very strong calcite veining (strongest in this interval)												
			248.72 m = EOH												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* | **Hole No:** *PAT14-02*

Dip Tests								
Depth	Angle		PAT	UTM Co-ordinates (NAD83)		Date Started:	Feb-22/14	Core Size: NQ
		Bearing:	360°	Easting (m):	546220.6	Date Finished:	Feb-26/14	Casing: 52.45 m
		Inclination:	-70.0°	Northing (m):	5989080.6	Date Logged:	Feb. 27-28/04	Total Depth: 276.45 m
		Province:	BC	Elevation (m):	692.7	Logged By:	K. Krueger	

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
0.00	52.45	52.45	Casing - overburden												
52.45	118.91	66.46	VERY STRONGLY CARBONACEOUS ARGILLACEOUS DOLOMITIC MUDSTONE	83178	115.91	117.41	1.50	58.43	5.63	17.89	1.08	3.18	1577	9573	344
			(Unit 6)	83179	117.41	118.91	1.50	41.00	5.42	20.32	1.55	4.96	347	19296	285
			very dark-grey to black, black etched, vfg to fg, sooty, homogeneous, minor local pyrite banding (vfg), very fine interbeds of lm wkst to pkst (indeterminated bioclasts), very thinly-bedded, common greasy graphitic partings, top 65 cm is rubbly and unconsolidated, moderate reaction with HCl where lm pkst to wkst present, homogenous carb intervals have weak reaction with HCl												
			Structure: overall very minor calcite veining												
			Alteration: dolomite is finely disseminated (primary?) and localy mottled (secondary?) and concentrated along veins												
			56.03-56.50, 75.60-75.80: strong calcite veining												
			77.55-77.63: large calcite vein												
			86.17-86.32, 102.72-102.82: strong dolomite mottling												
			84.43-84.48: pyrite blebs												
			103.73: distinct 2-cm diameter pyrite bleb (finely disseminated)												
			108.80-110.84: becciated dolo mdst (clasts are angular, light-grey calc mdst with black carb stringers)												
			111.86-112.20: highly fractured interval												
			116.99-117.06, 116.80-116.85, 1-0.75-109.79: dark-grey to black mud (unconsolidated)												
			contact is sharp, distinct colour change, drop in carbon content, increase in graininess												
118.91	168.25	49.34	WEAKLY CARBONACEOUS CRINOIDAL LIME WACKESTONE TO PACKSTONE	83180	118.91	120.50	1.59	97.91	1.11	0.43	0.10	0.15	53	354	61
			(Unit 7)	83181	120.50	122.00	1.50	98.09	1.19	0.36	0.10	0.13	68	242	30
			light-grey to medium-grey, fg to rare cg bioclasts, well-sorted, bioclasts include crinoid	83182	120.50	122.00	1.50	98.31	1.09	0.40	0.10	0.12	51	250	35
			stems, crinoid ossicles, ooids?, rare indeterminate shell fragments, black carb	83183	122.00	123.50	1.50	98.24	0.90	0.71	0.08	0.06	40	99	36
			flecks common throughout, locally strong bleaching, bleaching and veining may have	83184	123.50	125.00	1.50	97.36	1.07	1.34	0.09	0.08	56	89	41
			destroyed original textures, overall very competent interval, strong reaction with HCl flecks	83185	125.00	126.50	1.50	97.59	1.46	0.45	0.10	0.18	58	218	30
				83186	126.50	128.00	1.50	98.29	1.17	0.16	0.06	0.07	52	61	24
			Structure: minor carbonaceous stringers and stylolites throughout, carbonaceous	83187	128.00	129.50	1.50	97.41	1.03	1.03	0.07	0.07	44	74	34
			along fractures, common geasy black graphitic partings, overall moderate calcite veining,	83188	129.50	131.00	1.50	94.76	1.28	2.50	0.26	0.46	78	715	214
			locally strongly bleached, minor limonite along fractures, moderate soft sediment	83189	131.00	132.50	1.50	98.63	1.05	0.27	0.09	0.03	52	51	32
			deformation throughout, very large calcite crystals infilling veins	83190	132.50	134.00	1.50	98.47	0.92	0.13	0.09	0.04	45	58	36
				83191	134.00	135.50	1.50	98.47	0.98	0.09	0.08	0.04	44	70	30
			Alteration: minor limonite along fractures	83192	135.50	137.00	1.50	97.33	0.77	0.32	0.11	0.10	48	196	32
				83193	137.00	138.50	1.50	98.24	0.84	0.08	0.08	0.05	51	93	30
			124.05-127.30: strong calcite veining	83194	138.50	140.00	1.50	98.65	0.77	0.06	0.07	0.04	43	69	26
				83195	140.00	141.50	1.50	98.22	0.69	1.11	0.07	0.04	47	69	34

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-02***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			123.00-123.17: strongly broken up interval	83196	141.50	143.00	1.50	98.68	0.61	0.54	0.11	0.03	34	63	38
			126.95: shell fragments included in bioclasts after this depth	83197	143.00	144.50	1.50	98.95	0.67	0.11	0.09	0.05	45	105	33
			128.10-130.60: crinoidal pkst with abundant shell fragments, carbonaceous	83198	144.50	146.00	1.50	98.77	0.71	0.08	0.07	0.05	35	76	26
			stylolites	83199	146.00	147.50	1.50	98.63	0.71	0.11	0.09	0.05	29	57	29
			minor isolated 1-2 cm open vugs	83200	147.50	149.00	1.50	98.84	0.69	0.07	0.09	0.04	37	61	34
			140.12-142.19: strongly brecciated, strongly stylolitic (carbonaceous), moderate	83201	149.00	150.50	1.50	98.61	0.84	0.22	0.11	0.11	45	203	39
			to strong calcite veining, calcite clasts (angular), light-grey mdst clasts	83202	150.50	152.00	1.50	98.77	0.82	0.10	0.07	0.06	44	93	30
			130.60: less grainy after this depth, mostly wkst	83203	152.00	153.50	1.50	98.70	0.65	0.54	0.07	0.04	41	71	32
			142.19-148.40: large bleached interval, intense calcite veins and veinlets,	83204	153.50	155.00	1.50	98.79	0.65	0.05	0.06	0.04	31	53	23
			randomly oriented, rusty oxide alteration along fractures	83205	155.00	156.50	1.50	98.32	0.90	0.07	0.05	0.05	40	77	21
			143.40-143.69: calcite vein approximately 30 cm thick, minor carbonaceous	83206	156.50	158.00	1.50	98.75	0.67	0.05	0.06	0.04	36	53	24
			stylolites	83207	158.00	159.50	1.50	99.23	0.63	0.05	0.09	0.03	47	49	26
			150.24-152.21: stromatoporoid fragments up to 3 cm wide and colonial corals	83208	159.50	161.00	1.50	99.20	0.56	0.07	0.08	0.03	39	55	26
			155.60-156.30: crinoidal grainstone interval	83209	161.00	162.50	1.50	98.09	1.63	0.23	0.05	0.04	43	68	23
			154.28-161.64: extreme bleaching, strong calcite veining	83210	162.50	164.00	1.50	97.36	2.05	0.09	0.06	0.05	40	74	25
				83211	164.00	165.50	1.50	97.24	2.53	0.05	0.07	0.04	33	44	36
			gradational contact, with strongly dolo mdst present below	83212	165.50	167.00	1.50	99.11	0.86	0.11	0.07	0.07	27	132	33
				83213	167.00	168.25	1.25	99.27	0.59	0.11	0.08	0.07	26	129	41
168.25	214.70	46.45	DOLOMITIC LIME MUDSTONE TO WACKESTONE WITH CARBONACEOUS	83214	168.25	169.77	1.52	97.24	1.05	1.14	0.10	0.24	62	474	49
			DOLOMITIC MUDSTONE INTERBEDS (Unit 5)	83215	169.77	171.25	1.48	96.29	1.59	1.27	0.12	0.35	87	693	49
			Dolo Lm Mdst to Wkst: light-tan to light-grey, medium-grey etched, vfg to cg bioclasts,	83216	171.25	172.75	1.50	98.11	0.94	0.33	0.07	0.16	52	329	33
			bioclasts include crinoid ossicles, crinoid stems and shell fragments, moderate	83217	172.75	174.25	1.50	98.31	0.67	0.22	0.07	0.13	36	274	32
			carbonaceous stylolites throughout, moderate reaction with HCl	83218	174.25	175.50	1.25	97.99	0.92	0.22	0.07	0.13	43	276	37
				83219	175.50	177.00	1.50	97.13	1.88	0.47	0.07	0.15	52	282	35
			Carb Dolo Mdst: dark-grey to black ,black etched, sooty, argillaceous, dolomite finely	83220	177.00	178.50	1.50	96.88	1.82	0.61	0.07	0.15	40	287	37
			disseminated throughout (primary?), overall competent	83221	177.00	178.50	1.50	97.25	1.57	0.47	0.09	0.12	27	235	41
				83222	178.50	180.00	1.50	95.47	2.76	0.72	0.10	0.23	49	476	45
			Structure: minor calcite veinlets overall, minor carbonaceous stylolites, moderate	83223	180.00	181.50	1.50	96.49	1.99	0.58	0.13	0.15	32	297	60
			carbonaceous stylolites in dolo lm mdst intervals	83224	181.50	183.00	1.50	96.70	2.09	0.72	0.10	0.16	37	340	51
				83225	183.00	184.50	1.50	96.58	2.05	0.81	0.09	0.20	36	453	47
			168.25-169.70: moderate calcite veining	83226	184.50	186.00	1.50	97.20	1.38	0.66	0.11	0.21	39	435	45
			172.70-173.52: hematite along fractures, calcite-healed	83227	186.00	187.50	1.50	96.72	1.63	0.93	0.13	0.26	44	540	58
			173.45-173.52: calcite vein, hematite along fracture	83228	187.50	189.00	1.50	97.18	1.86	0.69	0.09	0.14	29	291	49
			minor local lm wkst to pkst intervals	83229	189.00	190.50	1.50	97.33	1.61	0.64	0.09	0.15	36	305	46
			176.31-176.39, 177.50-177.60: colonial coral fragments	83230	190.50	192.00	1.50	96.91	1.74	0.92	0.08	0.20	45	403	49
			181.18-181.58: very broken up interval	83231	192.00	193.50	1.50	95.92	1.90	1.11	0.09	0.29	51	623	49
			186.33-186.40: isolated stromatoporoid fragments, not well-preserved	83232	193.50	195.00	1.50	94.67	2.49	1.61	0.14	0.32	59	699	66
			195.60-209.33: strongly brecciated and sheared zone, strong calcite veining	83233	195.00	196.50	1.50	93.02	4.79	1.61	0.15	0.21	49	431	166
			202.23-205.38: dolo mdst with calcite-healed fractures > 50% dolomite, minor	83234	196.50	198.00	1.50	92.38	5.36	1.45	0.10	0.18	32	362	176
			carbonaceous stringers (primary dolo?)	83235	198.00	199.50	1.50	94.68	3.51	1.28	0.11	0.23	31	500	56
			205.38-207.02: strong increase in carbonaceous content, very dark-grey	83236	199.50	201.00	1.50	95.33	2.95	1.17	0.13	0.18	28	382	53
				83237	201.00	202.50	1.50	96.04	2.22	0.74	0.14	0.23	26	500	59
				83238	202.50	204.00	1.50	64.72	34.79	0.13	0.19	0.08	49	43	65
				83239	204.00	205.50	1.50	67.50	32.22	0.16	0.32	0.11	65	43	57
				83240	204.00	205.50	1.50	67.05	31.97	0.15	0.26	0.11	62	58	52
				83241	205.50	207.00	1.50	89.53	8.54	0.81	0.12	0.27	36	203	64
				83242	207.00	208.50	1.50	98.27	1.38	0.19	0.09	0.09	22	87	31
				83243	208.50	210.00	1.50	96.34	1.76	0.74	0.12	0.30	33	500	37
				83244	210.00	211.50	1.50	97.77	1.19	0.47	0.11	0.22	28	368	33
				83245	211.50	213.00	1.50	96.72	2.03	0.74	0.10	0.16	28	345	23

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-02***

From	To	Tkns	Description	Sample	From	To	Length	$CaCO_3$	$MgCO_3$	SiO_2	Fe_2O_3	Al_2O_3	Na_2O	K_2O	MnO
m	m	m		#	m	m	m	%	%	%	%	%	ppm	ppm	ppm
				83246	213.00	214.70	1.70	97.27	1.78	0.21	0.10	0.11	24	188	23
214.70	221.46	6.76	LIME PACKSTONE TO GRAINSTONE WITH MINOR LIME BOUNDSTONE (Unit 2)	83247	214.70	216.00	1.30	97.91	1.76	0.29	0.11	0.09	38	204	34
			light-grey to medium-grey, medium-grey to dark-grey etched, fg to vcg, bioclasts	83248	216.00	217.50	1.50	97.56	1.74	0.31	0.07	0.06	42	112	25
			include crinoid ossicles and stems, indeterminate shell fragments, very minor colonial	83249	217.50	219.00	1.50	95.59	2.36	0.40	0.11	0.10	71	218	34
			corals, carbonaceous stringers and fragments throughout, competent, strong	83250	219.00	220.50	1.50	97.41	1.59	0.21	0.07	0.07	42	126	28
			reaction with HCl	83251	220.50	221.46	0.96	94.47	1.76	1.41	0.14	0.72	53	1819	28
			Structure: minor calcite veining, randomly oriented												
			Alteration: minor finely disseminated dolomite crystals throughout, locally >10%,												
			minor greasy graphitic partings												
			215.40-219.10: colonial coral boundstone, very grainy, minor dolomite, strong												
			reaction with HCl												
221.46	240.75	19.29	CALCAREOUS DOLOMITIC WACKESTONE TO PACKSTONE (Unit 4)	83252	221.46	223.00	1.54	95.97	2.18	0.98	0.14	0.26	55	654	39
			medium-grey to dark-grey, dark-grey to black etched, fg to vcg, bioclasts	83253	223.00	224.50	1.50	96.20	1.90	0.72	0.10	0.21	43	503	28
			include abundant indeterminate shell fragments, crinoid ossicles, crinoid stems,	83254	224.50	226.00	1.50	95.41	2.15	1.09	0.12	0.23	48	491	37
			competent, moderate reaction with HCl	83255	226.00	227.50	1.50	96.11	1.92	0.85	0.12	0.13	46	282	31
				83256	227.50	229.00	1.50	93.59	4.20	1.13	0.07	0.18	55	395	28
			Structure: overall weak calcite veining, locally moderate calcite veining, moderate	83257	229.00	230.50	1.50	95.58	2.89	1.08	0.09	0.19	43	445	27
			carbonaceous stylolites	83258	230.50	232.00	1.50	97.18	1.46	0.78	0.09	0.13	45	301	27
				83259	232.00	233.50	1.50	97.25	1.59	0.85	0.07	0.17	47	387	24
			Alteration: dolomite present as finely disseminated throughout and as rare dolo mdst	83260	232.00	233.50	1.50	96.54	1.76	1.05	0.08	0.25	48	590	24
			clasts	83261	233.50	235.00	1.50	95.27	3.39	0.39	0.09	0.11	43	209	31
				83262	235.00	236.50	1.50	94.72	3.33	0.92	0.11	0.15	54	317	34
			223.93-223.96: thick white calcite vein	83263	236.50	238.00	1.50	95.34	1.95	1.59	0.11	0.27	85	693	32
			228.92-229.26: oozy chert, light-grey, hard, non-reaction with HCl	83264	238.00	239.50	1.50	96.13	1.82	1.06	0.09	0.16	54	328	36
				83265	239.50	240.75	1.25	92.10	4.50	1.04	0.16	0.44	95	867	48
240.75	244.80	4.05	CARBONACEOUS LIME WACKESTONE TO PACKSTONE WITH CARBONACEOUS	83266	240.75	242.00	1.25	97.66	0.92	0.10	0.07	0.06	63	82	28
			DOLOMITIC MUDSTONE INTERBEDS (Unit 4-3 transition)	83267	242.00	243.50	1.50	98.04	0.98	0.11	0.07	0.06	50	88	25
			Carb Lm Wkst to Pkst: light-grey to medium-grey, medium-grey to dark-grey etched,	83268	243.50	244.80	1.30	97.40	1.42	0.11	0.07	0.05	23	65	26
			fg to cg bioclasts, bioclasts include abundant shell fragments, minor fragmented												
			colonial corals, well-sorted, fossiliferous, strong reaction with HCl												
			Dolo Mdst: light-tan to dark-tan, medium-grey to medium-tan etched, vfg to fg												
			bioclasts, bioclasts include rare crinoid ossicles, carbonaceous dolomitic lenses												
			throughout, dolomite is finely disseminated throughout, moderate reaction with HCl,												
			overall is competent, localy bleached												
			Structure: minor calcite veinlets, minor carbonaceous stylolites												
			contact is sharp, stylolitic and grainier at contact												
244.80	249.94	5.14	CARBONACEOUS DOLOMITIC MUDSTONE (Unit 4)	83269	244.80	246.00	1.20	97.77	1.90	0.18	0.06	0.09	31	149	25
			medium-grey, dark-grey etched, hard, vfg, no visible fosils, competent, moderate	83270	246.00	247.50	1.50	98.63	1.00	0.08	0.06	0.04	24	47	21
			reaction with HCl	83271	247.50	249.00	1.50	99.06	0.77	0.07	0.05	0.04	28	51	21
			Structure: minor calcite veins and veinlets, moderately fractured, carbonaceous material	83272	249.00	249.94	0.94	87.92	10.88	0.93	0.10	0.16	49	287	31

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014*

Hole No: *PAT14-02*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			along fractures												
			Alteration: dolomite present as mottles and finely-disseminated throughout												
			contact is sharp, no visible fossils to fossiliferous interbeds												
249.94	252.63	2.69	CARBONACEOUS DOLOMITIC LIME WACKESTONE TO PACKSTONE WITH	83273	249.94	251.50	1.56	95.99	3.41	0.17	0.08	0.07	43	109	32
			CARBONACEOUS MUDSTONE INTERBEDS (Unit 3)	83274	251.50	253.00	1.50	98.15	1.46	0.08	0.06	0.04	24	47	29
			Carb Dolo Lm Wkst to Pkst: light-grey to medium-grey, dark-grey etched, mg to cg bioclasts, bioclasts include crinoid ossicles and crinoid stems, indeterminate shell fragments, strong reaction with HCl												
			Carb Mdst: dark-grey, black etched, vfg, very carbonaceous, sooty, very finely-bedded												
			Structure: minor carbonaceous stylolites throughout, minor carbonaceous lenses throughout, strong calcite veins and veinlets, large calcite blebs, veining may have destroyed majority of bioclasts and original textures												
			Alteration: dolomite is present as finely disseminated in wkst to pkst												
			Texture: brecciated and sheared moderately overall												
			contact is gradational												
252.63	276.45	23.82	LIME MUDSTONE TO WACKESTONE WITH CARBONACEOUS DOLOMITIC	83275	253.00	254.50	1.50	96.74	1.82	0.79	0.10	0.16	19	364	36
			MUDSTONE INTERBEDS (Unit 3)	83276	254.50	256.00	1.50	91.36	3.41	3.59	0.17	0.42	54	1079	46
			Lm Mdst to Wkst: light-grey to medium-grey, dark-grey etched, vfg to cg bioclasts, bioclasts include abundant indeterminate shell fragments, competent, strong reaction with HCl	83277	256.00	257.00	1.00	89.06	4.46	4.36	0.16	0.51	89	1551	43
			Carb Dolo Mdst: dark-grey to black, black etched, vfg, argillaceous, sooty, weak reaction with HCl												
			Structure: minor greasy graphitic partings , strong calcite veining throughout												
			Alteration: >15% dolomite present I carb dolo mdst interbeds, finely disseminated (primary?)												
			252.63-253.98: moderately bleached, strong veining, minor carbonaceous stylolites, strongly fractured												
			252.63-254.04, 266.15-275.45: lm mdst to wkst interbeds												
			254.04-266.15, 275.45-276.45: dolo mdst interbeds												
			264.55-264.60, 265.15-265.25: very broken up interval, graphitic, weak plane, dark black carbonaceous												
			266.81-269.75: very strong calcite veining, strongly brecciated												
			269.25-269.30: large dolomite band/horizon												
			269.75-275.45: 80% dolomite in mottles (secondary?), with carbonaceous lenses throughout, interval is a wkst with obvious cg crinoids, minor calcite veining, fairly grainy, very competent, hard, strongly dolomitized												
			275.45-276.45: strong calcite veining												
			276.45 m = EOH												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*
Project: *Giscome 2014* **Hole No:** *PAT14-03*

Dip Tests		Claim:	*PAT*	UTM Co-ordinates (NAD83)		Date Started:	*Feb-26/14*	Core Size:	*HQ*
Depth	Angle	Bearing:	*18°*	Easting (m):	*546908.3*	Date Finished:	*Feb-28/14*	Casing:	*9.15 m*
		Inclination:	*-79.0°*	Northing (m):	*5989570.2*	Date Logged:	*Mar. 1-3/14*	Total Depth:	*221.59 m*
		Province:	*BC*	Elevation (m):	*719.0*	Logged By:	*K. Krueger, B. Ulry*		

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
0.00	9.15	9.15	Casing - overburden												
9.15	29.00	19.85	LIME MUDSTONE INTERBEDDED WITH LIME WACKESTONE TO PACKSTONE (Unit 4)	82351	14.00	15.50	1.50	99.20	0.56	0.06	0.07	0.03	63	53	28
			Lm Mdst: light-grey to medium-grey, cryptocrystalline to vfg, homogeneous, no visible	82352	15.50	17.00	1.50	99.15	0.59	0.16	0.07	0.03	71	31	34
			bioclasts, massive, minor carbonaceous stringers and flecks, no visible bedding, minor	82353	17.00	18.50	1.50	99.00	0.56	0.07	0.09	0.03	76	42	32
			calcite blebs, very broken up interval, strong reaction with HCl	82354	18.50	20.00	1.50	98.93	0.67	0.05	0.09	0.03	78	37	28
				82355	20.00	21.50	1.50	99.07	0.63	0.05	0.07	0.03	84	38	28
			Lm Wkst to Pkst: light-grey to medium-grey, medium-grey etched, vfg to minor cg bioclasts,	82356	21.50	23.00	1.50	98.63	0.82	0.18	0.10	0.09	80	143	39
			bioclasts include crinoid ossicles, indeterminate shell fragments, local cryptocrystalline	82357	23.00	24.50	1.50	97.54	2.20	0.18	0.09	0.09	80	158	29
			mdst intervals, poorly sorted, local banding	82358	24.50	26.00	1.50	96.45	3.47	0.06	0.06	0.05	66	80	28
				82359	26.00	27.50	1.50	98.77	1.13	0.05	0.08	0.03	73	58	30
			Structure: strong calcite veining in lm mdst, minor calcite veining in lm wkst to pkst,	82360	26.00	27.50	1.50	98.79	1.11	0.05	0.06	0.03	65	44	26
			randomly oriented	82361	27.50	29.00	1.50	98.90	0.84	0.05	0.05	0.03	35	34	24
			12.50-12.88, 13.21-14.09: fault zone?, very broken, fractured, rusty orange clay,												
			slickenlines present												
			16.94-17.34: missing core												
			22.00-22.89: missing core, very fractured, broken, rusty orange clay, fault zone?												
			24.37-24.44: missing core												
			24.37-24.55: rusty orange along fractures, broken up												
			25.72-25.75: rusty orange clay along fractures, broken up strongly												
			contact is sharp, with orange clay in-filling a fracture at 29.00, also 1 cm thick calcite vein												
			present at contact												
29.00	65.09	36.09	CARBONACEOUS LIME MUDSTONE TO PACKSTONE WITH DOLOMITIC MUDSTONE	82362	29.00	30.50	1.50	98.45	0.98	0.29	0.06	0.03	65	33	23
			MOTTLES (Unit 4)	82363	30.50	32.00	1.50	98.95	0.96	0.08	0.07	0.04	93	47	28
			medium-grey, medium-grey to dark-grey etched, fg to mg bioclasts, bioclasts include shell	82364	32.00	33.50	1.50	98.23	1.49	0.05	0.05	0.03	43	23	19
			fragments, crinoid ossicles and stems, moderately sorted, overall competent, minor vcg	82365	33.50	35.00	1.50	97.25	2.34	0.05	0.06	0.03	60	28	25
			bioclasts, up to 2 cm diameter shells (well preserved) moderate reaction with HCl	82366	35.00	36.50	1.50	93.83	5.71	0.05	0.09	0.03	63	36	32
				82367	36.50	38.00	1.50	92.38	7.55	0.42	0.09	0.04	72	35	44
			Structure: moderately fractured throughout, moderate carbonaceous stylolites and	82368	38.00	39.50	1.50	94.22	5.84	0.06	0.07	0.04	46	53	27
			stringers, minor calcite veins (<5%)	82369	39.50	41.00	1.50	97.81	2.38	0.05	0.07	0.04	69	66	32
				82370	41.00	42.50	1.50	98.07	1.55	0.09	0.06	0.05	63	86	30
			Alteration: dolomite is present as finely disseminated (primary) throughout and brown	82371	42.50	44.00	1.50	96.34	3.10	0.23	0.08	0.05	56	99	41
			mottles (secondary), appears like dolomite has infilled between lm mdst clasts	82372	44.00	45.50	1.50	90.36	9.33	0.17	0.08	0.05	71	75	37
				82373	45.50	47.00	1.50	93.70	5.84	0.37	0.11	0.06	87	128	47
			32.51-40.00, 45.20-45.66: very strong pervasive dolomite mottling (>50%)	82374	47.00	48.50	1.50	91.86	7.93	0.22	0.10	0.07	70	140	46
			34.00-36.00: overall dolomite content is >20%, locally up to 80%	82375	48.50	50.00	1.50	98.09	1.84	0.15	0.06	0.05	64	104	34
			40.00-40.50: strongly broken up interval	82376	50.00	51.50	1.50	96.99	2.57	0.07	0.16	0.05	68	72	53
			40.00-41.56: lm mdst (light-grey to medium-grey, cryptocrystaline, minor	82377	51.50	53.00	1.50	90.38	9.35	0.28	0.10	0.15	71	388	41
			carbonaceous flecks, strong reaction with HCl, no dolomite, homogeneous, minor	82378	53.00	54.50	1.50	84.10	14.58	0.91	0.12	0.25	89	683	39
			calcite veins)	82379	54.50	56.49	1.99	88.54	11.13	0.12	0.12	0.07	62	144	37
			47.20-56.86: dolomite mottling 20-40%	82380	54.50	56.49	1.99	91.08	8.74	0.13	0.10	0.07	70	145	35
			54.52-55.90: minor ooids	82381	56.49	58.29	1.80	98.27	0.86	0.38	0.09	0.08	128	195	31

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-03*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			61.95-66.13: dolomite mottling approx. 20%	82382	58.29	59.79	1.50	98.98	0.61	0.18	0.14	0.05	52	80	46
			64.31-65.06: broken zone, weathered, brecciated with fault gouge	82383	59.79	60.98	1.19	97.20	2.59	0.08	0.11	0.06	40	101	40
			65.06-65.09: thick calcite vein	83027	60.98	61.29	0.31	97.93	2.21	0.10	0.03	0.27	400	75	<0.01
				82384	61.29	62.79	1.50	98.48	1.40	0.08	0.09	0.05	39	87	35
				82385	62.79	64.29	1.50	98.98	0.61	0.06	0.10	0.05	36	79	40
			contact is sharp, fault at 25^0 to CA, fossils below and mudstone above contact	82386	64.29	65.09	0.80	97.82	0.75	0.61	0.20	0.31	81	484	86
65.09	115.19	50.10	LIME WACKESTONE INTERBEDDED WITH LIME PACKSTONE (Unit 4)	82387	65.09	66.59	1.50	95.97	3.51	0.15	0.08	0.08	63	174	44
			Lm Wkst: light-grey to medium-grey, dark-grey etched, cryptocrystalline to mg bioclasts,	82388	66.59	68.09	1.50	99.04	0.69	0.07	0.05	0.05	98	90	36
			well sorted, medium-grey bioclasts, light-grey mud matrix, bioclasts include	82389	68.09	69.59	1.50	98.66	0.67	0.14	0.08	0.08	42	182	38
			crinoid ossiles and stems, colonial coral and stromatoporoid fragments, competent,	82390	69.59	71.09	1.50	98.57	0.67	0.19	0.09	0.10	42	223	38
			strong reaction with HCl	82391	71.09	72.59	1.50	98.61	0.69	0.19	0.10	0.12	48	290	34
				82392	72.59	74.09	1.50	98.68	0.63	0.11	0.07	0.07	42	164	27
			Lm Pkst: light-grey to medim-grey, dark-grey etched, cryptocrystalline to mg bioclasts,	82393	74.09	75.59	1.50	98.93	0.77	0.08	0.06	0.06	45	91	25
			moderately sorted, bioclasts include crinoid ossicles, shell fragments, colonial	82394	75.59	77.09	1.50	98.63	0.73	0.10	0.07	0.06	61	117	28
			coral and stromatoporoid fragments, minor isolated vugs, competent, strong reaction	82395	77.09	78.59	1.50	98.50	0.73	0.18	0.08	0.06	154	108	38
			with HCl	82396	78.59	80.09	1.50	98.40	0.79	0.18	0.07	0.05	73	82	28
				82397	80.09	81.59	1.50	97.84	1.11	0.6	0.18	0.22	57	615	34
			Structure: minor calcite veinlets throughout, moderate carbonaceous stylolites throughout,	82398	81.59	83.09	1.50	97.32	1.59	0.54	0.14	0.15	53	389	33
			overall competent, carbon content increases with depth	82399	83.09	84.59	1.50	98.15	1.05	0.31	0.10	0.11	58	280	27
				82400	84.59	86.09	1.50	98.32	1.11	0.10	0.08	0.07	40	146	26
			Alteration: minor isolated dolomite mottles throughout (overall <2%)	82401	86.09	87.59	1.50	98.11	1.17	0.23	0.09	0.12	43	336	27
				82402	87.59	89.09	1.50	98.40	0.84	0.29	0.11	0.14	42	398	27
			66.00-66.10: dolomite mottles (20%)	82403	89.09	90.59	1.50	98.66	0.92	0.12	0.10	0.07	43	177	30
			75.34-78.92: Lm Bdst, medium-grey to dark-grey, vfg mud matrix, bioclasts include	82404	90.59	92.09	1.50	98.70	0.73	0.12	0.09	0.07	45	146	29
			stromatoporoids, colonial corals	82405	92.09	93.59	1.50	98.45	0.63	0.10	0.09	0.06	42	130	32
			89.98: sharp contact between overlying lm pkst and underlying lm mdst	82406	93.59	95.09	1.50	98.57	0.56	0.07	0.07	0.05	44	80	37
			89.98-90.97: lm mdst (light-grey, cryptocrystalline, competent, no visible bioclasts)	82407	95.09	96.62	1.53	99.02	0.54	0.14	0.05	0.05	50	102	38
			97.10-99.36: rusty oxide alteration along stylolites, hematite staining	82408	96.62	98.12	1.50	98.50	0.71	0.33	0.15	0.17	45	504	39
			98.75-98.95: moderate calcite veining up to 2 cm thick	82409	98.12	99.62	1.50	98.31	0.88	0.39	0.12	0.20	45	571	28
			108.10-108.15: large open vug with large calcite crystals	82410	99.62	101.12	1.50	98.02	1.38	0.29	0.12	0.14	56	410	31
				82411	101.12	102.62	1.50	98.07	0.94	0.38	0.13	0.16	73	455	34
			contact is sharp, with lower unit stromatoporoid-rich	82412	102.62	104.12	1.50	96.79	1.36	0.94	0.21	0.32	56	885	47
				82413	104.12	105.62	1.50	96.54	1.30	1.15	0.23	0.39	58	1161	45
				82414	105.62	107.12	1.50	95.42	2.49	1.09	0.14	0.37	69	1151	43
				82415	107.12	108.62	1.50	95.68	1.19	1.81	0.34	0.64	540	1935	48
				82416	108.62	110.12	1.50	96.38	1.38	1.22	0.19	0.34	58	949	47
				82417	110.12	111.86	1.74	97.22	1.69	0.50	0.16	0.21	56	582	47
				83026	111.86	112.17	0.31	98.04	1.03	0.41	0.19	0.52	385	147	<0.01
				82418	112.17	113.67	1.50	97.38	0.96	0.75	0.19	0.31	57	860	43
				82419	113.67	115.19	1.52	97.81	0.92	0.50	0.15	0.26	51	723	34
				82420	113.67	115.19	1.52	98.18	0.90	0.45	0.12	0.21	67	593	34
115.19	183.43	68.24	STROMATOPOROID RICH LIME BOUNDSTONE WITH CARBONACEOUS LIME	82421	115.19	116.67	1.48	98.11	0.90	0.40	0.09	0.21	49	600	43
			PACKSTONE INTERBEDS (Unit 2)	82422	116.67	118.17	1.50	98.98	0.79	0.07	0.06	0.05	39	83	43
			light-grey, light-grey to brown etched, bioclasts include abundant stromatoporoids,	82423	118.17	119.68	1.51	98.66	0.79	0.13	0.06	0.08	51	184	45
			common brachiopods, indeterminate shell fragments, minor crinoid ossicles and	82424	119.68	121.18	1.50	94.40	4.00	0.49	0.13	0.26	75	779	48
			stems, strong reaction with HCl	82425	121.18	122.68	1.50	98.31	1.13	0.11	0.09	0.06	141	123	42
				82426	122.68	124.18	1.50	97.84	1.40	0.16	0.08	0.10	55	237	40
			Structure: minor carbonaceous stylolites, minor calcite veinlets throughout, overall	82427	124.18	125.68	1.50	98.86	0.79	0.13	0.09	0.07	45	140	40
			<2% calcite as veinless and bioclast replacement, calcite present as porosity infill	82428	125.68	127.18	1.50	98.66	0.94	0.05	0.07	0.04	42	58	40
				82429	127.18	128.86	1.68	99.20	0.77	0.06	0.07	0.04	43	49	42
			120.00-120.42, 142.60-147.00: yellow-tan dolomite banding (20-40% local	82430	128.86	130.18	1.32	98.82	0.90	0.23	0.04	0.05	69	67	39

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-03*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			dolomite)	82431	130.18	131.68	1.50	98.38	1.21	0.07	0.05	0.05	70	93	42
			129.54-129.62, 166.02-166.24, 165.86-165.93, 159.70-159.76, 155.16-155.27,	82432	131.68	133.18	1.50	98.77	1.00	0.14	0.06	0.06	67	119	41
			134.90-137.13: brecciated lm bdst with carb dolo mdst clasts, lm bdst is	82433	133.18	134.68	1.50	99.04	0.82	0.12	0.05	0.05	52	70	41
			fragmented, carb dolo mdst clasts are dark-grey to black, vfg, angular, minor	82434	134.68	136.18	1.50	98.00	1.03	0.10	0.05	0.06	49	139	40
			crinoids throughout, this interval has moderate carbonaceous stylolites,	82435	136.18	137.68	1.50	98.34	1.17	0.15	0.05	0.05	51	88	41
			moderate calcite veinlets, dolomite locally up to 60%, dolomite finely	82436	137.68	139.18	1.50	98.79	0.92	0.14	0.05	0.04	53	39	43
			disseminated throughout clasts	82437	139.18	140.68	1.50	98.75	1.03	0.03	0.05	0.03	57	31	39
			135.70-136.25: moderate carbonaceous content (stylolites)	82438	140.68	142.18	1.50	98.91	0.77	0.05	0.06	0.04	48	38	39
			142.50-145.21: dolomite banding and along fractures (pink), Fe-rich, minor	82439	142.18	143.68	1.50	99.07	0.56	0.09	0.05	0.05	44	63	42
			large open vugs	82440	142.18	143.68	1.50	99.20	0.59	0.05	0.05	0.04	68	54	42
			148.17-148.20: 3 cm diameter calcite-replaced brachiopod shell	82441	143.68	145.18	1.50	98.88	1.05	0.08	0.05	0.05	53	77	46
			149.52-149.66: large calcite vein	82442	145.18	146.68	1.50	98.93	0.82	0.06	0.03	0.04	51	58	39
			165.05-165.15: bioclasts include indeterminate shell fragments and crinoid	82443	146.68	148.18	1.50	94.29	5.08	0.21	0.07	0.08	60	188	50
			ossicles and stems	82444	148.18	149.73	1.55	98.98	0.92	0.08	0.05	0.04	49	67	35
			170.76-170.79, 171.52-172.33: lm pkst interbeds (medium-grey, fg to cg	82445	149.73	151.23	1.50	99.02	0.92	0.06	0.04	0.05	44	76	40
			bioclasts, calcite-replaced bioclasts, moderately carbonaceous	82446	151.23	152.73	1.50	98.41	1.13	0.10	0.05	0.06	54	88	41
			185.17-185.43: strongly veined (calcite-filled) and moderately breccied lm pkst	82447	152.73	154.23	1.50	99.09	0.77	0.05	0.04	0.04	*57*	*52*	41
				82448	154.23	155.73	1.50	98.81	0.84	0.14	0.06	0.08	52	161	45
			contact is sharp, stylolitic, stylolite has hematite	82449	155.73	157.23	1.50	99.29	0.69	0.10	0.05	0.05	45	56	42
				82450	157.23	158.73	1.50	99.25	0.67	0.07	0.05	0.05	54	88	43
				82451	158.73	160.63	1.90	99.36	0.75	0.07	0.03	0.05	48	78	40
				83028	160.63	160.95	0.32	99.48	0.86	0.14	0.05	0.37	424	95	<0.01
				82452	160.95	162.45	1.50	99.18	0.77	0.04	0.05	0.03	48	38	41
				82453	162.45	164.00	1.55	99.25	0.73	0.04	0.05	0.04	64	37	41
				82454	164.00	165.50	1.50	98.82	0.79	0.13	0.04	0.04	68	52	40
				82455	165.50	167.00	1.50	99.09	0.69	0.07	0.04	0.05	123	86	37
				82456	167.00	168.50	1.50	99.00	0.84	0.11	0.06	0.07	55	135	42
				82457	168.50	170.00	1.50	99.16	0.88	0.06	0.06	0.05	61	71	41
				82458	170.00	171.50	1.50	98.99	0.77	0.12	0.09	0.08	51	153	47
				82459	171.50	173.00	1.50	98.95	0.79	0.10	0.08	0.06	65	138	45
				82460	171.50	173.00	1.50	99.02	0.77	0.10	0.09	0.05	50	92	52
				82461	173.0	174.50	1.50	99.25	0.69	0.07	0.06	0.05	69	91	42
				82462	174.5	176.00	1.50	99.09	0.63	0.07	0.07	0.04	52	60	48
				82463	176.0	177.50	1.50	99.18	0.77	0.10	0.09	0.05	55	78	51
				82464	177.5	179.00	1.50	99.25	0.73	0.05	0.06	0.04	45	68	36
				82465	179.0	180.50	1.50	97.61	1.92	0.07	0.07	0.05	43	93	38
				82466	180.5	182.00	1.50	99.18	0.61	0.04	0.08	0.03	41	48	46
				82467	182.0	183.43	1.43	99.06	0.71	0.05	0.06	0.04	45	52	43
183.43	184.48	1.05	STRONGLY DOLOMITIZED LIMESTONE BRECCIA WITH ABUNDANT CARBONACEOUS STYLOLITES (Unit 2)	82468	183.43	184.48	1.05	93.54	5.15	0.78	0.20	0.33	53	516	55
			Matrix; light-tan to medium-grey, fg, minor crinoids and shell fragments (mg),well sorted, moderately stylolitic, strong HCl reaction												
			Clasts: tan to light-grey, fg, angular clasts, dolomite-rich (locally up to 60%), moderate reaction with HCl												
			Structure: overall strongly fractured and strong calcite veining												
			Alteration: dolomite is present as large clasts (up to 5 cm diameter)												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-03***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
184.48	200.00	15.52	STRONGLY DOLOMITIC STROMATOPOROIDAL LIME BOUNDSTONE WITH	82469	184.48	186.48	2.00	97.66	1.92	0.21	0.12	0.10	54	246	47
			CARBONACEOUS DOLOMITIC MUDSTONE AND LIME PACKSTONE TO	82470	186.48	187.98	1.50	96.54	2.41	0.52	0.16	0.22	65	593	56
			GRAINSTONE INTERBEDS (Unit 2-1 transition)	82471	187.98	189.48	1.50	98.59	0.94	0.27	0.09	0.07	50	153	46
			Bdst: light-grey, vcg, bioclasts include colonial corals, stromatoporoids, algal mats,	82472	189.48	190.98	1.50	88.12	8.66	1.62	0.36	0.73	103	2190	62
			crinoid ossicles and stems, indeterminate shell fragments, very fossiliferous, calcite	82473	190.98	192.48	1.50	93.10	6.42	0.32	0.14	0.14	90	373	62
			porosity in-fill, weak carbonaceous stylolites, medium-grey etched, strong	82474	192.48	193.98	1.50	94.74	4.92	0.23	0.09	0.10	56	258	47
			reaction with HCl	82475	193.98	195.48	1.50	92.93	6.32	0.28	0.13	0.13	57	333	59
				82476	195.48	197.00	1.52	94.24	4.94	0.16	0.10	0.08	61	199	47
			Dolo Mdst: dark-grey to black, black etched, vfg, etches sandy, sooty, argillaceous,	82477	197.00	198.50	1.50	98.98	1.05	0.07	0.07	0.04	54	56	45
			>20% dolomite as finely disseminated in mdst, weak delayed reaction with HCl	82478	198.50	200.00	1.50	98.24	1.15	0.12	0.11	0.06	56	108	52
			Pkst to Grst: light-grey to medium-grey, dark-grey etched, poorly sorted, mg to vcg bioclasts, bioclasts include crinoids, abundant shell fragments, gastropods, stromatoporoid fragments, algal mats, strong reaction with HCl												
			186.70-186.72,186.93-186.95, 187.55-187.57, 189.91-189.93, 191.44-191.45, 187.62-188.10, 190.01-190.57, 192.35-193.16, 195.79-196.00, 199.07-199.52: pkst to grst interbeds												
			192.23-192.24, 195.77-195.80, 194.56-194.57, 195.01-195.04, 195.64-195.67, 200.35-200.37: dolo mdst interbeds												
			contact is gradational, with boundstone above and only wkst to pkst below (dolo mdst interbeds in both)												
200.00	221.59	21.59	LIME WACKESTONE TO PACKSTONE WITH CARBONACEOUS DOLOMITIC	82479	200.00	201.50	1.50	97.34	2.24	0.13	0.08	0.06	50	114	45
			MUDSTONE INTERBEDS (Unit 1)	82480	200.00	201.50	1.50	96.83	2.47	0.21	0.07	0.06	53	118	45
			Wkst to Pkst: medium-grey, black etched, fg to vcg bioclasts, bioclasts include	82481	201.50	203.00	1.50	97.91	1.74	0.10	0.09	0.05	46	97	39
			crinoid ossicles, crinoid stems, brachiopods, gastropods, indeterminate shell	82482	203.00	204.50	1.50	96.43	3.03	0.14	0.10	0.06	53	117	40
			fragments, stromatoporoid fragments, very poorly sorted, very minor calcite veining,	82483	204.50	206.00	1.50	94.70	4.77	0.22	0.12	0.11	61	242	49
			very minor disseminated dolomite (<1%), strong reaction with HCl	82484	206.00	207.50	1.50	94.93	4.12	0.25	0.11	0.13	48	338	42
				82485	207.50	209.00	1.50	91.95	7.30	0.25	0.11	0.13	50	333	41
			Carb Dolo Mdst: black, black etched, vfg, no visible bioclasts, first 2m have thin	82486	209.00	210.50	1.50	91.77	7.61	0.23	0.10	0.11	72	281	44
			interbeds but thickness increases with depth, moderate reaction with HCl	82487	210.50	212.00	1.50	91.58	7.22	0.47	0.12	0.19	69	386	42
				82488	212.00	213.50	1.50	96.02	2.76	0.51	0.13	0.20	59	572	37
			204.67-204.98: carb dolo mdst interbeds are < 1 cm thick	82489	213.50	215.00	1.50	94.11	4.54	0.66	0.14	0.19	63	528	43
			205.57-208.44: iron-rich dolomite mottles, fracture-fill, light-orange, moderate	82490	215.00	216.50	1.50	91.10	8.10	0.34	0.13	0.12	65	307	45
			reaction with HCl	82491	216.50	218.00	1.50	97.50	1.88	0.25	0.10	0.09	45	220	41
			208.29-209.55: large open vugs with calcite crystals surrounding vugs	82492	218.00	219.39	1.39	88.78	5.63	3.00	0.31	0.80	112	2444	54
				83029	219.39	219.74	0.35	97.68	2.78	0.14	0.04	0.27	356	77	<0.01
			(partially filling), crystals up to 5 mm, moderately veined	82493	219.74	220.75	1.01	93.08	3.20	2.10	0.26	0.52	91	1369	53
			210.28-210.34: thick calcite-filled vein	82494	220.75	221.59	0.84	94.08	2.53	1.49	0.25	0.49	87	1405	45
			210.81-211.09: fining-upward cycle, seperated by carb dolo interbeds												
			218.36-218.44, 218.48-218.52, 218.54-218.56, 219.12-219.19, 219.24-219.26, 219.33-219.41, 221.13-221.35: carb dolo interbeds (thickening with depth)												
			221.59 m = EOH												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*
Project: *Giscome 2014* **Hole No:** *PAT14-04*

Dip Tests									
Depth	Angle	**Claim:**	*PAT*	**UTM Co-ordinates (NAD83)**		**Date Started:**	*Feb-28/14*	**Core Size:**	*NQ*
		Bearing:	*15°*	**Easting (m):**	*546709.2*	**Date Finished:**	*Mar-01/14*	**Casing:**	*3.05 m*
		Inclination:	*-71.0°*	**Northing (m):**	*5989595.1*	**Date Logged:**	*Mar. 5-7/2014*	**Total Depth:**	*185.01 m*
		Province:	*BC*	**Elevation (m):**	*714.8*	**Logged By:**	*B. Ulry*		

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
0.00	3.05	3.05	Casing - overburden												
				82495	3.05	4.55	1.50	99.20	0.75	0.07	0.09	0.04	25	68	32
3.05	20.12	17.07	DOLOMITIC MUDSTONE (Unit 4)	82496	4.55	6.05	1.50	92.38	7.05	0.09	0.06	0.05	27	72	29
			light-grey to light brown-grey, light brown-grey etched, very rough etched, fg matrix,	82497	6.05	7.55	1.50	82.33	17.51	0.08	0.08	0.06	43	94	42
			cg bioclasts	82498	7.55	9.05	1.50	81.08	18.60	0.19	0.08	0.05	50	68	64
				82499	9.05	10.55	1.50	88.36	10.73	0.11	0.08	0.06	31	61	108
			Structure: minor calcite veining	82500	10.55	12.19	1.64	88.51	11.25	0.12	0.08	0.05	35	55	108
				82501	12.19	13.70	1.51	91.38	8.49	0.08	0.10	0.05	31	75	86
			Alteration: dolomite present as bioclast overprinting?	82502	13.70	15.20	1.50	84.92	14.50	0.16	0.12	0.07	42	76	92
				82503	15.20	16.70	1.50	83.76	15.54	0.2	0.10	0.12	43	156	72
			3.05-20.12: fining upward cycle	82504	16.70	18.20	1.50	87.04	12.70	0.08	0.07	0.06	29	71	58
			16.27-20.12: brown dolomite banding	82505	18.20	20.12	1.92	86.06	13.74	0.07	0.09	0.06	33	27	253
			contact is sharp with brecciated interval below, contact is 60^0 to CA, structural contact?												
20.12	28.78	8.66	DOLOMITIC LIME BRECCIA (Unit 4)	82506	20.12	21.50	1.39	78.76	20.06	0.36	0.10	0.14	66	100	240
			very light-grey to dark grey, medium-grey to dark-grey etched, poorly sorted, vfg to	82507	21.50	23.00	1.50	95.61	2.89	0.78	0.14	0.33	44	354	136
			cg, angular clasts	82508	23.00	24.50	1.50	97.68	1.05	0.37	0.11	0.17	25	275	195
				82509	24.50	26.24	1.74	97.40	1.11	0.74	0.13	0.31	51	471	129
			Structure: extensive fault breccia and fault gouge, calcite veinging (20-40% overall),	82510	26.24	27.74	1.50	97.00	1.46	0.41	0.11	0.19	49	370	35
			moderate fault gouge	82511	27.74	29.24	1.50	97.16	0.88	0.43	0.14	0.20	53	462	40
			Alteration: hematite and limonite in fractures, disseminated dolomite throughout (10-20%)												
			Texture: strongly brecciated throughout												
			20.12-26.14: strongly brecciated												
			21.48: fault gouge at 30^0 to CA												
			22.02: fault gouge at 40^0 to CA												
			24.48: fault gouge at 160^0 to CA												
			24.09-24.49: fault gouge at 40^0 to CA												
			contact is sharp, lithology change (structural at 60^0 to CA)												
28.78	32.64	3.86	CARBONACEOUS LIME WACKESTONE TO PACKSTONE (Unit 4)	82512	29.24	31.00	1.76	98.90	0.71	0.03	0.08	0.03	27	34	21
			medium-grey to dark-grey, dark grey to black etched, micritic to cg bioclasts, poorly	82513	31.00	32.65	1.65	98.59	0.75	0.04	0.09	0.03	38	34	30
			sorted, 0.15 to 2 cm indeterminate shell fragments and gastropods												
			Structure: overall 10% calcite veinlets, carbonaceous stylolites distributed throughout												
			Alteration: minor dolomite mottling and finely disseminated throughout												
			contact is undulatory, carbonaceous stylolites near contact at 60^0 to CA												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-04*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
32.64	49.47	16.83	LIME MUDSTONE WITH MINOR DOLOMITIC LIME MUDSTONE INTERBEDS	82514	32.65	34.00	1.35	98.31	1.61	0.06	0.07	0.03	31	42	20
			(Unit 4)	82515	34.00	35.50	1.50	95.79	3.64	0.06	0.09	0.04	35	34	27
			Lm Mdst: light-grey to medium-grey, dark-grey etched, micritic to fg (minor fg to cg	82516	35.50	37.00	1.50	98.90	0.71	0.03	0.08	0.03	46	30	21
			bioclasts), bioclasts include shell fragments and crinoid ossicles occurring in small	82517	37.00	38.50	1.50	97.56	2.68	0.03	0.06	0.03	27	25	21
			bands	82518	38.50	40.00	1.50	96.99	2.59	0.36	0.08	0.03	111	38	26
				82519	40.00	41.52	1.52	98.77	1.09	0.12	0.07	0.03	40	29	23
			Dolo Lm Mdst: light-grey to medium-grey, dark brown-grey etched, micritic to fg	82520	40.00	41.52	1.52	98.59	1.28	0.06	0.07	0.03	49	43	22
			(minor fg to cg bioclasts), bioclasts include shell fragments and crinoid ossicles	82521	41.52	43.00	1.48	96.04	3.64	0.07	0.08	0.04	29	32	23
			(<30 cm thick)	82522	43.00	44.50	1.50	98.86	0.79	0.23	0.11	0.03	39	26	31
				82523	44.50	46.00	1.50	98.68	0.90	0.05	0.09	0.03	29	23	27
			Structure: overall minor calcite veining (5-10%)	82524	46.00	47.50	1.50	98.73	1.03	0.04	0.09	0.03	28	19	24
				82525	47.50	49.00	1.50	96.20	3.35	0.09	0.10	0.06	25	79	31
			Alteration: moderate local dolomite mottling												
			Texture: massive in mottled intervals												
			33.74-37.47: dolomite mottling (20-40%)												
			contact is sharp, with light mdst and medium-grey wkst to pkst at 50^0 to CA												
49.47	60.49	11.02	LIME WACKESTONE TO PACKSTONE WITH DOLOMITE MOTTLES (Unit 3)	82526	49.00	50.50	1.50	94.93	4.98	0.07	0.08	0.05	25	51	31
			medium-grey to dark-grey, vfg to cg bioclasts, bioclasts up to 2 cm, poorly sorted,	82527	50.50	52.00	1.5	96.25	3.64	0.05	0.06	0.04	27	60	28
			bioclasts include shell fragments and crinoid ossicles	82528	52.00	53.50	1.5	98.41	1.55	0.06	0.06	0.04	29	41	25
				82529	53.50	54.83	1.33	97.72	1.78	0.25	0.07	0.04	31	44	29
			Structure: intense calcite veinlets in shear-like texture	82530	54.83	56.33	1.50	78.37	20.44	0.70	0.13	0.17	48	216	41
				82531	56.33	57.84	1.51	80.42	19.08	0.24	0.11	0.10	39	65	36
			Alteration: dolomite alteration rims around some bioclasts and calcite veinlets	82532	57.84	58.69	0.85	81.67	16.25	1.02	0.17	0.47	37	77	38
				82533	58.69	60.19	1.50	98.41	1.11	0.14	0.10	0.06	36	81	26
			52.95-60.49: calcite veinlets (20%)												
			53.47-53.87: dolomite mottling (10-20%)												
			54.91-58.43: dolomite mottling (20-40%)												
			contact is sharp, with dolo mdst below, large calcite veins, contact at 50^0 to CA												
60.49	78.26	17.77	DOLOMITIC LIME MUDSTONE WITH MINOR LIME MUST TO PKST INTERBEDS	82534	60.19	61.69	1.50	95.97	3.85	0.09	0.08	0.05	30	57	37
			(Unit 2)	82535	61.69	63.19	1.50	94.83	5.06	0.09	0.15	0.05	28	81	51
			medium-grey to dark-grey, dark-grey to black etched, vfg to mg, minor bioclasts,	82536	63.19	64.69	1.50	96.75	2.97	0.15	0.09	0.08	35	133	36
			bioclasts include crinoid ossicles, moderately to well-sorted	82537	64.69	66.18	1.49	98.98	0.77	0.19	0.10	0.10	28	162	31
				82538	66.18	67.68	1.50	97.97	1.84	0.27	0.09	0.05	27	41	38
			Structure: minor carbonaceous stylolites, minor calcite veining overall, locally	82539	67.68	69.00	1.32	96.74	2.64	0.28	0.09	0.07	42	83	34
			strongly veined	82540	67.68	69.00	1.32	96.72	3.16	0.11	0.09	0.07	38	86	31
				82541	69.00	70.50	1.50	97.93	1.42	0.14	0.10	0.03	29	37	41
			Texture: stylolitic (carbonaceous) throughout	82542	70.50	72.00	1.50	98.31	1.17	0.35	0.17	0.14	37	298	55
				82543	72.00	73.50	1.50	96.65	2.87	0.22	0.14	0.12	57	244	42
			69.38-70.86: large cross-cutting calcite vein	82544	73.50	75.00	1.50	98.16	1.74	0.07	0.09	0.05	33	68	33
			69.38-74.94: small calcite veins (20-40%)	82545	75.00	76.50	1.50	97.63	1.80	0.43	0.12	0.15	48	280	31
			73.64: calcite vein at 30^0 to CA	82546	76.50	78.00	1.50	98.11	1.30	0.47	0.15	0.15	39	307	43
			73.64-74.06: large cross-cutting calcite vein												
			78.12: stylolite at 65^0 to CA												
			contact is gradational with decreased dolomite content with depth												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-04*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
78.26	86.97	8.71	LIME WACKESTONE TO PACKSTONE WITH MINOR LIME MUDSTONE	82547	78.00	79.50	1.50	98.47	1.17	0.21	0.10	0.10	39	200	41
			INTERBEDS (Unit 2)	82548	79.50	81.00	1.50	98.11	1.49	0.13	0.11	0.05	35	78	51
			light-grey to medium-grey, dark-grey to black etched, fg to cg bioclasts, bioclasts	82549	81.00	82.50	1.50	97.88	1.88	0.10	0.12	0.05	44	88	52
			include shell fragments and crinoid ossicles	82550	82.50	84.00	1.50	97.32	1.63	0.31	0.12	0.14	46	341	42
				82551	84.00	85.50	1.50	97.63	0.88	0.63	0.15	0.19	58	479	37
			Structure: overall calcite veining 10%	82552	85.50	87.00	1.50	98.40	0.75	0.25	0.16	0.14	40	289	36
			78.28-82.34: fining upward cycle												
			contact is sharp, calcite vein at 30^0 to CA												
86.97	93.57	6.60	BLEACHED LIME MUDSTONE (Unit 2)	82553	87.00	88.50	1.50	99.07	0.50	0.16	0.12	0.05	35	83	47
			white to light-grey, medium-grey to dark-grey etched, fg, no visible bioclasts	82554	88.50	90.00	1.50	99.23	0.52	0.13	0.09	0.04	24	67	49
				82555	90.00	91.50	1.50	98.91	0.54	0.10	0.10	0.06	128	84	39
			Structure: cross-cutting calcite veins	82556	91.50	93.00	1.50	97.63	0.88	0.50	0.22	0.23	38	430	64
			Texture: minor brecciation around veinlets												
			86.97-90.46: calcite vein (100%) at 65^0 to CA												
			90.46-90.76: calcite veinlets (20%)												
			90.70-91.08: calcite vein (100%) at 65^0 to CA												
			91.08-93.57: calcite veinlets (20-40%)												
93.57	102.24	8.67	LIME WACKESTONE TO PACKSTONE WITH CARBONACEOUS	82557	93.00	94.50	1.50	98.16	0.96	0.54	0.20	0.25	38	404	63
			STYLOLITES (Unit 2)	82558	94.50	96.00	1.50	98.40	0.84	0.49	0.12	0.12	38	291	37
			medium-grey to dark-grey, dark-grey to black etched, vfg to cg, bioclasts include	82559	96.00	97.50	1.50	98.75	0.82	0.23	0.12	0.09	35	191	40
			shell fragments and crinoid ossicles	82560	96.00	97.50	1.50	98.43	0.98	0.26	0.12	0.11	44	218	38
				82561	97.50	99.00	1.50	98.86	0.67	0.26	0.11	0.10	37	232	43
			Structure: calcite veinlets (5-10%), carbonaceous stylolites throughout	82562	99.00	100.80	1.80	96.83	1.26	1.00	0.24	0.43	60	1131	64
				82563	100.80	102.35	1.55	97.13	1.30	0.78	0.16	0.28	53	685	50
102.24	115.29	13.05	LIME WACKESTONE TO PACKSTONE WITH MINOR DOLOMITIC LIME	82564	102.35	104.00	1.65	95.90	2.78	0.59	0.13	0.19	54	516	61
			WACKESTONE TO PACKSTONE (Unit 2)	82565	104.00	105.76	1.76	95.86	2.97	0.44	0.13	0.19	57	522	60
			light-grey, medium-grey etched, fg matrix, cg bioclasts, bioclasts include abundant	82566	105.76	107.07	1.31	98.15	0.75	0.39	0.12	0.18	51	449	61
			fg to mg unidentifiable fossils, crinoid ossicles, minor stromatoporoid bands	82567	107.07	108.57	1.50	98.97	0.67	0.06	0.05	0.05	45	78	42
				82568	108.57	110.07	1.50	99.02	0.69	0.05	0.04	0.04	40	66	37
			Structure: minor calcite veining	82569	110.07	111.57	1.50	99.22	0.65	0.05	0.04	0.04	41	71	38
			Alteration: finely dissseminated dolomite (5-10% overall dolomite), minor lenses	82570	111.57	113.00	1.43	99.06	0.61	0.06	0.07	0.04	25	55	49
			of brownish carbonate (siderite?)	82571	113.00	114.50	1.50	99.06	0.73	0.06	0.04	0.04	44	51	34
				82572	114.50	115.30	0.80	98.41	0.65	0.29	0.11	0.09	44	203	59
			102.24-107.10: light brown carbonate (siderite, secondary?)												
			102.24-115.29: calcite veinlets (10%)												
			106.07-115.21: dolo lm wkst to pkst, 5-10% dolomite												
			116.33-118.51: light brown carbonate (siderite, secondary?)												
			contact is gradational, with strom-coral boundstone below contact												
115.29	148.98	33.69	COLONIAL CORAL STROMATOPOROID RICH LIME BOUNDSTONE BRECCIA	82573	115.30	116.81	1.51	98.90	0.73	0.14	0.08	0.09	41	190	50
			WITH LIME PACKSTONE BANDS (Unit 2)	82574	116.81	118.42	1.61	98.22	0.94	0.31	0.07	0.15	63	433	41
			light-grey to medium-grey, medium-grey etched, vfg to cg, bioclasts include	82575	118.42	120.00	1.58	98.93	0.71	0.08	0.04	0.05	48	116	39
			stromatoporoids and corals replaced by calcite, very poorly sorted, minor	82576	120.00	121.50	1.50	99.02	0.71	0.04	0.05	0.04	40	51	43

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-04***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			carbonaceous stylolites and pkst bands with shell and crinoid ossicle fragments	82577	121.50	123.00	1.50	99.25	0.61	0.06	0.06	0.05	35	75	42
				82578	123.00	124.50	1.50	99.00	0.67	0.15	0.05	0.07	42	114	41
			Structure: strong calcite veining and angular liem breccia indicate brittle structure,	82579	124.50	126.00	1.50	99.31	0.61	0.06	0.04	0.04	26	56	36
			but no offset or orientation could be determined, shearing of calcite veins	82580	124.50	126.00	1.50	98.98	0.61	0.06	0.04	0.05	50	71	40
				82581	126.00	127.50	1.50	99.23	0.73	0.03	0.05	0.03	42	46	37
			Alteration: local brown carbonate, siderite?	82582	127.50	129.00	1.50	98.66	0.69	0.08	0.03	0.06	58	110	42
				82583	129.00	130.50	1.50	98.98	0.73	0.09	0.09	0.04	44	47	52
			Texture: brecciated throughout, fining upward cycles overprinted by calcite veining	82584	130.50	132.00	1.50	98.32	0.73	0.19	0.09	0.10	45	223	50
				82585	132.00	133.50	1.50	98.43	0.77	0.12	0.06	0.08	47	171	46
			115.71-117.40: light brown carbonate, siderite? (5-10%)	82586	133.50	135.00	1.50	98.13	1.00	0.18	0.09	0.12	34	254	48
			119.30-125.57: calcite veinlets (10-20%)	82587	135.00	136.50	1.50	97.70	0.69	0.11	0.05	0.08	41	123	41
			125.57-126.60: 100% calcite vein	82588	136.50	138.00	1.50	98.84	0.59	0.06	0.08	0.05	31	60	51
			126.60-135.80: calcite veinltes (30-40%)	82589	138.00	139.50	1.50	98.75	0.67	0.09	0.09	0.06	31	107	46
			135.80-136.22: 100% calcite vein	82590	139.50	141.00	1.50	99.34	0.67	0.03	0.10	0.03	37	37	44
			136.22-145.78: calcite veinlets (30-40%)	82591	141.00	142.50	1.50	98.86	0.63	0.13	0.07	0.05	30	92	44
			145.20-148.98: lm pkst (medium-grey, shell fragments and crinoid ossicles,	82592	142.50	144.00	1.50	98.73	0.63	0.16	0.07	0.08	54	148	42
			poorly sorted)	82593	144.00	145.50	1.50	98.70	0.65	0.16	0.08	0.10	28	78	45
				82594	145.50	147.00	1.50	98.75	0.63	0.14	0.12	0.08	33	129	53
			contact is sharp, introduction of dolo mdst and carb stylolites, stylolitic	82595	147.00	148.00	1.00	98.59	0.69	0.09	0.12	0.06	38	83	49
			contact at 40^0 to CA	82596	148.00	149.00	1.00	98.38	0.69	0.28	0.14	0.16	38	260	48
148.98	185.01	36.03	DOLOMITIC LIME PACKSTONE WITH CARBONACEOUS STROMATOPOROID	82597	149.00	150.50	1.50	95.77	2.89	0.53	0.17	0.23	65	542	46
			CORAL BOUNDSTONE AND ARGILLACEOUS CARBONACEOUS LIME	82598	150.50	152.00	1.50	95.61	3.49	0.35	0.15	0.20	50	441	45
			MUDSTONE INTERBEDS (Unit 1)	82599	152.00	153.50	1.50	94.09	5.08	0.38	0.12	0.20	52	472	42
			interbedded fining upward cycles of bdst-pkst-mdst, 5 f.u.c's identified, 4-6 m thick	82600	152.00	153.50	0.00	89.35	7.74	0.57	0.16	0.30	66	718	47
			Dolo Lm Pkst: medium brown-grey to dark-grey, brown grey to black etched, fg	82601	153.50	155.00	1.50	94.36	4.67	0.31	0.11	0.12	52	258	44
			matrix, cg bioclasts, bioclasts include shell fragments, crinoid ossicles,	82602	155.00	156.50	1.50	83.60	14.41	0.91	0.23	0.49	78	1233	55
			stromatoporoid fragments, poorly sorted	82603	156.50	158.00	1.50	94.06	5.79	0.14	0.09	0.09	41	151	40
				82604	158.00	159.50	1.50	90.99	7.80	0.47	0.16	0.25	61	548	45
			Carb Bdst: medium grey to dark-grey, dark grey to black etched, vfg matrix, cg	82605	159.50	161.00	1.50	89.90	9.48	0.29	0.14	0.16	51	346	46
			bioclasts, bioclasts include stromatoporoid fragments, coral fragments, very poorly	82606	161.00	162.00	1.00	91.29	6.49	0.86	0.21	0.43	84	981	44
			sorted, abundant carbonaceous stylolites	82607	162.00	163.50	1.50	84.78	12.74	1.24	0.21	0.46	86	1046	49
				82608	163.50	165.00	1.50	95.79	3.54	0.40	0.09	0.11	44	251	40
			Arg Carb Lm Mdst: black, black etched and smoothe, micritic to fg, well sorted,	82609	165.00	166.50	1.50	98.13	1.40	0.27	0.13	0.12	33	266	46
			lime and dolomitic banding, no visible bioclasts	82610	166.50	167.50	1.00	96.75	2.68	0.23	0.10	0.09	33	178	42
				82611	167.50	169.00	1.50	82.92	14.10	1.42	0.18	0.47	84	1184	51
			Structure: abundant carbonaceous stylolites throughout, calcite veinlets (10-20%)	82612	169.00	170.50	1.50	94.67	3.56	1.12	0.19	0.29	42	688	53
				82613	170.50	172.00	1.50	84.15	11.88	2.63	0.30	0.60	103	1669	63
			135.48-135.68: fault gouge, displacement unknown due to interbedded units												
			148.98-152.84: dolo lm pkst with interbedded carb stylolites and arg carb mdst												
			148.98-155.03, 155.03-163.05, 172.21-177.77, 177.77, 185.01: fining upward cycles												
			152.84-155.03: carb lm bdst with dolo interbeds												
			155.03-162.10: dolo lm pkst with interbedded carb stylolites and arg carb mdst												
			159.18: stylolite at 40^0 to CA												
			162.10-163.05: carb lm bdst with dolo mottling												
			163.05-172.21: lm pkst												
			172.21-179.21: fault gouge, seperates two lithologies												
			172.21-176.05: carb dolo lm mdst with arg carb bands												
			176.05-177.77: carb lm bdst												
			177.77-182.16: arg carb lm mdst												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-04*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			182.16-185.01: carb lm bdst												
			185.01m = EOH												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014*

Hole No: *PAT14-05*

Dip Tests									
Depth	Angle	**Claim:**	*PAT*	**UTM Co-ordinates (NAD83)**		**Date Started:**	*Mar-01/14*	**Core Size:**	*HQ*
		Bearing:	*360*	**Easting (m):**	*546419.8*	**Date Finished:**	*Mar-04/14*	**Casing:**	*16.46 m*
		Inclination:	*-70.0°*	**Northing (m):**	*5989385.2*	**Date Logged:**	*Mar. 19-21/14*	**Total Depth:**	*282.55 m*
		Province:	*BC*	**Elevation (m):**	*700.0*	**Logged By:**	*K. Krueger*		

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
0.00	16.46	16.46	Casing - overburden												
16.46	41.47	25.01	LIME MUDSTONE TO WACKESTONE (Unit 7)	82976	16.46	18.00	1.54	98.91	0.65	0.31	0.10	0.09	96	95	35
			light-grey, medium-grey etched, cryptocrystalline, vfg to fg bioclasts, very well-sorted,	82977	18.00	19.50	1.50	98.98	0.63	0.12	0.10	0.07	54	120	28
			bioclasts include crinoid ossicles, peloids, occasional stromatoporoid and colonial	82978	19.50	21.00	1.50	98.61	0.71	0.16	0.10	0.09	50	168	27
			coral fragments, crinoids have been calcite-replaced, peloids are dark-grey, overall is	82979	21.00	22.50	1.50	98.81	0.67	0.08	0.07	0.05	32	67	25
			competent, overall 80% mudstone, 20% wackestone, very bioclast-poor, overall	82980	21.00	22.50	1.50	98.68	0.67	0.08	0.08	0.05	44	71	27
			calcite is <5% as fine veinlets and bioclast replacements, strong reaction with HCl	82981	22.50	24.00	1.50	98.63	0.92	0.04	0.06	0.04	45	29	19
				82982	24.00	25.50	1.50	99.18	0.50	0.06	0.05	0.04	28	45	20
			Structure: large, thick local calcite veins, but overall <2% calcite veins/veinlets which	82983	25.50	27.00	1.50	99.13	0.56	0.04	0.05	0.04	38	44	21
			are randomly oriented, overall weakly fractured, very minor carbonaceous stylolites,	82984	27.00	28.50	1.50	98.48	0.88	0.05	0.04	0.04	30	46	18
			randomly oriented	82985	28.50	30.00	1.50	95.00	4.46	0.09	0.06	0.06	44	36	21
				82986	30.00	31.50	1.50	98.59	0.96	0.12	0.08	0.07	39	90	27
			Alteration: local rusty oxide alteration	82987	31.50	33.00	1.50	98.66	0.63	0.08	0.06	0.05	31	75	21
				82988	33.00	34.50	1.50	98.25	1.36	0.13	0.07	0.07	44	102	24
			16.97-17.47, 22.16-22.41, 41.35-41.47: large calcite-healed fractures	82989	34.50	36.00	1.50	98.61	0.96	0.13	0.07	0.07	32	75	24
			21.15-21.81: abundant stromatoporoid and coral fragments, moderate	82990	36.00	37.50	1.50	98.82	0.65	0.09	0.05	0.06	29	55	21
			carbonaceous stylolites	82991	37.50	39.00	1.50	98.27	0.88	0.20	0.07	0.10	34	118	26
			29.84-29.86: calcite vein at 28^0 to CA	82992	39.00	40.25	1.25	96.70	1.49	0.67	0.11	0.29	41	353	31
			36.10: calcite vein at 34^0 to CA	82993	40.25	41.47	1.22	96.25	1.82	0.78	0.08	0.32	44	223	30
			17.27-17.56: rubbly, rusty orange oxide alteration along broken surfaces,												
			very broken up												
			24.00-24.02: minor oxide alteration along fractures												
			contact is gradational, with increase in carbon content												
41.47	47.70	6.23	CARBONACEOUS LIME MUDSTONE (Unit 7)	82994	41.47	43.00	1.53	98.00	1.15	0.23	0.08	0.12	47	77	31
			light-grey to medium-grey, dark-grey etched, micritic to vfg, minor crinoid ossicles,	82995	43.00	44.50	1.50	97.86	1.07	0.30	0.07	0.15	42	101	36
			very bioclast-poor, strong reaction with HCl	82996	44.50	46.00	1.50	97.90	0.96	0.34	0.08	0.17	41	191	36
				82997	46.00	47.70	1.70	97.21	1.55	0.56	0.14	0.24	46	220	50
			Structure: moderate calcite-healed fractures, overall 5-10% calcite present as fine												
			veinlets/fracture-fill, veinlets have random orientation												
			Alteration: very minor finely disseminated dolomite throughout, seems to increase												
			with carbon content, minor siderite mottling, minor oxide alteration along fractures												
			throughout												
			Texture: minor open vugs throughout												
			41.47-41.60: minor siderite mottling												
			43.80-43.81: calcite vein at 45^0 to CA												
			43.82-43.87, 45.12: rusty oxide alteration along fracture												
			43.87-45.45: locally 15% calcite veining												
			44.81, 44.52-44.56: rusty open fracture												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-05***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			contact is sharp, fault/rusty zone begins												
47.70	53.36	5.66	STRONGLY-FRACTURED CARBONACEOUS LIME MUDSTONE (Unit 7)	82998	47.70	49.00	1.30	96.75	1.69	0.79	0.14	0.28	33	107	64
			medium-grey, dark-grey to black etched, micritic, no bioclasts visible, overall 10-20%	82999	49.00	50.50	1.50	97.50	1.09	0.58	0.11	0.27	51	263	49
			calcite present as large veins and fine veinlets, minor angular siderite clasts,	83000	50.50	52.00	1.50	97.06	1.11	0.69	0.12	0.25	49	346	45
			moderate to strong reaction with HCl	83001	52.00	53.36	1.36	98.56	0.69	0.24	0.06	0.13	34	274	28
			Structure: overall very strongly fractured, weakly stylolitic (carbonaceous and hematite-rich stylolites)												
			Alteration: minor dolomite present (<2%) as finely disseminated crystals, minor siderite along fractures and as isolated rare clasts												
			Texture: moderately brecciated from 50.98-51.72												
			50.60-50.79, 50.98-51.72: abundant carbonaceous stylolites												
			49.09-49.42: rubbly, very broken up, rusty oxide alteration along abundant fractures, open vugs												
			52.90-53.36: rubbly, strongly fractured, abundant rusty oxide alteration												
			contact is sharp, base of strongly fractured (fault zone?) above												
53.36	59.22	5.86	LIME MUDSTONE (Unit 7)	83002	53.36	54.50	1.14	99.11	0.59	0.10	0.07	0.06	31	106	29
			light-grey, medium-grey etched, cryptocrystalline to micritic, no bioclasts visible,	83003	54.50	55.30	0.80	98.90	0.59	0.09	0.06	0.06	32	103	27
			overall competent, moderately-bleached, strong reaction with HCl	83040	55.30	55.61	0.31	99.56	0.66	0.08	0.05	0.35	494	105	<0.01
				83004	55.61	57.00	1.39	98.93	0.61	0.13	0.06	0.08	36	151	27
			Structure: moderately-fractured throughout, moderate calcite veinlets throughout	83005	57.00	58.22	1.22	98.73	0.67	0.30	0.08	0.13	36	285	32
			with locally very strong calcite veining, 10-115% calcite in randomly oriented veins and veinlets	83006	58.22	59.22	1.00	98.40	0.67	0.39	0.05	0.15	34	257	27
			54.44-54.47, 54.57-54.64, 55.05-55.11, 56.75-56.80, 57.22-57.32, 59.19-59.22: thick calcite veins, randomly oriented												
			contact is sharp, thick 3-cm wide calcite vein												
59.22	62.29	3.07	CARBONACEOUS LIME WACKESTONE TO PACKSTONE (Unit 7)	83007	59.22	60.72	1.50	96.58	2.26	0.60	0.06	0.13	41	225	30
			medium-grey, dark-grey to black etched, very poorly sorted, micritic mud matrix, fg	83008	60.72	62.29	1.57	98.43	0.90	0.31	0.07	0.11	39	198	30
			to cg bioclasts, bioclasts include crinoid ossicles, stems, indeterminate shell fragments, corals?, stromatoporoids?, competent, overall <5% calcite as fine veinlets and bioclast replacement, moderate reaction with HCl												
			Structure: minor carbonaceous stylolites throughout												
			60.60-61.02: strong carbonaceous stylolites												
			61.87-62.02: very broken up, by drilling?												
			contact is gradational, more dolomitic and more carbonaceous with depth												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-05*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
62.29	67.37	5.08	CARBONACEOUS CALCAREOUS DOLOMITIC MUDSTONE TO WACKESTONE	83009	62.29	63.50	1.21	97.00	2.09	0.55	0.07	0.21	40	428	31
			BRECCIA WITH DOLO MITIC MUDSTONE CLASTS (Unit 4-5 transition)	83010	62.29	63.50	1.21	97.40	1.80	0.51	0.08	0.21	31	375	33
			Carb Calc Dolo Mdst to Wkst: dark-grey to black, black etched, very carbonaceous,	83011	63.50	65.00	1.50	93.36	5.48	0.81	0.09	0.26	38	530	41
			vfg, minor bioclasts (fg to mg), bioclasts include crinoids, minor shell fragments,	83012	65.00	66.50	1.50	86.56	12.41	0.56	0.08	0.19	38	99	72
			moderate reaction with HCl	83013	66.50	67.37	0.87	86.48	11.80	0.89	0.09	0.18	39	329	101
			Dolo Mdst clasts: light-grey to tan, tan to medium-grey etched, very finely disseminated dolomite throughout, angular clasts mostly, minor calcite fragments (originally veins?), clasts are 50-60% dolomite and have carbonaceous stylolite "rims"												
			Structure: very fine micro-fractures throughout, very fine calcite veinlets, moderate to strongly fractured throughout, abundant carbonaceous stylolites, 20% calcite as micro-veinlets and bioclast replacement												
			Alteration: minor dolomite mottling (secondary?) and finely disseminated throughout mudstone (primary?), overall dolo is 20-25%												
			Texture: strongly brecciated throughout interval												
			64.39-64.45: large thick calcite vein at 42^0 to CA												
			65.23-65.26: calcite vein at a70^0 to CA												
			66.54-67.08: strongly dolomitized interval (up to 80%)												
			contact is gradational, increase in brecciation and decrease in dolo content												
67.37	71.40	4.03	CARBONACEOUS DOLOMITIC LIME MUDSTONE TO WACKESTONE BRECCIA	83014	67.37	69.00	1.63	93.77	4.56	1.09	0.09	0.18	26	139	178
			WITH CARBONACEOUS DOLOMITIC MUDSTONE CLASTS (Unit 5)	83015	69.00	70.25	1.25	87.76	7.91	3.50	0.10	0.38	52	895	68
			Carb Dolo Lm Mdst to Wkst: medium-grey to dark grey, black etched, well-sorted,	83016	70.25	71.40	1.15	88.99	6.13	3.84	0.12	0.34	44	824	61
			micritic matrix, mg bioclasts, bioclasts include crinoid ossicles, shell fragments, carbonaceous, moderate reaction with HCl												
			Dolo Mdst clasts: light-grey, tan to medium-grey etched, dolomite is disseminated throughout, angular to subangular clasts												
			Structure: overall 20-25% calcite veinlets and bioclast replacement, calcite veinlets are randomly oriented due to subsequent brecciation, strong carbonaceous stylolites throught interval, random orientation												
			Alteration: dolomite is finely disseminated in mdst to wkst and clasts, overall 10-15% dolomite, clasts are dolomite-rimmed and finely disseminated												
			Texture: strongly brecciated throughout, most original textures and structures appear to be completely overprinted/destroyed by brecciation												
			contact is gradational, becomes less brecciated with depth												
71.40	87.82	16.42	CARBONACEOUS DOLOMITIC LIME MUDSTONE WITH STRONG CALCITE	83017	71.40	73.00	1.60	89.90	4.85	4.22	0.14	0.45	67	1253	58
			VEINING	83018	73.00	74.50	1.50	89.19	4.16	4.77	0.21	0.67	74	1881	78
			medium-grey to dark grey, black etched, micritic, no visible bioclasts, very	83019	74.50	76.00	1.50	89.47	4.29	4.17	0.24	0.79	67	2045	92
			carbonaceous, overall very competent interval, weak to moderate reaction with HCl	83020	74.50	76.00	1.50	91.17	3.79	3.71	0.19	0.57	59	1494	79

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-05***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			Structure: overall 25-30% calcite veinlets, all randomly oriented, strong	83021	76.00	77.50	1.50	94.97	2.38	2.07	0.10	0.23	41	446	42
			carbonaceous stylolites throughout, moderate fractured throughout	83022	77.50	79.00	1.50	91.85	4.20	2.67	0.14	0.45	58	1056	69
				83023	79.00	80.50	1.50	92.99	4.41	1.63	0.09	0.25	43	527	41
			73.65: pronounced carbonaceous stylolite at 44^0 to CA	83024	80.50	82.00	1.50	90.15	8.14	1.13	0.08	0.21	55	423	37
			73.70-73.73, 79.90-79.95, 80.00-80.10: thick calcite veins	83025	82.00	83.50	1.50	97.50	1.78	0.24	0.09	0.10	35	189	31
			81.13: fracture at 30^0 to CA, with abundant orange rusty oxide alteration	83076	83.50	85.00	1.50	95.47	2.87	0.73	0.09	0.29	26	512	31
			84.90-84.95: large open vug	83077	85.00	86.40	1.40	94.52	4.60	0.38	0.09	0.18	45	409	26
			86.11-86.21: large calcite vein	83078	86.40	87.82	1.42	94.52	2.89	1.66	0.11	0.32	43	688	36
			86.98-87.04: rubbly, broken up, strongly carbonaceous												
			Alteration: dolomite is 20-30% as finely disseminated (primary?) and minor mottles												
			contact is gradational, with increase in lime wkst interbeds												
87.82	95.90	8.08	INTERBEDDED CARBONACEOUS ARGILLACEOUS DOLOMITIC MUDSTONE (60%)	83079	87.82	89.00	1.18	85.46	4.92	8.14	0.27	0.90	97	2896	83
			WITH DOLOMITIC LIME WACKESTONE (40%) (Unit 5)	83080	89.00	90.10	1.10	82.17	6.42	8.90	0.40	1.26	129	4417	103
			Carb Dolo Mdst: very dary-grey to black, black etched, vfg, dolomite is vfg and	83041	90.10	90.40	0.30	88.74	3.47	5.80	0.17	0.80	437	235	<0.01
			disseminated throughout (10-20%), argillaceous, sooty, graphitic partigs, silica	83081	90.40	92.00	1.60	89.31	3.83	5.43	0.23	0.62	83	1958	57
			up to 20% locally, weak reaction with HCl	83082	92.00	93.50	1.50	91.81	4.33	1.63	0.28	0.73	79	1661	74
				83083	93.50	95.00	1.50	92.26	4.29	1.53	0.28	0.79	84	1832	81
			Dolo Lm Wkst: medium-grey, dark-grey etched, micritic to fg bioclasts, bioclasts												
			include crinoid ossicles and stems, not a competent interval, moderate reaction												
			with HCl												
			Structure: moderate calcite veinlets (10-15%), moderate carbonaceous stylolites,												
			moderately fractured												
			Alteration: dolomite is 10-20% and is present as finely disseminated crystals												
			throughout mudst one wackestone, also minor local mottling												
			89.50-89.60, 93.64-93.84: large thick calcite veins at 90^0 to CA												
			contact is sharp, up to 90% carb dolo mdst interbeds												
95.90	108.81	12.91	CARBONACEOUS DOLOMITIC LIME MUDSTONE (80%) WITH MINOR LIME	83085	95.00	95.90	0.90	85.83	7.32	4.09	0.41	1.24	128	3546	104
			WACKESTONE TO GRAINSTONE (20%) INTERBEDS (Unit 5)	83086	95.90	97.00	1.10	78.26	4.83	13.22	0.37	1.04	160	3370	98
			Dolo Lm Mdst: black, black etched, vfg, argillaceous, sooty, minor carbonaceous	83087	97.00	98.50	1.50	77.09	4.98	13.41	0.48	1.35	204	4586	94
			stylolites, weakly fractured, bedding at 86^0 to CA, very thinly bedded, moderate	83088	98.50	100.00	1.50	70.12	5.31	18.20	0.67	1.47	249	6390	106
			reaction with HCl	83089	100.00	101.50	1.50	69.32	5.75	18.83	0.68	1.61	253	6406	111
				83090	101.50	103.00	1.50	65.50	5.63	21.56	0.77	1.88	251	7616	160
			Lime Wkst to Grst: light-grey to medium-grey, medium-grey etched, 10% calcite	83091	103.00	104.50	1.50	71.93	5.38	17.60	0.52	1.50	239	5448	113
			as replaced bioclasts and veinlets, mg to vcg bioclasts, very poorly sorted, bioclasts	83092	104.50	106.00	1.50	79.23	4.23	11.60	0.41	1.15	186	3859	64
			include abundant indeterminate shell fragments, crinoid ossicles and rare large	83093	106.00	107.50	1.50	81.05	10.61	5.52	0.35	1.02	163	2798	93
			brachiopods (up to 1.5 cm diameter)	83094	107.50	108.81	1.31	81.83	5.44	8.40	0.49	1.28	131	4206	99
			Structure: overall minor calcite veins, weakly fractured												
			Alteration: dolomite present as very finely disseminated throughout lm mdst (15-20%)												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-05***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			contact is gradational, brecciated interval begins												
108.81	122.97	14.16	LIME MUDSTONE TO WACKESTONE BRECCIA WITH MINOR CARBONACEOUS	83095	108.81	110.31	1.50	95.33	2.72	0.83	0.13	0.36	55	759	55
			DOLOMITIC MUDSTONE CLASTS (Unit 4)	83096	110.31	111.81	1.50	93.81	4.23	0.73	0.18	0.38	51	870	83
			Lm Mdst to Wkst: light-grey to medium-grey, medium-grey etched, very poorly	83097	111.81	113.31	1.50	97.68	1.17	0.25	0.07	0.12	41	252	30
			sorted, fg to vcg bioclasts, bioclasts include crinoid ossicles, shell fragments and	83098	113.31	114.81	1.50	98.40	0.94	0.13	0.05	0.06	38	103	22
			brachiopods, very good reaction with HCl	83099	114.81	116.31	1.50	97.88	1.34	0.17	0.05	0.07	40	139	25
				83100	116.31	117.81	1.50	97.65	1.21	0.29	0.07	0.13	53	289	25
			Carb Dolo Mdst clasts: dark-grey, black etched, vfg, sooty, minor carbonaceous	83101	117.81	119.31	1.50	96.74	2.20	0.27	0.06	0.12	36	211	35
			stylolites, rimmed by carbonaceous stylolites, no visible bioclasts, dolomite is finely	83102	119.31	120.50	1.19	94.83	3.51	0.73	0.14	0.36	46	665	48
			disseminated throughout clasts, clasts are angular and poorly sorted, moderate reaction with	83103	120.50	122.00	1.50	94.84	3.05	0.91	0.14	0.43	50	857	65
				83104	122.00	122.97	0.97	97.20	1.72	0.40	0.09	0.20	36	352	37
			Structure: 25-30% calcite veins, very strong calcite veining, strong carbonaceous												
			stylolites and stringers throughout, many calcite veins have been broken into very												
			angular fragments												
			Alteration: overall dolomite content is <5% as finely disseminated in mdst												
			clasts and stylolites												
			Texture: very strongly brecciated throughout, most original textures and structures												
			overprinted or destroyed												
			110.80-110.83, 111.11-111.15, 111.24-111.28, 112.00-112.02: thick calcite veins												
122.97	128.20	5.23	CARBONACEOUS DOLOMITIC LIME WACKESTONE (Unit 4)	83105	122.97	124.50	1.53	98.15	1.34	0.14	0.10	0.07	60	137	31
			light-grey to medium-grey, dark-grey etched, micritic to vcg bioclasts, very poorly	83106	124.50	126.00	1.50	97.79	1.59	0.20	0.05	0.11	49	242	20
			sorted, bioclasts include abundant crinoid ossicles and stems (mg), brachiopods	83107	126.00	127.50	1.50	97.40	1.44	0.38	0.07	0.19	57	410	22
			(vcg), indeterminate shell fragments (mg, rare), competent, very good reaction with	83108	127.50	128.20	0.70	98.75	0.71	0.08	0.05	0.05	36	81	20
			HCl												
			Structure: weak calcite veining (<1% overall), overall calcite is 1-2% in veinlets and												
			bioclast replacement, weakly fractured throughout, rare carbonaceous stylolites at												
			random orientations												
			Alteration: dolomite present as very finely disseminated throughout wkst and along												
			fractures (dolomite along fractures is light-rey to tan, no reaction with HCl), overall												
			dolomite content is 1-5%												
			Texture: vuggy (open) from 127.96-128.04												
			contact is sharp, abrupt lithology chanbge and increase in carbonaceous stylolites												
128.20	130.15	1.95	STRONGLY BLEACHED LIME MUDSTONE (Unit 4)	83109	128.20	129.15	0.95	99.06	0.61	0.07	0.04	0.04	35	67	18
			very light-grey, light-grey to medium-grey etched, cryptocrystalline, no visible	83110	129.15	130.15	1.00	99.09	0.65	0.06	0.04	0.03	45	43	19
			bioclasts, bioclasts may have been destroyed by calcite veining, competent interval,												
			very strong reaction with HCl												
			Structure: very strongly fractured, strong calcite veining throughout, calcite veinlets												
			have no preferred orientation, but are randomly oriented												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-05*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			Alteration: very minor hematite staining along isolated fractures (128.43, 130.10)												
			Texture: small open vugs from 128.42-128.44												
			128.20-128.30: minor carbonaceous stylolites near contact												
			130.09-130.15: thick white calacite vein (or amalgamation of many smaller veinlets, unclear)												
			contact is sharp, stylolitic and base of thick calcite-rich interval (6 cm thick)												
130.15	132.48	2.33	CARBONACEOUS DOLOMITIC LIME MUDSTONE WITH STRONG CALCITE	83111	130.15	131.15	1.00	97.74	1.59	0.27	0.05	0.14	36	225	17
			VEINING AND CARBONACEOUS STYLOLITES (Unit 4)	83112	131.15	132.48	1.33	97.70	1.61	0.15	0.04	0.06	47	70	24
			light-grey to medium-grey, black etched, vfg, carbonaceous, no visible bioclasts, bioclasts may have been destroyed by calcite veining, strong reaction with HCl												
			Structure: abundant calcite veining/veinlets (40% calcite as veins), strongly fractured, calcite veins randomly oriented, abundant carbonaceous stylolites (most at 75-80^0 to CA, stylolites are dolomite-rich, gritty when etched (overall 1-5% dolomite in stylolites)												
			Alteration: dolomite is present in abundant carbonaceous stylolites throughout												
			contact is gradational, lessening of carbonaceous stylolites												
132.48	138.32	5.84	LIME MUDSTONE TO WACKESTONE WITH STRONG DOLOMITE MOTTLING	83113	132.48	134.00	1.52	97.43	2.28	0.07	0.04	0.04	31	51	26
			(Unit 4)	83114	134.00	135.50	1.50	98.38	1.26	0.05	0.03	0.03	31	31	16
			medium-grey to medium tan-grey, dark-grey etched, vfg to fg bioclasts, bioclasts	83115	135.50	137.00	1.50	97.41	1.99	0.07	0.06	0.04	45	69	20
			include crinoid ossicles and stems, well-sorted, overall is bioclast-poor, moderate reaction with HCl	83116	137.00	138.32	1.32	99.48	0.54	0.03	0.03	0.02	34	18	15
			Structure: moderate calcite veinlets (15-20% overall), moderately fractured												
			Alteration: dolomite present as mottles and along fractures (10-15% dolomite)												
			133.99: calcite vein at 18^0 to CA												
			134.44: calcite vein at 40^0 to CA												
138.32	146.45	8.13	INTERBEDDED LIME MUDSTONE (50%) WITH CARBONACEOUS DOLOMITIC	83117	138.32	139.80	1.48	99.13	0.52	0.04	0.04	0.02	40	22	18
			LIME WACKESTONE TO PACKSTONE (50%) (Unit 4)	83118	139.80	141.50	1.70	98.59	0.67	0.23	0.04	0.02	43	38	18
			Lm Mdst: light-grey, medium-grey to light-brown etched, cryptocrystalline, no	83119	141.50	143.00	1.50	98.93	0.79	0.05	0.03	0.02	44	22	18
			visible bioclasts, locally vuggy (open), competent, strong reaction with HCl	83120	141.50	143.00	1.50	98.70	0.94	0.04	0.04	0.02	44	20	19
				83121	143.00	144.60	1.60	99.04	0.71	0.04	0.04	0.02	43	27	18
			Carb Dolo Lm Wkst to Pkst: medium-grey, dark-grey, black etched, moderate	83122	144.60	146.45	1.85	98.70	0.94	0.09	0.10	0.04	130	44	30
			reaction with HCl, carbonaceous, strongly stylolitic, vfg to fg, bioclasts include crinoids, shell fragments, well-sorted, dolomite present as finely disseminated, competent, contact between interbeds all seem to be very undulatory, soft-sediment deformation at contact?												
			Structure: weakly fractured, weak calcite veining (<2% overall)												
			Alteration: dolomite finely disseminated throughout carb dolo wkst to pkst intervals												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-05***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			143.90-146.00: calcite veins at 50^0, 44^0, 63^0, 46^0, 58^0 to CA												
			contact is sharp, abrupt end to interbeds of carb dolo wkst to pkst												
146.45	152.42	5.97	WEAKLY DOLOMITIC BLEACHED LIME MUDSTONE (Unit 4)	83123	146.45	148.00	1.55	99.09	0.52	0.04	0.05	0.02	44	23	22
			very light-grey to light-grey, light to medium-grey etched, cryptocrystalline,	83124	148.00	149.50	1.50	98.97	0.61	0.05	0.06	0.02	83	27	24
			competent, no visible bioclasts, very good reaction with HCl	83125	149.50	151.00	1.50	98.97	0.56	0.04	0.06	0.02	43	26	22
				83126	151.00	152.42	1.42	95.54	4.14	0.04	0.04	0.03	58	37	27
			Structure: strongly fractured, abundant calcite veining, calcite present as cm-scale veins andv very fine veinlets (overall 20-30% calcite), calcite veins are at random orientations, no carbonaceous stylolites in this interval												
			Alteration: dolomite content is low (<1%), very minor finely disseminated in mdst												
			146.90-147.01: broken up interval												
			150.00-150.05: open vugs												
			contact is sharp, present of carbonaceous stylolites below												
152.42	156.55	4.13	CARBONACEOUS DOLOMITE LIME MUDSTONE WITH STRONG CALCITE	83127	152.42	154.00	1.58	84.71	13.62	1.14	0.11	0.29	97	368	38
			VEINING AND STRONG STYLOLITES (Unit 3)	83128	154.00	155.50	1.50	95.81	3.35	0.42	0.08	0.08	56	114	26
			light-grey to medium-grey, black etched, micritic, sooty, carbonaceous, no visible	83129	155.50	156.55	1.05	93.31	3.60	1.61	0.08	0.18	58	203	36
			bioclasts, somewhat competent, moderate reaction with HCl												
			Structure: strong calcite veining and fracturing, calcite 10-30% overall, at random orientations, strong carbonaceous dolomitic stylolites												
			Alteration: dolomite is overall 5-10% in finely disseminated and carbonaceous stylolites, minor local dolomite mottles												
			Texture: strong brecciation from 152.57-153.48												
			contact is sharp, lack of carbonaceous stylolites below												
156.55	160.43	3.88	STRONGLY BLEACHED DOLOMITIC LIME MUDSTONE (Unit 3)	83130	156.55	158.00	1.45	96.25	3.51	0.06	0.05	0.03	52	36	17
			very light-grey to light-grey, medium-grey to tan etched, cryptocrystalline, competent,	83131	158.00	159.25	1.25	95.68	4.12	0.04	0.05	0.02	60	19	21
			no visible bioclasts (may be destroyed by veining), silica is <1% overall, strong	83132	159.25	160.43	1.18	93.31	6.11	0.19	0.08	0.10	53	112	35
			reaction with HCl												
			Structure: very strong calcite veining (50-60%), strongly fractured, veins and fractures at random orientations												
			Alteration: dolomite (10% overall, 30% locally) is finely to coarsely disseminated, replaces bioclasts completely in grainy interval above												
			157.29-157.78: open vugs and rubbly, very broken up												
			158.36-158.41: thick white calcite vein at 64^0 to CA												
			159.43-160.43: dolomitic lime grainstone interval (indeterminate bioclasts, but looks very fossiliferous, cg bioclasts, dolo-replaced?)												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-05***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			contact is sharp, increase in carbon content												
160.43	165.07	4.64	CARBONACEOUS ARGILLACEOUS CALCAREOUS DOLOMITIC MUDSTONE	83133	160.43	162.00	1.57	94.31	4.12	0.85	0.17	0.29	66	658	40
			(Unit 3)	83134	162.00	163.62	1.62	91.67	2.87	2.77	0.60	1.14	91	3575	90
			dark-grey, black etched, fg, no visible bioclasts, locally argillaceous, moderate	83135	163.62	165.07	1.45	89.49	1.97	4.66	1.11	1.62	83	6478	101
			reaction with HCl												
			Structure: minor calcite veins (<2% overall calcite), oriented approximately 54-56^{0}												
			to CA, rare carbonaceous stylolites												
			Alteration: dolomite is coarsely disseminated throughout mdst (20-30%)												
			163.68-164.28: very argillaceous, sooty												
			163.68-163.74: minor brachiopod fragments, indeterminate shell fragments												
			contact is sharp, abrupt lithology change												
165.07	182.88	17.81	LIME WACKESTONE TO PACKSTONE (Unit 2)	83136	165.07	166.50	1.43	98.52	0.79	0.30	0.09	0.11	60	304	49
			very light-grey, medium-grey, light brown-grey etched, cryptocrystalline to mg	83137	166.50	168.00	1.50	98.81	0.69	0.26	0.08	0.13	62	342	48
			bioclasts, bioclasts include crinoid ossicles, indeterminate shell fragments, other	83138	168.00	169.50	1.50	98.90	0.69	0.22	0.06	0.12	61	312	46
			indistinguishable fossils, very fossiliferous, minor mg carbonaceous flecks,	83139	169.50	171.00	1.50	97.90	1.21	0.50	0.09	0.26	76	660	52
			competent, strong reaction with HCl, overall 5% calcite in veins and veinlets and	83140	169.50	171.00	1.50	97.08	1.51	0.78	0.11	0.39	50	1042	49
			bioclast, replacement	83141	171.00	172.50	1.50	98.16	0.79	0.63	0.07	0.27	47	737	44
				83142	172.50	173.52	1.02	98.91	0.71	0.14	0.07	0.08	57	177	48
			Structure: overall minor calcite veining with locally moderate veining, veins are	83042	173.52	173.85	0.33	99.63	0.94	0.12	0.04	0.48	686	153	<0.01
			mostly randomly oriented, minor fractures with calcite infill, mionr hematite staining	83143	173.85	175.50	1.65	99.23	0.61	0.06	0.04	0.04	37	75	41
			along fractures, minor local carbonaceous stringers	83144	175.50	177.00	1.50	97.65	1.03	0.50	0.12	0.28	43	436	48
				83145	177.00	178.50	1.50	98.57	0.65	0.44	0.07	0.13	37	243	43
			Alteration: moderate siderite? Mottling from 168.14-170.10 and along fractures	83146	178.50	180.00	1.50	98.79	0.65	0.17	0.08	0.08	40	163	49
			(siderite is orange-pink, has a moderate reaction with HCl and is soft), very minor	83147	180.00	181.50	1.50	98.75	0.65	0.09	0.05	0.05	43	108	41
			dolomite along fractures (localized)	83148	181.50	182.88	1.38	98.98	0.69	0.07	0.03	0.05	44	91	38
			Texture: brecciated weakly from 169.95-170.13												
			172.18-1732.39: colonial coral fragments, stromatoporoid fragments with												
			calcite porosity infill (vcg fossils)												
			174.40: calcite vein at 75^{0} to CA												
			175.46: rusty orange oxide alteration along fracture, slickenlines abundant												
			on fracture plane												
			176.10-176.14, 176.44-176.46: rusty orange oxide alteration along fracture												
			178.53 -178.63: large calcite-filled vug												
			176.87-179.00: abundant orange clay infilling fractures (fault gouge?)												
			178.92-179.00: rubbly, broken up												
			contact is gradational												
182.88	210.21	27.33	STROMATOPOROIDAL LIME BOUNDSTONE WITH MINOR PACKSTONE TO	83149	182.88	184.40	1.52	98.68	0.67	0.08	0.03	0.03	46	51	38
			GRAINSTONE (Unit 2)	83150	184.40	186.00	1.60	99.11	0.59	0.08	0.04	0.03	36	53	40
			very light-grey to light-grey, medium-grey to dark-grey etched, very poorly sorted,	83151	186.00	187.50	1.50	97.64	1.88	0.14	0.05	0.08	67	189	41
			cg bioclast fragments, bioclasts include abundant stromatoporoids, colonial corals,	83152	187.50	189.00	1.50	97.91	1.65	0.15	0.05	0.07	45	161	40
			indeterminate shell fragments, brachiopods, crinoid stems and ossicles, shell	83153	189.00	190.50	1.50	96.27	2.93	0.25	0.07	0.14	56	340	43

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-05***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			fragments up to 2 cm diameter, minor tan etched, most fossils are well-preserved,	83154	190.5	192.00	1.5	98.11	1.61	0.15	0.04	0.08	49	177	35
			fossiliferous, calcite content is 10-15% in veinlets (fine) and bioclast replacement	83155	192.0	193.50	1.5	98.41	0.79	0.55	0.04	0.05	69	126	41
			and reefal porosity in-fill, very good reaction with HCl	83156	193.5	195.00	1.5	98.27	0.79	0.55	0.04	0.05	68	122	41
				83157	195.0	196.50	1.5	98.70	0.73	0.11	0.06	0.06	64	114	37
			Structure: very minor calcite veins, very minor fracatures, very minor carbonaceous	83158	196.5	198.00	1.5	97.34	1.49	0.41	0.11	0.22	32	221	40
			stylolites, very minor carbonaceous mudstone interbeds (intervals noted below)	83159	198.0	199.50	1.5	98.97	0.69	0.14	0.06	0.08	43	169	32
				83160	198.0	199.50	1.5	99.02	0.69	0.14	0.06	0.08	38	171	33
			Alteration: very minor dolomite mottling (<1% overall), seems to be concentrated	83161	199.5	201.00	1.5	96.56	2.57	0.33	0.13	0.18	32	234	39
			along fractures, dolomite is light tan etched and sandy texture	83162	201.0	202.50	1.5	97.32	1.53	0.38	0.12	0.21	36	396	34
				83163	202.5	204.00	1.5	97.49	1.42	0.50	0.12	0.16	51	301	40
			195.80, 195.98, 196.25, 197.11, 198.80-199.00, 200.25-200.58: rusty oxide	83164	204.0	205.50	1.5	99.16	0.65	0.09	0.04	0.06	39	98	33
			alteration along fractures	83165	205.5	207.00	1.5	98.75	0.59	0.11	0.05	0.07	39	128	34
			199.60: 1-cm argillaceous carbonaceous mudstone interbed	83166	207.0	208.50	1.5	97.90	0.82	0.49	0.14	0.26	44	629	31
			201.50-201.70: rusty oxide alteration along fractures, hematite staining,	83167	208.5	209.50	1.0	91.24	7.09	0.70	0.15	0.35	88	728	41
			broken up	83168	209.5	210.21	0.7	98.59	0.67	0.15	0.06	0.09	43	194	33
			203.58-203.75: very rusty, broken up, oxide alteration on fracture planes												
			202.87-202.89, 207.90-207.94: argillaceous carbonaceous mudstone interbed												
			208.90-208.93: orange rusty staining												
			contact is gradational, increase in dolomite content and lithology change												
210.21	215.54	5.33	LIME WACKESTONE TO PACKSTONE WITH STRONG DOLOMITE MOTTLING	83169	210.21	211.75	1.54	97.49	1.26	0.42	0.15	0.15	26	296	48
			(Unit 2)	83170	211.75	213.00	1.25	98.45	0.63	0.11	0.13	0.07	9	113	55
			light-grey to medium-grey, medium-grey to medium brown-grey etched, vfg to vcg	83171	213.00	214.25	1.25	97.82	0.82	0.24	0.13	0.08	26	135	47
			bioclasts, very poorly sorted, bioclasts include abundant crinoids, indeterminate shell	83172	214.25	215.54	1.29	91.54	7.30	0.28	0.14	0.16	39	366	48
			fragments, brachiopods, rare gastroppods, stromatoporoid and coral fragments, any												
			other bioclasts are indistinguishable, not a competent interval, moderate to strong												
			reaction with HCl												
			Structure: strongly fractured interval, majority of fractures at 48^0 to CA, overall very												
			weak calcite veining (calcite <5% in veins and bioclast replacement)												
			Alteration: strong rusty oxide alteration along fractures, dolomite content is 10-20%												
			(very cg mottles, mottles are locally pervasive), dolomite also present in thin												
			carbonaceous argillaceous mudstone interbeds isolated at 220.27-220.38												
			Texture: open vugs at 210.95-210.98												
			211.58, 212.84, 213.54, 213.70, 213.78, 214.00, 214.77, 214.82,												
			215.03-215.16: rusty oxide alteration along fractures												
			211.97-212.05: colonial coral rich boundstone (isolated)												
			contact is sharp, stylolitic												
215.54	241.10	25.56	INTERBEDDED LIME WACKESTONE TO PACKSTONE (70%) WITH	83173	215.54	217.00	1.46	94.79	3.58	0.57	0.19	0.28	36	707	56
			CARBONACEOUS DOLOMITIC MUDSTONE (30%) (Unit 2-1 transition)	83174	217.00	218.50	1.50	94.68	2.59	1.41	0.24	0.47	68	1278	52
			Lm Wkst to Pkst: light-grey, medium-grey to tan etched, well-sorted, micrite matrix	83175	218.50	220.00	1.50	95.47	2.43	0.60	0.17	0.31	39	779	51
			with fg to mg bioclasts, bioclasts include abvundant crinoids and shell fragments,	83176	220.00	221.87	1.87	81.83	6.78	5.72	0.84	2.00	145	5994	108
			colonial corals fragments, stromatoporoid fragments, calcite-replaced bioclasts,	83043	221.87	222.21	0.34	92.97	3.60	2.44	0.23	0.78	359	213	7
			minor carbonaceous flecks throughout, strong reaction with HCl	83177	222.21	223.50	1.29	82.92	8.60	4.38	0.51	1.19	97	3410	101

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-05*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			Carb Dolo Mdst: dark-grey to black, black etched, sooty, carbonaceous, argillaceous, siliceous, dolomite is finely disseminated throughout (50%), bedding at 80^0 to CA mostly, weak reaction with HCl												
			Dolo Mdst clasts: non-carbonaceous, angular, carbon-rimmed, weak reaction with HCl (10-20% dolomite)												
			Structure: overall <2% calcite veins, moderately-fractured, graphitic partings common, few carbonaceous stylolites												
			Alteration: dolomite present as minor mottles and in carbonaceous dolomitic mudstone and dolo mdst clasts												
			Texture: brecciated from 220.50-220.94, open vugs (small) at 239.19-239.35												
			215.54-216.70, 217.70-219.20, 221.89-222.20, 223.71-235.11, 235.79-237.67, 238.24-241.10: Lm Wkst to Pkst 216.70-217.70, 219.20-221.89, 222.20-223.71, 235.11-235.79, 237.67-238.24: Dolo Mdst 218.67-219.15, 235.79-237.07, 237.32-237.60, 227.00-227.75: isolated stromatoporoid-rich lime boundstone, strong reaction with HCl 230.06: hematite-staining along fracture 236.72-236.83, 223.22-223.70, 237.15-237.35: Dolo Mdst clasts 240.61: carbonaceous stylolite, overall very few stylolites												
			contact is gradational, increase in carb mdst interbeds												
241.10	258.67	17.57	CARBONACEOUS ARGILLACEOUS DOLOMITIC LIME MUDSTONE (95%) WITH LIME WACKESTONE TO PACKSTONE (5%) INTERBEDS (Unit 1) Dolo Lm Mdst: black, black etched, vfg, very thinly- bedded, sooty, argillaceous, not competent, dolomite is <5% and finely disseminated throughout, moderate reaction with HCl, bedding: 89^0 to CA at 241.13, 78^0 to CA at 244.25, 73^0 to CA at 245.98, 85^0 to CA at 249.03, 78^0 to CA at 252.09												
			Dolo Lm Wkst to Pkst: light-grey to medium-grey, medium-grey etched, vfg to mg bioclasts, bioclasts include crinoids and indeterminate shell fragments, carbonaceous, dolomite is 30-40%, very coarsely sandy etched (large dolo crystals), coarsely-disseminated throughout, rare gastropod shell (1-cm diameter)												
			Structure: minor carbonaceous stylolites at 242.66-242.81, very minor calcite veining, calcite <2% from veining and bioclast replacement, very minor fractures throughout												
			242.34-242.39: calcite vein at 50^0 to CA 246.34: large 2-cm diameter brachiopod (calcite-replaced) 249.43-249.46: calcite vein at 78^0 to CA 249.59-249.61: calcite vein at 76^0 to CA 249.84-249.86: calcite vein at 70^0 to CA 252.59-252.61: calcite vein at 33^0 to CA 252.82-252.86: large calcite vein at 77^0 to CA 255.99-256.02: large calcite vein at 598^0 to CA												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-05*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			257.26-257.79, 258.17-258.23: sooty, very broken up interval												
			contact is gradational, gradual decrease in mudstone and increase in lm wkst to pkst												
258.67	273.33	14.66	CARBONACEOUS LIME PACKSTONE TO GRAINSTONE (90-95%) WITH CARBONACEOUS MUDSTONE (5-10%) INTERBEDS (Unit 1)												
			Lm Pkst to Grst: medium-grey, dark-grey to black etched, micritic with mg to vcg bioclasts, very poorly sorted, bioclasts include abundant crinoid ossicles and stems, indeterminate shell fragments, colonial coral fragments, gastropods, moderate carbonaceous flecks throughout, rare brachiopods, fossiliferous overall, moderate to strong reaction with HCl												
			Carb Mdst: black, black etched, sooty, argillaceous, siliceous, thinly-bedded, approx. 90^0 to CA, vfg, very carbonaceous, not competent												
			Structure: overall mionr calcite veining, calcite 10-20% as veinlets and bioclast replacements, minor fractures overall, minor carbonaceous stylolites throughout												
			Alteration: dolomite is 20-40% in dolo mdst as finely disseminated and in pkst to grst as mottles (tan-grey) and bioclast replacement, large dolo crystals in pkst to grst												
			Texture: moderately brecciated from 264.00-264.71												
			264.00-264.71: moderately fractured												
			268.90: calcite vein at 40^0 to CA												
			268.06-268.09: thick calcite vein at 42^0 to CA												
			268.85-269.01, 262.30-262.46: broken up interval (due to drilling?), no rusty alteration												
			contact is sharp, stylolitic												
273.33	282.55	9.22	CARBONACEOUS DOLOMITIC MUDSTONE TO WACKESTONE BRECCIA WITH DOLOMITIC LIME MUDSTONE TO WACKESTONE CLASTS (Unit 1)												
			Carb Dolo Mdst to Wkst: dark-grey to black, black etched, well-sorted, mg bioclasts, bioclasts include crinoids, shell fragments, rare gastropods, composes approximately 60% of breccia, weak reaction with HCl												
			Dolo Lm Mdst clasts: light-grey to medium-grey, tan to medium-grey etched, well-sorted, bioclasts include crinoid stems and ossicles, shell fragments, clast are angular to sub-rounded, clasts vary from very dolomitic (50%) to no dolomite, moderate reaction with HCl												
			Structure: very minor calcite veining, very minor visible fractures, calcite <5% from bioclast replacement and very fine veinlets, minor carbonaceous stylolites												
			Alteration: dolomite present as finely disseminated in mdst to wkst matrix, replacement of bioclasts/fossils in matrix, bioclast replacement in clasts, 100% replacement of many clasts, in minor carbonaceous stylolites and in moderate mottles throughout (overall, dolomite content is 40-50%)												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-05***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			Texture: brecciation is strong throughout												
			overall this interval is competent (mdst interbeds are not argillaceous due to fossil content), almost looks congomeratic due to degree of roundness of some clasts												
			276.55-276.58, 280.05-280.10, 280.34-280.47: rare argillaceous mdst interbeds												
			282.55 m = EOH												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* | **Hole No:** *PAT14-06*

Dip Tests

Depth	Angle

Claim: *PAT* | **UTM Co-ordinates (NAD83)** | **Date Started:** *Mar-04/14* | **Core Size:** *HQ*

Bearing: *360* | **Easting (m):** *546582.7* | **Date Finished:** *Mar-07/14* | **Casing:** *15.24 m*

Inclination: *-70.0°* | **Northing (m):** *5989402.8* | **Date Logged:** *Mar. 14-17/14* | **Total Depth:** *252.07 m*

Province: *BC* | **Elevation (m):** *701.0* | **Logged By:** *K. Krueger*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
0.00	15.24	15.24	Casing - overburden												
15.24	18.37	3.13	STRONGLY BLEACHED AND BRECCIATED LIME MUDSTONE (Unit 7)	82807	15.24	16.80	1.56	89.92	1.03	6.97	0.12	0.6	82	4236	152
			light-grey, medium-grey etched, vfg, original textures and fossils completely	82808	16.80	18.37	1.57	98.93	0.94	0.29	0.07	0.15	22	136	65
			destroyed by brecciation, strong reaction with HCl												
			Structure: abundant calcite veining throughout, strong local carbonaceous stylolites,												
			strongly fractured throughout												
			Alteration: no dolomite present, local rusty orange oxide alteration along fractures												
			Texture: strongly brecciated throughout												
			15.24-16.48, 16.93-17.89: strongly broken up, rusty orange oxide alteration												
			along fractures, minor orange clay present												
			contact is gradational, gradual increase in carbon content												
18.37	26.61	8.24	CARBONACEOUS LIME MUDSTONE BRECCIA WITH DOLOMITIC MUDSTONE	82809	18.37	20.00	1.63	93.40	5.61	0.49	0.12	0.26	31	50	50
			CLASTS (Unit 7)	82810	20.00	21.50	1.50	95.47	3.72	0.43	0.11	0.22	24	77	47
			Lm Mdst: medium-grey, dark-grey to black etched, micritic, no bioclasts visible,	82811	21.50	23.00	1.50	91.40	7.38	0.7	0.14	0.34	32	270	58
			strongly carbonaceous, strong reaction with HCl	82812	23.00	24.50	1.50	93.04	5.54	0.75	0.14	0.37	47	449	50
				82813	24.50	26.00	1.50	95.38	2.87	0.69	0.13	0.35	26	122	43
			Dolo Mdst clasts: light-grey to medium-grey, dark-grey to dark-brown etched, angular	82814	26.00	26.61	0.61	96.45	2.36	0.38	0.08	0.19	21	61	47
			clasts, very sandy etched, dolomite is finely disseminated throughout clasts, most												
			clasts have thin carbonaceous rims												
			Structure: overall abundant clacite-healed fractures, strong carbonaceous stylolites,												
			overall competent interval												
			Alteration: dolomite finely disseminated in mdst clasts												
			Texture: locally small cm-scale vugs (open), strongly brecciated overall												
			22.50-22.70: moderate hematite staining along large fracture												
26.61	34.22	7.61	LIME WACKESTONE TO PACKSTONE (Unit 7)	82815	26.61	28.00	1.39	98.68	0.82	0.14	0.04	0.07	29	50	22
			light-grey to medium-grey, medium-grey etched, poorly sorted, fg to cg bioclasts,	82816	28.00	29.67	1.67	97.57	1.88	0.24	0.10	0.12	31	124	34
			bioclasts include crinoid ossicles and stems, peloids, ooids?, minor colonial coral	83035	29.67	29.97	0.30	97.68	2.72	0.10	0.03	0.34	422	83	<0.01
			fragments, strong reaction with HCl	82817	29.97	31.50	1.53	96.08	3.54	0.20	0.12	0.10	39	55	36
				82818	31.50	33.00	1.50	98.20	0.96	0.35	0.14	0.18	33	248	34
			Structure: minor caronaceous stylolites, moderate calcite veinlets randomly oriented	82819	33.00	34.22	1.22	97.59	1.78	0.22	0.28	0.12	33	98	42
				82820	33.00	34.22	1.22	97.72	1.59	0.38	0.08	0.15	33	136	24
			Alteration: minor oxide alteration along stylolites, minor dolomite mottling throughout (overall <2%)												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-06***

From	To	Tkns	Description	Sample	From	To	Length	$CaCO_3$	$MgCO_3$	SiO_2	Fe_2O_3	Al_2O_3	Na_2O	K_2O	MnO
m	m	m		#	m	m	m	%	%	%	%	%	ppm	ppm	ppm
			Texture: moderately brecciated interval at 33.50-33.73												
			27.01-27.22: broken up, very minor oxide alteration along fractures (fractured strongly)												
			29.40-29.50: large open vug with large calcite crystal rims												
			27.69-27.83: rusty oxide alteration along fractures, very broken up												
			32.00-32.15: rusty oxide alteration along fractures, broken up, no evidence of faulting like slickenlines, may just be a fracture?												
			33.47-33.50: calcite vein at 57^0 to CA												
			contact is sharp, significant increase in carbon content, becomes strongly stylolitic and argillaceous												
34.22	44.81	10.59	CRINOIDAL LIME WACKESTONE TO GRAINSTONE WITH STRONG	82821	34.22	35.50	1.28	93.79	5.23	0.38	0.08	0.18	43	202	23
			CARBONACEOUS STYLOLITES (Unit 5)	82822	35.50	37.00	1.50	94.51	4.54	0.52	0.09	0.18	36	83	33
			medium-grey, dark-grey to black etched, well sorted, fg to mg bioclasts, bioclasts	82823	37.00	38.50	1.50	92.04	5.79	1.35	0.10	0.31	48	424	37
			include crinoid ossicles, minor shell fragments, minor large gastropods, not a	82824	38.50	40.00	1.50	89.74	5.79	3.26	0.14	0.47	59	1220	41
			competent interval, strong reaction with HCl	82825	40.00	41.50	1.50	90.03	4.35	3.99	0.14	0.48	65	1375	41
				82826	41.50	43.00	1.50	95.88	2.49	0.89	0.11	0.23	37	520	34
			Structure: minor calcite veining (overall calcite <5%), abundant carbonaceous	82827	43.00	43.90	0.90	92.70	5.48	0.92	0.15	0.37	44	598	47
			stylolites at 58^0, 52^0, 60^0 and 61^0 to CA, graphitic partings common	82828	43.90	44.81	0.91	94.70	3.33	1.16	0.13	0.32	48	753	45
			Alteration: very minor disseminated dolomite (overall <1%)												
			Texture: moderately brecciated interval from 36.87-37.40												
			236.35-36.52, 36.87-37.40, 42.53-43.12: strongly veined intervals, strongly fractured												
			contact is sharp, appearance of distinct mdst interbeds												
44.81	78.53	33.72	CARBONACEOUS ARGILLACEOUS DOLOMITIC MUDSTONE (60-70%) WITH	82829	44.81	46.00	1.19	93.24	2.87	2.78	0.13	0.36	66	944	49
			LIME WACKESTONE TO PACKSTONE (30-40%) INTERBEDS (Unit 5)	82830	46.00	47.50	1.50	74.14	7.85	13.14	0.39	1.81	152	5796	144
			Carb Arg Dolo Mdst: black, black etched, vfg, argillaceous, no visible bioclasts,	82831	47.50	49.00	1.50	80.51	4.85	11.08	0.40	1.52	139	4733	117
			very finely-bedded, very weak to powder fizz with HCl	82832	49.00	50.50	1.50	74.87	5.75	13.60	0.53	2.02	145	5711	122
				82833	50.50	52.00	1.50	73.02	5.48	12.59	0.47	2.00	206	6200	103
			Lime Wkst to Pkst: medium-grey, dark-grey etched, fg to vcg, very poorly sorted,	82834	52.00	53.50	1.50	65.20	7.45	20.55	0.77	3.36	370	10388	165
			bioclasts include crinoid ossicles and stems, indeterminate shell fragments, rare	82835	53.50	55.00	1.50	69.63	6.07	17.17	0.56	2.49	295	7416	147
			gastropods, strong reaction with HCl	82836	55.00	56.50	1.50	81.39	4.85	9.72	0.32	1.26	215	3821	70
				82837	56.50	58.00	1.50	86.35	3.20	7.74	0.24	0.67	143	1911	54
			Structure: minor calcite veining (<2% overall), mdst bedding: 90^0 to CA, 76^0 to CA,	82838	58.00	59.50	1.50	81.98	4.37	10.21	0.38	1.41	142	3804	60
			70^0 to CA, 55^0 to CA (changing with depth), moderate carbonaceous stylolites and	82839	59.50	60.81	1.31	85.69	4.56	6.21	0.31	1.14	239	3401	60
			stringers throughout wkst to pkst	82840	59.50	60.81	1.31	84.87	4.71	7.45	0.37	1.20	185	3511	72
				83036	60.81	61.13	0.31	90.83	3.46	2.76	0.20	0.83	379	210	<0.01
			Alteration: dolomite is very finely disseminated throughout mdst (<5%)	82841	61.13	62.50	1.37	94.65	2.97	1.79	0.16	0.29	80	749	50
				82842	62.50	64.00	1.50	90.86	3.83	3.62	0.22	0.64	147	1716	55
			overall not a competent interval, strongly fractured in most pkst to wkst interbeds,	82843	64.00	65.50	1.50	76.28	6.02	13.01	0.58	1.90	256	5618	104
			moderate carbonaceous stylolites	82844	65.50	67.00	1.50	81.83	5.19	8.93	0.41	1.16	203	3389	96
				82845	67.00	68.50	1.50	89.35	4.33	4.45	0.30	0.78	149	2180	61

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-06*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			48.59-51.09: strongly sheared zone, strong calcite veining, moderately	82846	68.50	70.00	1.50	82.78	6.46	8.13	0.49	1.43	188	3942	102
			brecciated, completely disturbed carbonaceous mdst beds	82847	70.00	71.50	1.50	86.10	3.64	7.66	0.38	1.15	195	3467	73
			51.09-60.79: 95% carb dolo mdst with very minor interbedded wkst to pkst	82848	71.50	73.00	1.50	92.76	3.14	2.62	0.21	0.49	115	1377	48
			56.37-56.40: calcite vein 64^0 to CA	82849	73.00	74.50	1.50	90.70	2.59	5.15	0.20	0.52	102	1423	38
			57.37-57.87: lime pkst interbed with abundant small mm-scale brachiopods	82850	74.50	76.00	1.50	91.36	4.31	3.01	0.23	0.56	85	1491	54
			58.50-59.09: strong calcite veining and brecciation	82851	76.00	77.50	1.50	94.38	1.61	2.48	0.24	0.44	72	1235	54
			59.09-59.30: rubbly interval, very broken up	82852	77.50	78.53	1.03	92.22	1.28	4.44	0.34	0.82	98	2137	79
			63.72-63.85: gastropod bed (up to 1-cm diameter), well-preserved with minor												
			brachiopods												
			63.85-63.87: calcite vein at 54^0 to CA												
			63.85-64.49: abundant shell fragments, very deformed brachiopods												
			64.28: fragment colonial coral fragments												
			64.77-66.38: 95% dolo mdst												
			66.31-66.34: large calcite bleb												
			69.52-69.71, 71-66-72.20, 72.36-72.96, 77.10-77.25: shell-rich pkst to grst,												
			abundant brachiopods and indeterminate shell fragments												
			71.72: calcite vein at 45^0 to CA												
78.53	104.33	25.80	CRINOIDAL LIME WACKESTONE TO PACKSTONE WITH CARBONACEOUS	82853	78.53	80.00	1.47	97.91	0.75	0.47	0.16	0.20	32	430	65
			LIME PACKSTONE INTERBEDS (Unit 4)	82854	80.00	81.50	1.50	97.45	1.13	0.55	0.17	0.22	27	348	58
			Lm Wkst to Pkst: light-grey, medium-grey etched, moderately sorted, micritic	82855	81.50	83.00	1.50	98.26	0.94	0.24	0.10	0.11	54	208	38
			mud matrix with mg to cg bioclasts, bioclasts include abundant crinoid ossicles	82856	83.00	84.50	1.50	98.34	0.79	0.33	0.13	0.16	35	308	51
			and stems, lesser shell fragments, common brachiopods locally, very strong	82857	84.50	86.00	1.50	97.29	0.73	0.89	0.24	0.47	45	710	52
			reaction with HCl	82858	86.00	87.50	1.50	98.66	0.71	0.19	0.12	0.10	39	187	40
				82859	87.50	89.00	1.50	98.86	0.59	0.07	0.10	0.05	31	71	46
			Carb Lm Pkst: medium-grey, dark-grey etched, moderately sorted, most interbeds	82860	87.50	89.00	1.50	98.97	0.61	0.07	0.09	0.05	37	73	40
			no thicker than 10 cm, mg to cg bioclasts, bioclasts include crinoids, shell fragments,	82861	89.00	90.50	1.50	98.79	0.65	0.11	0.10	0.07	49	111	41
			brachiopods, minor disseminated dolomite (<1%), moderate to strong reaction with	82862	90.50	92.00	1.50	98.72	0.67	0.16	0.08	0.08	45	176	22
			HCl, very competent interval overall	82863	92.00	93.50	1.50	96.97	0.77	1.37	0.13	0.28	58	737	29
				82864	93.50	95.00	1.50	97.18	0.71	1.46	0.09	0.24	40	660	25
			Structure: overall <2% calcite veining, moderate carbonaceous stylolites only in	82865	95.00	96.50	1.50	98.95	0.56	0.08	0.08	0.05	39	85	29
			carb lm pkst interbeds	82866	96.50	98.00	1.50	99.09	0.61	0.05	0.05	0.04	32	55	21
				82867	98.00	99.50	1.50	98.95	0.65	0.06	0.04	0.03	31	44	22
			Alteration: dolo in carb lm pkst as finely disseminated throughout	82868	99.50	101.00	1.50	98.00	1.13	0.22	0.08	0.12	30	52	57
				82869	101.00	102.50	1.50	98.63	0.73	0.06	0.05	0.05	29	20	29
			91.40: bedding at 57^0 to CA	82870	102.50	104.33	1.83	98.77	0.69	0.05	0.04	0.04	38	22	23
			84.00-85.65: very broken up interval, abundant rusty orange oxide alteration												
			along fractures, strongly fractured and moderate calcite veining, minor small												
			open vugs												
			90.67-90.69: isolated carb mdst breccia with calcite fragments (2-cm thick)												
			93.21-93.72: isolated argillaceous carb mdst interval												
			95.71: bedding at 56^0 to CA												
			97.78-97.79: strong carb dolo mdst stylolite												
			100.22-104.33: strong carb dolo mdst stylolites throughout												
			95.17-95.38: large thick calcite vein, somewhat deformed, so unsure												
			of angle to CA												
			100.22-104.33: weakly brecciated carb lm pkst												
			contact is sharp, stylolitic												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-06***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
104.33	120.80	16.47	LIME MUDSTONE WITH STRONG CALCITE VEINING (Unit 4)	82871	104.33	105.69	1.36	98.31	0.86	0.13	0.08	0.07	42	56	36
			very light-grey, light-grey to medium-grey etched, cryptocrystalline to micritic,	82872	105.69	107.24	1.55	98.75	0.67	0.10	0.04	0.04	62	80	33
			no visible bioclasts, veining may have overprinted fossils, very strong reaction with	83037	107.24	107.56	0.32	99.72	0.75	0.04	0.03	0.38	399	117	<0.01
			HCl	82873	107.56	109.00	1.44	99.25	0.63	0.07	0.05	0.03	45	37	32
				82874	109.00	110.50	1.50	98.59	0.67	0.20	0.09	0.07	41	57	54
			Structure: calcite veining at random orientation, strong calcite veining throughout	82875	110.50	112.00	1.50	99.06	0.69	0.13	0.08	0.06	52	70	44
			(30-40% overall), strong fractures throughout	82876	112.00	113.50	1.50	98.79	0.67	0.10	0.04	0.05	51	75	41
				82877	113.50	115.00	1.50	98.70	0.61	0.13	0.06	0.07	43	92	55
			Alteration: minor rusty oxide alteration along fractures	82878	115.00	116.50	1.50	98.09	0.77	0.52	0.14	0.28	40	368	89
				82879	116.50	118.00	1.50	98.15	0.98	0.34	0.10	0.16	40	75	58
			108.81-110.13: very broken up, covered with unconsolidated mud and clay,	82880	116.50	118.00	1.50	98.04	0.98	0.34	0.10	0.16	42	87	69
			no alteration visible	82881	118.00	119.50	1.50	99.16	0.54	0.05	0.04	0.02	45	17	21
			112.51-113.09, 114.24-114.69: moderate rusty oxide alteration, moderately	82882	119.50	120.80	1.30	98.43	0.65	0.54	0.08	0.12	70	178	29
			fractured, broken up, no slickenlines visible												
			115.29-117.49: fault zone? Strongly fractured, strongly brecciated lm mdst,												
			hematite and siderite clasts, hematite along fractures, strongly broken up,												
			bleached, orange fault gouge												
			120.57-120.80: moderate orange oxide alteration along fracture, no evidence												
			of movement												
			contact is sharp, at end of brecciated altered fracture												
120.80	135.27	14.47	DOLOMITIC LIME MUDSTONE WITH STRONG DOLOMITE MOTTLING (Unit 4)	82883	120.80	122.00	1.20	94.20	5.42	0.06	0.04	0.04	46	24	22
			light-grey, medium-grey to dark-grey etched, competent, cryptocrystalline to micritic,	82884	122.00	123.50	1.50	94.20	5.42	0.05	0.05	0.03	123	37	19
			limey throughout, no visible bioclasts, moderate reaction with HCl	82885	123.50	125.00	1.50	97.68	1.63	0.43	0.03	0.03	97	59	13
				82886	125.00	126.50	1.50	96.91	2.93	0.05	0.02	0.02	49	21	11
			Structure: overall very minor calcite veinlets (<1%)	82887	126.50	128.00	1.50	97.70	2.03	0.06	0.03	0.03	92	38	26
				82888	128.00	129.50	1.50	94.65	5.15	0.05	0.03	0.02	56	20	17
			Alteration: finely disseminated dolomite crystals throughout, dolomite also present	82889	129.50	131.00	1.50	95.72	4.27	0.09	0.02	0.02	48	15	16
			as large mottles, mottles are tan to light grey (etches very coarse sandy), dolomite	82890	131.00	132.50	1.50	96.70	3.05	0.05	0.03	0.03	53	36	17
			content 30-40% overall, both primary and secondary?	82891	132.50	134.00	1.50	86.67	13.20	0.06	0.02	0.02	56	20	16
				82892	134.00	135.27	1.27	90.10	9.75	0.04	0.02	0.02	45	19	15
			127.25-127.66: minor oxide alteration along fractures												
			128.60-128.73: crinoidal lime wkst interbed, very strongly dolomite mottled												
			131.64-132.70: very strong dolomite mottling (60-70%)												
			131.09-131.46: lime wkst interbed (shells, brachiopods, crinoids, colonial												
			corals), very strongly dolomite mottled												
			131.65-132.40: lime pkst interbed (crinoids, shells), very strong dolomite												
			mottling												
			133.65-133.78: large calcite vein, original orientation has been disturbed												
			134.00-134.40: large calcite blebs, may be as above, disturbed fractured												
			calcite vein												
135.27	154.92	19.65	STRONGLY DOLOMITIC MUDSTONE (Unit 3)	82893	135.27	136.74	1.47	85.38	14.46	0.03	0.03	0.02	51	16	17
			light-grey, medium-grey etched, vcg sandy etched texture, dolomite has completely	82894	136.74	138.25	1.51	94.67	5.06	0.15	0.02	0.03	61	45	15
			altered original limestone (90-100% dolomite overall), dolomite is fine crystals	82895	138.25	139.70	1.45	81.85	17.59	0.07	0.03	0.05	62	62	19
			throughout, competent, moderate reaction with HCl	83038	139.70	140.01	0.31	79.78	20.67	0.10	0.03	0.20	275	54	<0.01
				82896	140.01	141.50	1.49	89.83	9.62	0.08	0.03	0.05	68	82	20
			Structure: overall <2% calcite veining, local large veins (see below), minor fractures	82897	141.50	143.00	1.50	94.45	5.00	0.06	0.05	0.03	111	55	28
			throughout, carbonaceous stylolites appear at 144.00 onward	82898	143.00	144.50	1.50	98.88	0.77	0.05	0.03	0.03	51	29	21

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-06***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
				82899	144.50	146.00	1.50	78.32	20.21	0.67	0.07	0.13	74	147	28
			148.00-151.50: minor crinoid ossicles and stems replaced with dolomite	82900	146.00	147.50	1.50	67.75	31.42	0.27	0.10	0.15	92	154	33
			154.48-154.92: less dolomite (20-30%) and more calcite veining (5%)	82901	147.50	149.00	1.50	73.18	26.42	0.14	0.06	0.10	75	124	29
			143.94-144.00: large calcite vein at 51^{0} to CA	82902	149.00	150.50	1.50	97.70	1.92	0.09	0.04	0.06	49	99	25
			142.51-142.54: large calcite vein at 50^{0} to CA	82903	150.50	152.00	1.50	92.84	6.88	0.07	0.03	0.04	46	60	23
			143.46-143.53: large calcite vein at 25^{0} to CA	82904	152.00	153.50	1.50	88.15	11.76	0.08	0.03	0.05	53	75	28
				82905	153.50	154.92	1.42	73.64	25.79	0.18	0.09	0.06	138	70	61
			contact is sharp, below is strongly bleached interval												
154.92	157.23	2.31	STRONGLY BLEACHED LIME BOUNDSTONE (Unit 2)	82906	154.92	156.25	1.33	97.65	0.94	0.62	0.26	0.35	78	751	67
			light-grey, medium-grey etched, cg bioclasts, abundant stromatoporoids, abundant	82907	156.25	157.23	0.98	98.45	0.79	0.64	0.06	0.08	98	91	43
			reefal porosity in-fill (calcite), very strong reaction with HCl												
			Structure: very large calcite vein has cut through this interval with minor calcite												
			veinlets off-shooting, overall >90% calcite in this interval, can barely see any original												
			boundstone, moderately fractured												
			Alteration: moderate rusty oxide alteration along fractures												
			contact is sharp, end of strongly bleached interval												
157.23	172.50	15.27	LIME WACKESTONE TO PACKSTONE WITH MINOR LIME BOUNDSTONE	82908	157.23	158.50	1.27	99.11	0.82	0.09	0.08	0.05	71	38	55
			INTERBEDS (Unit 2)	82909	158.50	160.00	1.50	99.07	1.00	0.10	0.05	0.06	69	65	46
			light-grey to medium-grey, dark-grey etched, cg to vcg bioclasts, bioclasts include	82910	160.00	161.50	1.50	97.68	0.96	0.48	0.11	0.25	54	353	45
			stromatoporoids, colonial corals, tabular stromatoporoids, crinoids, brachiopods,	82911	161.50	163.00	1.50	96.86	1.63	0.56	0.13	0.29	69	212	55
			indeterminate shell fragments, competent, poorly sorted, very strong reaction with HCl	82912	163.00	164.50	1.50	94.09	4.67	0.60	0.11	0.27	85	409	46
				82913	164.50	166.00	1.50	95.70	3.08	0.42	0.08	0.17	90	289	44
			Structure: minor calcite veining along fractures (<1%), rare fractures, very minor	82914	166.00	167.50	1.50	96.95	1.69	0.41	0.06	0.22	80	490	40
			carbonaceous stylolites throughout	82915	167.50	169.00	1.50	98.40	0.69	0.22	0.04	0.07	67	109	41
				82916	169.00	170.50	1.50	98.99	0.69	0.07	0.08	0.04	76	78	50
			Alteration: minor dolomite mottling (<2%) from 163.70-172.50	82917	170.50	171.50	1.00	98.38	1.07	0.09	0.05	0.05	71	111	40
				82918	171.50	172.50	1.00	98.07	1.49	0.11	0.04	0.06	40	132	39
			154.92-158.10: strongly brecciated interval, strong calcite veining (30%												
			dolomite)												
			161.21-161.93: iron-rich zone, siderite replaced stromatoporoid bdst, rusty												
			oxide alteration in fractures, rubbly, argillaceous zone, minor vugginess,												
			limonite and hematite alteration												
			165.61-165.68, 166.498-166.52, 165.86-165.89: minor carb dolo mdst												
			interbeds (dark-grey to black, argillaceous)												
			167.25-167.67, 168.37-168.53: very broken up, weakly fractured, broken up												
			from drilling												
			171.25: carbonaceous stylolite at 56^{0} to CA												
			contact is gradational												
172.50	189.58	17.08	STROMATOPOROIDAL-COLONIAL CORAL LIME BOUNDSTONE (Unit 2)	82919	172.50	174.00	1.50	97.72	1.86	0.15	0.04	0.08	39	183	40
			light-grey, dark-grey etched, abundant stromatoporoids and colonial corals, common	82920	172.50	174.00	1.50	97.00	2.45	0.16	0.04	0.08	46	192	41
			shell fragments and crinoids, abundant calcite porosity infill throughout,somewhat	82921	174.00	175.50	1.50	97.61	2.03	0.23	0.04	0.07	48	142	38
			carbonaceous locally, bioclast are well-preserved overall, very strong reaction with	82922	175.50	177.00	1.50	98.61	0.98	0.19	0.03	0.06	44	134	37
			HCl, rare gastropod shells, competent	82923	177.00	178.50	1.50	97.29	2.51	0.08	0.04	0.06	38	119	39
				82924	178.50	180.00	1.50	97.86	1.78	0.09	0.03	0.06	38	127	36

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-06*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			Structure: very minor carbonaceous stylolites, overall carbon content is 10-15%,	82925	180.00	181.50	1.50	97.86	1.55	0.09	0.02	0.05	36	93	36
			very minor calcite veinlets	82926	181.50	183.06	1.56	98.15	1.67	0.07	0.04	0.04	40	83	40
				83039	183.06	183.45	0.39	99.43	0.85	0.06	0.02	0.39	524	110	<0.01
			Alteration: minor dolomite mottling (<2% overall)	82927	183.45	185.00	1.55	98.86	1.05	0.05	0.04	0.04	35	59	37
				82928	185.00	186.50	1.50	92.36	6.67	0.20	0.05	0.11	46	279	40
			173.21-173.24, 174.12-174.14, 174.38-174.39, 175.00-175.02, 178.22-178.25,	82929	186.50	188.00	1.50	98.20	1.40	0.06	0.03	0.04	43	67	35
			186.50-186.53, 186.18-186.20: minor carb mdst interbeds	82930	188.00	189.58	1.58	98.56	1.15	0.05	0.04	0.03	32	51	36
			174.63-175.00: large colonial coral bdst												
			175.75-195.97, 177.67-177.73, 182.68-182.73: minor pkst to wkst interbeds,												
			mainly shell fragments and crinoids, well-sorted, in filing reefal pores												
			176.80-177.18: broken up interval from drilling												
			178.72-179.03: large colonial coral bdst												
			182.09-182.17: large calcite-filled vug, possible disturbed vein												
			184.45-184.46, 184.54-184.58: large calcite veins at 56^0 to CA												
			contact is gradational, bdst to bdst fragments to none												
189.58	200.90	11.32	CRINOIDAL LIME WACKESTONE (Unit 2)	82931	189.58	191.00	1.42	99.15	0.67	0.04	0.02	0.03	37	38	32
			light-grey, light brown-grey to medium-grey etched, vfg to vcg, very poorly sorted,	82932	191.00	192.50	1.50	99.20	0.56	0.05	0.03	0.03	35	34	32
			bioclasts are well-preserved, bioclasts include abundant crinoid ossicles and stems,	82933	192.50	194.00	1.50	99.07	0.59	0.04	0.04	0.03	35	34	33
			shell fragments, peloids?, competent, very strong reaction with HCl	82934	194.00	195.50	1.50	99.06	0.56	0.08	0.03	0.03	36	41	34
				82935	195.50	197.00	1.50	98.91	0.63	0.05	0.09	0.04	78	63	45
			Structure: minor calcite veinlets, very minor carbonaceous stylolites and flecks	82936	197.00	198.50	1.50	97.99	1.30	0.05	0.11	0.04	63	40	44
			throughout (<1%)	82937	198.50	200.00	1.50	98.66	0.84	0.08	0.10	0.05	72	101	42
				82938	200.00	200.90	0.90	98.40	1.34	0.06	0.05	0.04	70	63	38
			Alteration: very minor fine-grained dolomite mottles (<1%)												
			194.73-194.90: isolated colonial coral fragments												
			contact is sharp, stylolitic, appearance of mudstone interbeds												
200.90	218.42	17.52	DOLOMITIC LIME WACKESTONE TO PACKSTONE (95%) WITH	82939	200.9	202.50	1.6	89.95	8.77	0.74	0.14	0.25	81	306	43
			CARBONACEOUS MUDSTONE (5%) INTERBEDS (Unit 2)	82940	200.9	202.50	1.6	91.83	7.01	0.56	0.11	0.18	28	159	42
			Dolo Lm Wkst to Pkst: light-grey to medium-grey, dark-grey to black etched, fg to	82941	202.5	204.00	1.5	93.22	4.69	1.28	0.17	0.33	40	807	41
			vcg bioclasts, very poorly sorted, bioclasts include abundant crinoid stems and	82942	204.0	205.50	1.5	87.12	11.88	0.57	0.15	0.12	50	219	55
			ossicles, common indeterminate shell fragments, minor colonial coral and	82943	205.5	207.00	1.5	84.15	15.36	0.32	0.14	0.15	37	114	50
			stromatoporoid fragments, dolomite present as fine-grained mottles, randomly	82944	207.0	208.50	1.5	95.29	4.18	0.15	0.08	0.08	25	88	35
			distributed throughout, overall dolomite between 10-30%, very good reaction with HCl	82945	208.5	210.00	1.5	92.83	6.76	0.26	0.12	0.10	42	194	43
				82946	210.0	211.50	1.5	90.76	9.33	0.21	0.13	0.10	29	74	47
			Carb Mdst: black, carbonaceous, argillaceous, very thin interbeds, siliceous, no	82947	211.5	213.00	1.5	79.66	19.52	0.38	0.15	0.20	64	310	47
			reaction with HCl	82948	213.0	214.50	1.5	83.05	16.95	0.20	0.11	0.12	44	163	48
				82949	214.5	216.00	1.5	87.90	10.10	0.93	0.24	0.51	52	1291	39
			Structure: overall minor calcite veining (<2%), minor fractures	82950	216.0	217.50	1.5	93.36	6.55	0.17	0.11	0.10	18	71	39
				82951	217.5	218.42	0.9	86.88	9.75	2.02	0.12	0.16	103	262	53
			Texture: minor brecciation from 213.45-213.80, vuggy from 212.73-213.25												
			202.55-202.57, 202.93-203.00, 203.29-203.30, 203.87-203.89, 207.24- 207.25,												
			211.90-211.99, 215.79-215.82: carb mdst, bedding mostly at 90^0 to CA												
			216.36-217.34: minor oxide alteration (rusty) along stylolites and minor												
			fractures												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-06***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			contact is gradational, increase in carb mdst beds (becomes predominantly carb mdst)												
218.42	227.37	8.95	CARBONACEOUS ARGILLACEOUS MUDSTONE (70%) WITH DOLOMITIC LIME	82952	218.42	220.00	1.58	85.28	8.77	3.28	0.30	0.79	126	2039	54
			WACKESTONE TO PACKSTONE (30%) INTERBEDS (Unit 1)	82953	220.00	221.50	1.50	79.64	10.06	5.34	0.62	1.43	129	4387	100
			Carb Mdst: black, sooty, carbonaceous, argillaceous, siliceous, bedding at 90^0 to	82954	221.50	223.00	1.50	79.35	8.68	5.46	0.60	1.42	138	4429	93
			CA, no reaction with HCl	82955	223.00	224.50	1.50	89.54	5.56	2.80	0.30	0.68	88	1937	71
				82956	224.50	226.00	1.50	72.32	11.97	7.96	0.72	1.79	169	5728	124
			Dolo Lm Wkst to Pkst: light-grey to medium-grey, dark-grey to black etched, mg	82957	226.00	227.37	1.37	70.34	15.17	6.70	0.64	1.67	156	5353	134
			to cg bioclasts, very poorly sorted, bioclasts include shell fragments, crinoids												
			Structure: less than 5% calcite as veining and bioclast replacement, very minor												
			fractures, graphitic partings common												
			222.72-222.88: micro-faulting (0.5 cm displacement parallel to CA)												
			Alteration: dolomite present as mottling and finely disseminated throughout lm wkst												
			to pkst interbeds (<5%)												
227.37	241.16	13.79	DOLOMITIC LIME PACKSTONE BRECCIA WITH CARBONACEOUS MUDSTONE	82958	227.37	229.00	1.63	93.40	4.75	1.00	0.14	0.19	65	542	73
			AND LIME WACKESTONE CLASTS (Unit 2)	82959	229.00	230.73	1.73	83.28	14.37	1.27	0.18	0.36	73	1047	82
			light-grey to medium-grey, tan to light-grey etched, very poorly sorted, fg to vcg	82960	229.00	230.73	1.73	81.14	15.90	1.84	0.20	0.40	82	1168	96
			bioclasts, bioclasts include abundant shell fragments, brachiopods, colonial coral	82961	230.73	232.00	1.27	90.49	6.44	1.78	0.18	0.24	112	684	101
			and stromatoporoid fragments, overall very fossiliferous interval, competent, strong	82962	232.00	233.70	1.70	89.44	8.20	1.07	0.14	0.31	64	888	72
			reaction with HCl	82963	233.70	235.20	1.50	97.13	1.82	0.47	0.07	0.06	45	158	55
				82964	235.20	236.70	1.50	73.40	24.85	0.83	0.25	0.31	130	862	98
			Dolo Lm Pkst: dolomite present as mottles (30-50%), moderate reaction with HCl	82965	236.70	238.20	1.50	78.66	19.43	0.76	0.23	0.28	122	799	100
				82966	238.20	239.70	1.50	69.75	27.28	1.89	0.22	0.32	136	812	115
			Mdst clasts: very angular, no reaction with HCl	82967	239.70	241.16	1.46	71.98	25.88	1.07	0.26	0.40	115	726	103
			Lm Wkst clasts: light grey to medium-grey, bordered by carbonaceous rims, crinoid-												
			rich, minor shell fragments, poorly sorted, minor dolomite mottling (<1%), strong												
			reaction with HCl												
			Structure: rare fractures with calcite-fill (<1%), minor carbonaceous stylolites												
			231.80-231.90: thick white calcite vein												
			contact is sharp, dro in carbon content below, ore unit below, waste above												
241.16	252.07	10.91	LIME BOUNDSTONE (STROMATOPOROID-COLONIAL CORAL-RICH) (Unit 2)	82968	241.16	242.50	1.34	96.99	2.26	0.10	0.11	0.06	55	135	69
			light-grey, light-grey to medium-grey etched, fg-vcg, bioclasts include abundant	82969	242.50	244.00	1.50	97.86	1.42	0.09	0.10	0.05	57	114	71
			stromatoporoids, colonial corals, minor shell fragments and crinoids, competent,	82970	244.00	245.50	1.50	98.57	0.86	0.17	0.12	0.05	47	103	71
			minor brachiopods, reefal porosity infill with calcite common, very strong reaction	82971	245.50	247.00	1.50	98.07	1.63	0.11	0.09	0.05	56	109	69
			with HCl	82972	247.00	248.50	1.50	98.32	1.42	0.12	0.12	0.05	69	110	72
				82973	248.50	250.00	1.50	97.86	0.94	0.88	0.05	0.04	74	79	67
			Structure: isolated carbonaceous mdst beds, minor calcite veinlets (<2%), minor	82974	250.00	251.00	1.00	97.91	0.82	1.26	0.11	0.06	57	120	97
			fractures, very minor carbonaceous stylolites	82975	251.00	252.07	1.07	95.38	4.48	0.14	0.06	0.07	65	176	57
			Alteration: very minor dolomite in carbonaceous stylolites, overall low carbon and												
			low dolomite content												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014*

Hole No: *PAT14-06*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			247.90-248.20: colonial coral bdst 252.00-252.07: minor siderite mottling (<2%)												
			252.07 m = EOH												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*
Project: *Giscome 2014*
Hole No: *PAT14-07*

Dip Tests							
Depth	Angle	Claim:	*PAT*	UTM Co-ordinates (NAD83)		Date Started:	*Mar-07/14*
		Bearing:	*360°*	Easting (m):	*546552.6*	Date Finished:	*Mar-08/14*
		Inclination:	*-75.0°*	Northing (m):	*5989610.9*	Date Logged:	*Mar. 8-9/14*
		Province:	*BC*	Elevation (m):	*719.4*	Logged By:	*K. Krueger*

Core Size: *NQ*
Casing: *9.14 m*
Total Depth: *151.49 m*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
0.00	9.14	9.14	Casing - overburden												
9.14	21.71	12.57	CARBONACEOUS DOLOMITIC MUDSTONE BRECCIA WITH STRONG CALCITE	82614	15.71	17.21	1.50	90.40	1.30	4.33	0.98	1.75	75	5210	182
			VEINING (Unit 4)	82615	17.21	18.71	1.50	84.72	4.83	6.53	0.79	1.68	79	5472	208
			Matrix: medium-grey lmst, vfg, strongly bleached, strong calcite veining, moderate	82616	18.71	20.21	1.50	91.58	1.05	4.61	0.51	1.18	61	3497	149
			reaction with HCl	82617	20.21	21.71	1.50	71.30	1.23	15.91	1.25	2.53	151	10352	264
			Clasts: strongly dolomitic mdst, dark-grey to black, black etched, vfg, weak reaction with HCl												
			overall very broken up, very brecciated throughout,minor recognizable carbonaceous stylolites, 30-50% calcite veining												
			16.90-17.15: fault zone? Limonite, fault gouge, yellow-orange unconsolidated mud												
			contact is gradational, gradual decrease in carbon content with depth												
21.71	32.61	10.90	LIME MUDSTONE WITH STRONG CALCITE VEINING (Unit 4)	82618	21.71	23.21	1.50	89.58	1.00	6.13	0.52	1.36	85	3996	102
			light-grey to medium-grey, light-grey to tan etched, micritic, moderate carbonaceous	82619	23.21	24.71	1.50	97.70	0.84	0.6	0.13	0.20	27	490	79
			stylolites, no visible bioclasts, competent, strong reaction with HCl	82620	23.21	24.71	1.50	97.38	1.51	0.38	0.10	0.13	26	287	71
				82621	24.71	26.21	1.50	98.91	0.65	0.13	0.10	0.06	24	121	72
			Structure: strong calcite veining throughout	82622	26.21	27.71	1.50	98.79	0.71	0.10	0.13	0.06	30	136	78
				82623	27.71	29.21	1.50	98.27	0.79	0.57	0.09	0.07	28	144	85
			29.16-29.29: orange clay in open fractures, fault gouge?	82624	29.21	30.71	1.50	97.59	1.53	0.36	0.12	0.19	28	406	78
			29.57-31.04: strongly bleached, intense calcite veining	82625	30.71	31.71	1.00	92.06	0.92	4.38	0.45	1.10	67	3531	127
			31.04-31.19: black carbonaceous mud, unconsolidated mud, fault gouge?	82626	31.71	32.61	0.90	97.86	0.75	0.56	0.14	0.23	43	581	42
32.61	36.51	3.90	CARBONACEOUS LIME WACKESTONE TO PACKSTONE WITH DOLOMITE MOTTLING	82627	32.61	34.61	2.00	98.24	0.75	0.31	0.10	0.17	28	436	33
			MOTTLING AND BRECCIATION (Unit 4)	82628	34.61	36.51	1.90	97.65	1.07	0.48	0.15	0.19	30	521	40
			medium-grey, dark-grey etched, mg to cg bioclasts, vfg mud matrix, well-sorted, bioclasts include crinoid ossicles, crinoid stems, indeterminate shell fragments, moderate reaction with HCl												
			Structure: abundant calcite veining (20% overall, up to 80% locally), moderate carbonaceous stylolites throughout, calcite veins and stylolites are randomly oriented												
			Alteration: dolomit mottles overall <5%, locally 20-40%												
			Texture: moderately brecciated throughout												
			38.54-38.98: strongly bleached zone, abundant calcite veining												
			contact is gradational, gradual decrease in carbon content, more limey and less dolomite dolomite below contact												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-07***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
36.51	42.25	5.74	STRONGLY FRACTURED LIME MUDSTONE WITH CARBONACEOUS DOLOMITIC	82629	36.51	38.00	1.49	98.59	0.65	0.21	0.07	0.06	27	135	48
			MUDSTONE BRECCIA INTERBEDS (Unit 4)	82630	38.00	39.50	1.50	96.41	1.55	0.83	0.14	0.34	29	490	66
			Lm Mdst: medium-grey, medium tan-grey etched, micritic to minor mg crinoids,	82631	39.50	41.00	1.50	96.11	1.15	1.34	0.20	0.37	30	848	72
			competent, locally bleached, very strong reaction with HCl	82632	41.00	42.25	1.25	82.98	6.51	6.41	0.40	1.24	62	3320	81
			Carb Dolo Mdst Breccia: very dark-grey matrix, black etched matrix, very dark-grey mdst clasts, clasts are subangular, no visible bioclasts, locally argillaceous, strongly carbonaceous, siliceous, weak to moderate reaction with HCl												
			Structure: lm mdst has strong calcite veining (50-60% overall), lm mdst is moderately brecciated, mdst is strongly fractured, dolo mdst has moderate to locally strong calcite-healed fractures (20-60% overall), dolo mdst is strongly brecciated												
			Alteration: minor hematite along fractures throughout												
			Texture: lm mdst is moderately brecciated, dolo mdst is strongly brecciated throughout												
			36.51-38.03, 38.60-38.98, 39.67-40.78, 41.27-41.86: dolo carbonaceous stylolites throughout intervals												
			38.03-38.60, 38.98-39.67, 40.78-41.27: strongly carbonaceous												
			38.54-38.98: strongly bleached interval, abundant calcite												
			contact is sharp, with carbonaceous above and non-carbonaceous unit below												
42.25	53.19	10.94	MASSIVE DOLOMITIC MUDSTONE WITH STRONG CALCITE VEINING (Unit 3)	82633	42.25	43.75	1.50	63.52	32.82	2.21	0.30	0.76	147	866	77
			light-grey to medium-grey, light-grey etched, massive, competent, weak to moderate	82634	43.75	45.25	1.50	64.11	32.51	1.62	0.30	0.79	176	1682	66
			reaction with HCl (Unit 3)	82635	45.25	46.75	1.50	79.87	17.82	1.07	0.23	0.52	112	1123	48
				82636	46.75	48.25	1.50	70.25	27.64	1.27	0.24	0.60	141	1235	54
			Structure: strongly fractured with calcite infill	82637	48.25	49.75	1.50	95.29	4.06	0.39	0.09	0.21	26	56	56
				82638	49.75	51.25	1.50	96.00	3.14	0.61	0.12	0.30	34	82	58
			Alteration: dolomite appears to have completely altered original limestone	82639	51.25	53.19	1.94	95.40	4.29	0.39	0.08	0.21	27	99	79
			(80-90% dolomite)	82640	51.25	53.19	1.94	94.90	3.87	0.61	0.12	0.32	33	201	87
			Texture: moderately brecciated												
			48.66-52.70: moderate siderite staining, light-pink to orange, soft												
			contact is sharp, stylolitic (carbonaceous)												
53.19	56.22	3.03	STRONGLY FRACTURED LIME MUDSTONE WITH CARBONACEOUS DOLOMITIC	82641	53.19	54.50	1.31	97.81	1.11	0.25	0.06	0.13	22	253	59
			MUDSTONE BRECCIA INTERBEDS (Unit 2)	82642	54.50	56.22	1.72	96.79	1.42	0.35	0.08	0.18	40	363	34
			Lm Mdst: medium-grey, medium tan-grey etched, micritic to minor mg crinoids, competent, locally bleached, very strong reaction with HCl												
			Carb Dolo Mdst Breccia: very dark-grey matrix, black etched matrix, very dark-grey mdst clasts, clasts are subangular, no visible bioclasts, locally argillaceous, strongly carbonaceous, siliceous, weak to moderate reaction with HCl												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-07*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			Structure: lm mdst has strong calcite veining (50-60% overall), lm mdst is moderately brecciated, mdst is strongly fractured, dolo mdst has moderate to locally strong calcite-healed fractures (20-60% overall), dolo mdst is strongly brecciated												
			Alteration: minor hematite along fractures throughout												
			Texture: lm mdst is moderately brecciated, dolo mdst is strongly brecciated throughout												
			contact is sharp, lithology change												
56.22	59.17	2.95	NON-CARBONACEOUS CALCAREOUS DOLOMITIC MUDSTONE (Unit 2)	82643	56.22	57.72	1.50	99.36	0.67	0.12	0.06	0.05	32	72	28
			light-grey, medium-grey etched, cryptocrystalline to vfg, argillaceous, hard, siliceous?, very minor mg crinoids, moderate reaction with HCl	82644	57.72	59.17	1.45	96.83	2.74	0.08	0.06	0.05	20	51	27
			Structure: minor stylolites, minor calcite veining, randomly oriented												
			Alteration: minor hematite along stylolites												
59.17	61.91	2.74	CALCAREOUS DOLOMITIC WACKESTONE TO PACKSTONE (Unit 2)	82645	59.17	60.67	1.50	70.29	28.91	0.34	0.06	0.11	51	59	34
			light-tan to light-grey, light tan-grey etched (very rough sandy etched), mg to cg bioclasts, bioclasts include crinoid ossicles, crinoid stems, minor cg indeterminate shell fragments, well-sorted, isolated intervals are slightly recognizable wkst to pkst, weak reaction with HCl	82646	60.67	61.91	1.24	79.73	19.62	0.22	0.08	0.10	46	60	34
			Structure: moderate calcite veining, moderately fractured												
			Alteration: dolomite up to 80% locally (overall 60%), dolomite present as bioclast replacement and strong mottling throughout, isolated intervals are slightly recognizable wkst to pkst, but most has been strongly altered												
			61.91: slickenlines present, fault?												
			contact is sharp, intense dolomitization above, no dolomite below, start of rubbly interval,												
61.91	73.57	11.66	LIME MUDSTONE TO WACKESTONE (Unit 2)	82647	61.91	63.00	1.09	98.86	0.88	0.16	0.05	0.08	27	123	29
			light-grey to medium-grey, light-grey to medium-grey etched, mg to cg bioclasts,	82648	63.00	64.50	1.50	98.86	0.96	0.13	0.08	0.07	23	93	37
			bioclasts include peloids, ooids?, crinoid ossicles, crinoid stems, minor indeterminate	82649	64.50	66.00	1.50	98.74	0.84	0.19	0.12	0.10	23	174	44
			shell fragments, moderate to strong reaction with HCl	82650	66.00	67.75	1.75	98.50	1.03	0.28	0.12	0.12	30	142	43
				82651	67.75	69.25	1.50	98.50	0.77	0.48	0.14	0.26	31	351	44
			Structure: weak calcite veining throughout	82652	69.25	70.75	1.50	97.90	0.92	0.53	0.19	0.29	39	646	40
				82653	70.75	72.25	1.50	97.93	0.79	0.55	0.20	0.30	45	839	39
			Texture: minor local brecciation	82654	72.25	73.57	1.32	99.20	0.59	0.2	0.10	0.12	29	295	38
			61.91-63.29: rubbly interval, possible fault zone, slickenlines visible												
			68.00-69.30: vuggy interval, interval has orange iron-rich clay infilling vugs and present as fg subangular concretions, possible siderite?, fault gouge?												
			contact is sharp, intense dolomite alteration below												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-07***

From m	To m	Tkns m	Description
73.57	75.40	1.83	MASSIVE DOLOMITIC MUDSTONE (Unit 2)
			light-grey, light-grey etched, massive, etches very sandy, very cg, competent,
			weak reaction with HCl
			Structure: moderately fractured, moderate calcite veining at 56^0 to CA
			Alteration: cg dolomite mottling throughout, appears to be complete alteration of
			original lmst (80-90% dolomite overall), mottles and bioclast replacement
			contact is sharp, with no dolomite alteration below
75.40	104.61	29.21	STROMATOPOROID-RICH LIME BOUNDSTONE WITH LIME PACKSTONE
			INTERBEDS (Unit 2)
			Bdst: light-grey to tan, tan etched, fairly competent, bioclasts include abundant
			stromatoporoids, colonial corals?, moderate calcite present as porosity infill of reefal
			structure
			Pkst: light-grey to medium-grey, medium-grey etched, fg to cg bioclasts, bioclasts
			include crinoid stems and ossicles, brachiopods, peloids and pelecypods (bivalves),
			poorly sorted, competent zones throughout
			Structure: very minor to moderate local calcite veining, moderate carbonaceous
			stylolites
			Alteration: minor localized dolomite mottling in pkst unit
			Texture: local isolated vugs (open)
			75.48-75.90: iron-rich stylolites (deep orange colour), irregular orientation
			77.00-77.35: fault?, gouge and slickenlines visible, rubbly, orange
			unconsolidated clay present
			77.68: white calcite vein
			78.70-81.38: siderite bands up to 1 cm thick (overall <2%), orange in colour
			84.50-84.55, 89.27-89.50: minor dolomite mottling
			92.91-92.97: large white calcite vein
			96.36-99.06: moderately vuggy interval
			100.83-101.39: lm pkst interbed
			contact is sharp, stylolitic, high dolomite content below contact
104.61	130.18	25.57	LIME WACKESTONE TO PACKSTONE WITH CARBONACEOUS DOLOMITIC
			MUDSTONE INTERBEDS (Unit 2-1 transition)
			Wkst to Pkst: medium-grey, dark-grey etched, micritic to vcg bioclasts, bioclasts
			include abundant shell fragments, brachiopods, crinoids ossicles and stems, overall
			very competent, very poorly-sorted, mdoerate reaction with HCl
			Carb Dolo Mdst: dark-grey to black, black etched, fg, weak reaction with HCl
			Structure: carb dolo mdst has moderate carbonaceous stylolites, minor calcite
			veining throughout, majority of calcite veins oriented at 40^0 to CA

Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
82655	73.57	75.40	1.83	83.42	16.21	0.14	0.08	0.08	43	140	46
82656	75.40	77.00	1.60	98.11	0.92	0.28	0.09	0.15	36	352	42
82657	77.00	78.50	1.50	98.54	0.71	0.19	0.07	0.11	38	162	48
82658	78.50	80.00	1.50	99.11	0.59	0.05	0.05	0.04	36	59	42
82659	80.00	81.50	1.50	98.97	0.63	0.06	0.05	0.05	45	73	43
82660	80.00	81.50	1.50	98.86	0.67	0.06	0.06	0.05	38	71	43
82661	81.50	83.00	1.50	98.79	0.69	0.06	0.06	0.04	35	66	43
82662	83.00	84.50	1.50	99.00	0.65	0.06	0.07	0.05	36	74	42
82663	84.50	86.00	1.50	97.65	1.76	0.08	0.07	0.05	41	93	45
82664	86.00	87.50	1.50	99.23	0.65	0.08	0.06	0.05	39	78	43
82665	87.50	89.00	1.50	98.52	1.11	0.07	0.04	0.05	54	95	41
82666	89.00	90.50	1.50	98.02	1.34	0.05	0.06	0.04	39	63	43
82667	90.50	92.00	1.50	99.38	0.59	0.04	0.04	0.04	33	57	40
82668	92.00	93.50	1.50	99.45	0.67	0.08	0.05	0.06	337	82	38
82669	93.50	95.00	1.50	99.00	0.63	0.08	0.06	0.06	36	100	40
82670	95.00	96.50	1.50	98.86	0.67	0.12	0.07	0.08	45	134	44
82671	96.50	98.00	1.50	98.75	0.61	0.19	0.09	0.11	40	176	43
82672	98.00	99.50	1.50	99.06	0.61	0.12	0.07	0.07	37	108	43
82673	99.50	101.00	1.50	99.13	0.67	0.11	0.06	0.07	37	141	43
82674	101.00	102.80	1.80	98.65	0.98	0.12	0.09	0.07	46	148	50
82675	102.80	104.61	1.81	98.07	1.49	0.11	0.11	0.07	38	125	49
82676	104.61	106.00	1.39	92.61	6.61	0.50	0.09	0.13	53	215	48
82677	106.00	107.50	1.50	79.23	18.43	1.38	0.25	0.50	101	1114	61
82678	107.50	109.00	1.50	98.36	1.21	0.16	0.04	0.05	47	94	39
82679	109.00	110.50	1.50	98.29	1.44	0.12	0.04	0.05	40	99	37
82680	110.50	112.00	1.50	95.86	3.35	0.21	0.08	0.08	60	199	43
82681	112.00	113.50	1.50	85.49	11.92	1.31	0.18	0.51	72	1441	49
82682	113.50	115.00	1.50	96.38	2.76	0.45	0.07	0.12	39	297	37
82683	115.00	116.50	1.50	98.47	1.32	0.31	0.08	0.09	36	219	34
82684	116.50	118.00	1.50	97.61	1.40	0.51	0.15	0.23	51	614	35
82685	116.50	118.00	1.50	98.00	1.03	0.57	0.14	0.23	56	647	34

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-07***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			Alteration: wkst to pkst has moderate dolomite finely disseminated throughout and	82686	118.00	119.50	1.50	98.74	0.92	0.20	0.07	0.06	49	136	37
			in mottles (<5% overall)	82687	119.50	121.00	1.50	93.56	4.81	0.60	0.14	0.27	61	735	42
				82688	121.00	122.50	1.50	96.52	2.55	0.49	0.09	0.14	42	360	41
			112.74-113.04: very broken up, carb mdst bed	82689	122.50	124.00	1.50	96.43	2.68	0.58	0.08	0.16	41	430	38
			114.91-115.84: stromatoporoid fragments abundant	82690	124.00	125.50	1.50	99.02	0.96	0.09	0.05	0.04	33	81	35
			121.56-123.29, 124.23-124.84: stromatoporoid-rich lm bdst intreval with	82691	125.50	127.00	1.50	90.03	8.18	0.83	0.19	0.34	71	936	45
			minor carbonaceous stylolites, moderate calcite porosity infill	82692	127.00	128.50	1.50	89.95	7.76	1.26	0.26	0.42	73	1054	48
				82693	128.50	130.18	1.68	97.70	1.88	0.21	0.12	0.07	45	164	42
			contact is gradational, carb dolo mdst interbeds become more frequent with depth												
130.18	139.29	9.11	STRONGLY CARBONACEOUS DOLOMITIC MUDSTONE WITH LM PKST	82694	130.18	131.50	1.32	90.08	5.67	2.56	0.43	0.86	93	2431	61
			INTERBEDS (Unit 1)	82695	131.50	133.00	1.50	92.35	7.07	0.16	0.13	0.09	49	185	46
			Carb Dolo Mdst: dark-grey to black, black etched, vfg, argillaceous, beds from 1 cm	82696	133.00	134.50	1.50	85.15	13.33	0.70	0.23	0.37	68	891	58
			to 10 cm thick, weak reaction with HCl	82697	134.50	136.25	1.75	83.81	10.42	3.38	0.45	0.81	96	2234	65
				82698	136.25	138.00	1.75	84.94	8.66	3.79	0.47	0.92	88	2477	78
			Lm Pkst: light-grey, medium-grey etched, very poorly sorted, fg to vcg bioclasts,	82699	138.00	139.29	1.29	96.00	2.76	0.84	0.12	0.18	40	495	41
			bioclasts include crinoid ossicles and stems, indeterminate shell fragments,												
			bioclasts are calcite-replaced, very strong reaction with HCl												
			Structure: overall minor calcite veining, moderate carbonaceous stylolites throughout												
			Alteration: dolomite mottles throughout (locally up to 80%, overall 10-20%)												
			Texture: minor local vuggy intervals, minor localized brecciated intervals												
			131.85-133.20: minor vugs with orange clay infill												
			133.30-135.25: strongly brecciated lm pkst interval, strongly bleached												
			135.36-136.33: 95% dolo mdst beds (very carbonaceous)												
			contact is gradational, becomes less bioclast-rich with depth												
139.29	151.49	12.20	STRONGLY CARBONACEOUS DOLOMITIC MUDSTONE WITH DOLOMITIC LIME	82700	139.29	140.50	1.21	97.20	1.86	0.41	0.16	0.20	34	554	40
			MUDSTONE TO WACKESTONE INTERBEDS (Unit 1)	82701	140.50	142.00	1.50	96.75	2.24	0.42	0.14	0.20	50	591	41
			Carb Dolo Mdst: dark-grey to black, black etched, vfg, argillaceous, siliceous, beds	82702	142.00	143.50	1.50	89.74	6.28	1.72	0.30	0.71	96	2174	56
			range from 1 mm to 20 cm thick, weak reaction with HCl	82703	143.50	145.00	1.50	94.58	3.66	0.75	0.16	0.24	59	554	40
			Lm Mdst to Wkst: medium-grey, dark-grey etched, vfg to cg bioclasts, bioclasts												
			include crinoid ossicles and stems, indeterminate shell fragments, colonial coral												
			fragments, strong reaction with HCl												
			Structure: minor calcite veining, minor fractures												
			Alteration: dolomite is finely disseminated in carb dolo mdst interbeds (primary?),												
			very minor disseminated dolomite in lm mdst to wkst interbeds												
			139.32-139.40: large thick white calcite vein												
			144.28-148.54: 1m thick pkst interbed, very limey and grainy, strong calcite												
			veining, bioclasts include crinoids, shells, well-sorted, fg to mg bioclasts,												
			strongly brecciated												
			151.49m = EOH												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** | **Hole No:** ***PAT14-08***

Dip Tests								
Depth	**Angle**	**Claim:**	***PAT***	**UTM Co-ordinates (NAD83)**		**Date Started:**	***Mar-08/14***	**Core Size:** ***HQ***
		Bearing:	***360°***	**Easting (m):**	***546396.0***	**Date Finished:**	***Mar-09/14***	**Casing:** ***9.14 m***
		Inclination:	***-70.0°***	**Northing (m):**	***5989596.0***	**Date Logged:**	***Mar. 10-12/14***	**Total Depth:** ***154.53 m***
		Province:	***BC***	**Elevation (m):**	***711.0***	**Logged By:**	***B. Ulry, K. Krueger***	

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
0.00	9.14	9.14	Casing - overburden												
9.14	31.27	22.13	CARBONACEOUS LIME MUDSTONE WITH LIME WACKESTONE TO PACKSTONE	82704	9.14	11.28	2.14	93.90	4.10	1.00	0.11	0.21	96	524	33
			INTERBEDS (Unit 5)	82705	11.28	13.00	1.72	93.18	4.06	1.90	0.14	0.27	89	681	38
			Carb Lm Mdst: medium-grey to dark-grey, dark-grey to black etched, moderate	82706	13.00	14.50	1.50	91.26	3.24	3.59	0.24	0.75	110	2143	61
			sorting, vfg to mg, minor fg bioclasts, bioclasts include crinoids	82707	14.50	16.00	1.50	97.04	1.19	0.98	0.11	0.28	104	557	36
				82708	16.00	17.50	1.50	96.68	0.88	1.83	0.09	0.11	69	274	38
			Lm Wkst to Pkst: medium-grey, dark-grey to black etched, poorly sorted, fg matrix,	82709	17.50	19.00	1.50	97.54	0.90	0.55	0.14	0.26	79	637	34
			cg bioclasts bioclasts include shell fragments (<1 cm) and crinoid ossicles, star-	82710	19.00	20.50	1.50	97.99	0.96	0.29	0.10	0.15	94	361	26
			shaped crinoid, moderate reaction with HCl	82711	20.50	22.00	1.50	98.45	0.92	0.25	0.11	0.12	80	293	28
				82712	22.00	23.50	1.50	98.50	0.77	0.21	0.09	0.06	80	140	30
			Structure: moderately stylolitic, argillaceous banding common, 10% calcite veins	82713	23.50	25.00	1.50	96.84	2.57	0.20	0.09	0.09	72	170	29
			and veinlets	82714	25.00	26.50	1.50	90.69	8.08	0.59	0.14	0.23	116	357	43
				82715	26.50	28.00	1.50	98.27	0.84	0.25	0.10	0.12	73	261	33
			Texture: argillaceous, minor brecciated zones resulting from calcite veining?	82716	28.00	29.50	1.50	88.06	10.02	0.76	0.19	0.31	109	655	45
				82717	29.50	31.27	1.77	88.70	7.05	1.82	0.25	0.60	103	1612	62
			32.70-33.30: stromatoporoid-colonial coral bdst												
			11.94-14.19, 18.72-22.99, 28.80-31.27: argillaceous carb lm mdst												
			contact is sharp, stylolitic at 55^0 to CA												
31.27	41.40	10.13	LIME WACKESTONE TO PACKSTONE BRECCIA WITH MODERATE	82718	31.27	32.77	1.50	96.59	0.88	1.73	0.11	0.07	90	167	43
			CARBONACEOUS STYLOLITES (Unit 4-5 transition)	82719	32.77	34.00	1.23	98.99	0.82	0.13	0.11	0.05	61	102	36
			medium-grey to dark grey, dark-grey to black etched, very poorly sorted, fg matrix,	82720	32.77	34.00	1.23	97.09	0.86	1.83	0.07	0.05	75	109	29
			pebble/cobble sized clasts, bioclasts include shell fragments (<2 cm) and crinoid	82721	34.00	35.50	1.50	98.93	0.84	0.09	0.07	0.04	63	90	25
			ossicles, breccia clasts are <6 cm, clasts are angular to sub-rounded (may be rip-up	82722	35.50	37.00	1.50	98.15	0.88	0.09	0.06	0.05	65	88	26
			clast brecciation zone and not structure origin?)	82723	37.00	38.50	1.50	98.20	1.17	0.24	0.07	0.07	83	152	27
				82724	38.50	40.00	1.50	97.00	1.19	0.83	0.11	0.28	82	743	29
			Structure: calcite veinlets (5%), modeately stylolitic with most stylolites oriented at	82725	40.00	41.40	1.40	98.29	0.79	0.54	0.07	0.04	58	80	34
			45^0 to CA												
			Texture: interbedded stylolitic breccia with minor argillaeous ands												
			contact is sharp at possible fault contact at 15^0 to CA												
41.40	54.18	12.78	LIME WACKESTONE TO PACKSTONE (Unit 4)	82726	41.40	43.00	1.6	98.75	0.73	0.14	0.08	0.07	61	148	36
			light-grey to medium-grey, medium-grey etched, moderate to poorly sorted, vfg	82727	43.00	44.50	1.5	98.79	0.69	0.12	0.06	0.07	62	135	30
			matrix, cg bioclasts, bioclasts include large shell fragments (<5 cm) and minor coral	82728	44.50	46.00	1.5	98.20	0.61	0.41	0.08	0.20	123	450	27
			fragments, strong reaction with HCl	82729	46.00	46.88	0.9	98.38	0.61	0.52	0.08	0.18	56	421	31
				83031	46.88	47.19	0.3	98.52	0.87	0.16	0.04	0.43	381	112	<0.01
			Structure: moderate calcite veining (5-10%), very minor carbonaceous stylolites	82730	47.19	49.00	1.8	98.61	0.73	0.33	0.07	0.10	56	227	28
				82731	49.00	50.50	1.5	96.79	0.65	1.84	0.05	0.06	95	120	33
			Texture: minor brecciated zones (clasts <2 cm)	82732	50.50	52.00	1.5	98.36	0.71	0.15	0.06	0.08	58	171	23
				82733	52.00	53.00	1.0	96.63	0.71	1.78	0.07	0.21	86	498	30
			42.00-44.81: bleached lime pkst with intense calcite veining	82734	53.00	54.18	1.2	97.81	0.67	0.98	0.07	0.08	58	136	34

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014* **Hole No:** *PAT14-08*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			44.81-46.14: calcite lime pkst breccia (fault? associated)												
			contact is sharp, stylolitic at 45° to CA												
54.18	56.20	2.02	LIME PACKSTONE BRECCIA WITH MODERATE CARBONACEOUS STYLOLITES	82735	54.18	55.18	1.00	98.07	0.77	0.28	0.12	0.11	62	184	48
			(Unit 4)	82736	55.18	56.20	1.02	98.34	0.65	0.25	0.07	0.05	47	99	33
			medium-grey to dark-grey, dark-grey etched, very poorly sorted, fg to cg matrix, fg												
			to cg bioclasts, bioclasts include abundant shell fragments and crinoid ossicles,												
			strong reaction with HCl												
			Structure: moderate calcite veinlets (10%)												
			contact is sharp, stylolitic and decrease in carbon content below												
56.20	66.63	10.43	LIME WACKESTONE TO PACKSTONE (Unit 4)	82737	56.20	57.50	1.3	98.77	0.63	0.13	0.08	0.04	62	97	38
			light-grey to medium-grey, medium-grey etched, well sorted, fg to cg bioclasts,	82738	57.50	59.00	1.5	96.47	0.75	1.55	0.12	0.21	71	563	42
			bioclasts include crinoid ossicles and stems, minor shell fragments, bioclasts are	82739	59.00	60.50	1.5	98.73	0.56	0.30	0.07	0.05	57	95	36
			calcite-replaced, minor coral fragments, no bedding visible, very strong reaction	82740	59.00	60.50	1.5	98.72	0.59	0.29	0.07	0.04	62	72	35
			with HCl	82741	60.50	62.00	1.5	99.25	0.54	0.08	0.12	0.03	35	39	43
				82742	62.00	63.50	1.5	99.22	0.56	0.03	0.08	0.03	45	38	28
			Structure: overall 20-30% calcite veining randomly oriented, no stylolites in this interval	82743	63.50	65.00	1.5	98.70	0.52	0.69	0.08	0.03	70	41	32
				82744	65.00	66.50	1.5	99.57	0.46	0.04	0.06	0.03	40	30	22
			Texture: minor vuggy intervals (small open vugs)												
			60.42-60.51: large calcite vein at 50° to CA												
			60.88-60.99: large calcite vein at 50° to CA												
			63.92-64.12: rubbly, broken up interval												
			contact is sharp, brecciatoin begins and significant increase in carbon content												
66.63	82.90	16.27	INTERBEDDED LIMESTONE BRECCIA WITH CARBONACEOUS LIME	82745	66.50	68.00	1.50	98.11	0.84	0.23	0.07	0.09	52	147	20
			PACKSTONE BRECCIA (Unit 3)	82746	68.00	69.50	1.50	96.81	1.53	0.61	0.15	0.29	51	672	32
			Lmst Breccia: light-grey, medium-grey etched, may have been a lime bdst before	82747	69.50	71.00	1.50	95.11	3.58	0.52	0.14	0.19	62	429	38
			brecciation, bioclasts include crinoid ossicles and stems, colonial coral fragments,	82748	71.00	72.50	1.50	92.27	5.88	0.95	0.12	0.20	63	402	38
			stromatoporoid fragments, calcite porosity infill in coral bdst intervals, clasts are sub-	82749	72.50	74.00	1.50	97.58	0.92	0.54	0.10	0.13	38	283	30
			angular and limey, matrix is medium-grey lm mdst, strongly brecciated throughout,	82750	74.00	75.50	1.50	97.88	0.94	0.32	0.12	0.16	41	343	34
			moderately stylolitic, moderate calcite veining, moderate to strong reaction with HCl	82751	75.50	77.00	1.50	96.34	1.55	0.85	0.17	0.42	47	1091	37
				82752	77.00	78.50	1.50	95.90	1.61	0.90	0.18	0.42	54	1043	41
			Carb Lm Pkst Breccia: dark-grey to black mud matrix, black etched, vfg matrix to cg	82753	78.50	80.00	1.50	94.88	2.97	0.84	0.20	0.30	56	792	51
			bioclasts, biolclasts include crinoid ossicles, shell fragments, colonial coral and	82754	80.00	81.50	1.50	92.97	5.94	0.42	0.15	0.21	61	463	49
			stromatoporoid fragments, sorted very poorly, over 50% of clasts are sub-rounded	82755	81.50	82.90	1.40	82.28	15.88	0.74	0.19	0.31	78	522	61
			(rip-up clasts rather than structurally-created clasts?), minor gastropods, 50% of												
			clasts are very angular, so may be structural brecciation, moderate calcite veining												
			at random orientations, strong reaction with HCl												
			Structure: very mionr carbonaceous stylolites, minor graphitic partings												
			68.70-68.74: large open vug												
			69.60-70.61: sub-rounded to rounded clasts predominantly												
			72.47-72.50: large calcite vein at 60° to CA												
			72.58-72.62: large calcite vein at 62° to CA												

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-08***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			76.56-76.58: large gastropod (calcite-replaced) well preserved												
			79.88-80.50: bleached zone (lm pkst), strong calcite veining randomly oriented												
			contact is sharp, drop in carbon content below and significant bleaching												
82.90	93.12	10.22	STROMATOPOROID-COLONIAL CORAL RICH LIME BOUNDSTONE WITH	82756	82.90	84.50	1.60	98.04	0.92	0.71	0.07	0.08	48	121	73
			STRONG CALCITE VEINING (Unit 2)	82757	84.50	86.00	1.50	93.18	5.36	1.00	0.12	0.29	50	297	58
			light-grey, light-grey to medium-grey etched, bioclasts include abundant	82758	86.00	87.50	1.50	98.91	0.73	0.14	0.08	0.06	34	113	37
			stromatoporoids and colonial corals with minor crinoid fragments and peloids,	82759	87.50	89.00	1.50	98.97	0.63	0.07	0.05	0.05	27	86	28
			calcite present as reefal porosity in-fill, overall competent, very strong reaction	82760	87.50	89.00	1.50	99.40	0.63	0.07	0.07	0.04	25	76	30
			with HCl	82761	89.00	90.50	1.50	99.40	0.65	0.04	0.06	0.04	29	56	29
				82762	90.50	92.00	1.50	99.57	0.65	0.05	0.06	0.04	30	65	32
			Alteration: no evidence of dolomitization	82763	92.00	93.12	1.12	99.04	0.69	0.09	0.08	0.05	31	71	42
			82.82-83.34: very strong calcite veining												
			83.34-83.48, 85.59-85.90: strong carbonaceous stylolites, random orientation,												
			brecciated												
			83.64-84.02: very strong calcite veining, moderately brecciated												
			84.05-84.98: moderate carbonaceous stylolites, moderatly brecciated interval												
			85.51-85.59: large thick white calcite vein												
			88.46-88.50: thick calcite vein with minor hematitic stylolites												
			contact is gradational, fractured fault zone below, last 5 cm of previous interval is weakly												
93.12	97.98	4.86	FRACTURED AND BRECCIATED STROMATOPOROID-COLONIAL CORAL RICH	82764	93.12	94.12	1.00	98.16	0.73	0.36	0.14	0.17	26	228	65
			LIME BOUNDSTONE (Unit 2)	83032	94.12	94.41	0.29	95.97	2.79	0.66	0.14	0.53	293	68	12
			light-grey, light-grey to medium-grey etched, bioclasts include stromatoporoids and	82765	94.41	95.41	1.00	97.25	1.65	0.54	0.11	0.22	22	141	81
			colonial corals, possibly peloids but difficult to distinguish, strong reaction with HCl	82766	95.41	96.50	1.09	98.45	0.79	0.17	0.10	0.09	20	38	44
				82767	96.50	97.98	1.48	93.92	4.98	0.78	0.11	0.08	42	50	68
			Structure:fractured strongly, strong calcite veining throughout, no evidence of faulting,												
			no evidence of movement, minor carbonaceous stylolites overall												
			Alteration: moderate rusty-orange clay infilling fractures												
			94.71-95.20: strong carbonaceous stylolites												
			97.36-97.95: strong siderite banding/alteration (Fe-rich interval)												
			contact is sharp, lithology change												
97.98	101.07	3.09	LIME WACKESTONE TO PACKSTONE (WEAKLY BRECCIATED) (Unit 2)	82768	97.98	99.67	1.69	98.09	1.19	0.27	0.12	0.15	45	275	54
			light-grey, light-grey etched, poorly sorted, vfg to cg bioclasts, bioclasts include	82769	99.67	101.07	1.40	95.65	3.08	0.38	0.13	0.22	32	507	38
			crinoids, shell fragments (minor), coral fragments (minor), strong reaction with HCl												
			Structure: minor hematitic stylolites, randomly oriented												
			Texture: minor hematitic stylolites randomly oriented throughout												
			97.98-99.04: strong calcite veining, random orientation												
			97.98-99.04: moderately brecciated zone												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014*

Hole No: *PAT14-08*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			98.47-99.04: moderately fractured, in-filled with Fe-rich orange clay, rubbly												
			interval (Fault gouge?)												
			99.04-101.07: weak calcite veining, predominantly oriented at 50^0 to CA												
			contact is gradational, becomes increasingly carbonaceous												
101.07	103.28	2.21	CARBONACEOUS LIME WACKESTONE TO PACKSTONE (Unit 2)	82770	101.07	102.17	1.10	96.38	3.01	0.06	0.07	0.04	24	41	38
			medium-grey, dark-grey etched, well sorted to poorly sorted locally, fg to cg	82771	102.17	103.28	1.11	93.18	6.00	0.20	0.08	0.03	41	43	45
			bioclasts, bioclasts include crinoid ossicles and stems, shell fragments												
			(indeterminate), very strong reaction with HCl												
			Structure: minor calcite veining overall (<2%), minor carbonacous stylolites												
			102.72-102.85: large calcite vein with stylolites cross-cutting, minor brecciated												
			zone												
			contact is sharp, 0.5 cm calcite vein at 65^0 to CA												
103.28	107.35	4.07	LIME WACKESTONE TO PACKSTONE (Unit 2)	82772	103.28	104.67	1.39	98.22	0.61	0.31	0.10	0.18	33	368	44
			light-grey, medium-grey etched, well sorted, fg to mg bioclasts, bioclasts include	82773	104.67	106.25	1.58	94.95	0.82	1.73	0.55	0.96	66	1976	132
			crinoid ossicles and stems, indeterminate shell fragments, very strong reaction	82774	106.25	107.35	1.10	90.13	0.92	4.09	1.47	2.52	124	7374	191
			with HCl												
			Structure: very minor calcite veining												
			103.35-103.47: minor rusty oxide alteration along fractures (minor amount												
			of fractures overall)												
			104.67-107.35: fault zone, lm wkst is strongly brecciated, strong siderite												
			replacement of rounded clasts just below brecciated interval												
			104.67-106.18: strongly brecciated interval, strong presence of orange clay												
			fault gouge, vuggy, broken up core, strongly fractured												
			106.18-107.35: rounded clasts, replace with orange soft Fe-rich clay												
			(unconsolidated)												
107.35	112.40	5.05	BRECCIATED LIME MUDSTONE WITH STRONG BLEACHING (Unit 2)	82775	107.35	108.50	1.15	93.86	4.75	0.40	0.13	0.22	43	568	58
			light-grey, light-grey to medium-grey etched, micritic to fg bioclasts, bioclasts	82776	108.50	110.00	1.50	96.66	2.62	0.34	0.08	0.09	39	191	50
			include crinoid ossicles and stems, well sorted, strong reaction with HCl	82777	110.00	111.20	1.20	98.90	0.48	0.12	0.09	0.07	32	156	49
				82778	111.20	112.40	1.20	98.49	0.56	0.14	0.10	0.09	36	158	51
			Structure: moderate calcite veinign randomly oriented throughout, locally strong bleaching,												
			Alteration: minor siderite alteration along fractures, minor hematite staining along												
			fractures												
			110.69-111.23: strongly broken u interval, strongly fractured prior to drilling												
			contact is sharp, brecciation stops												
112.40	120.40	8.00	LIME MUDSTONE TO WACKESTONE WITH STRONG DOLOMITE MOTTLING	82779	112.40	114.00	1.60	99.11	0.61	0.13	0.08	0.08	27	133	47
			(Unit 2)	82780	112.40	114.00	1.60	98.75	0.56	0.20	0.05	0.06	26	96	43
			light-grey, medium-grey etched, cryptocrystalline to micritic, mionr fg to mg	82781	114.00	115.50	1.50	89.03	10.19	0.45	0.17	0.26	46	674	49
			bioclasts, bioclasts include indeterminate shell fragments, crinoid ossicles and	82782	115.50	117.00	1.50	96.61	1.92	0.77	0.21	0.32	32	855	48

DIAMOND DRILL LOG

Company: ***GRAYMONT WESTERN CANADA INC.***

Project: ***Giscome 2014*** **Hole No:** ***PAT14-08***

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			stems, competent, hard, strong reaction with HCl	82783	117.00	118.25	1.25	94.72	4.20	0.61	0.22	0.22	70	569	62
				82784	118.25	119.50	1.25	96.77	0.98	0.93	0.35	0.52	51	1436	58
			Structure: minor clacite veining (veinlets) all at random orientations, minor	82785	119.50	120.40	0.90	94.83	0.96	1.73	0.49	0.87	79.00	2710	79.00
			carbonaceous stylolites												
			Alteration: minor oxide alteration along stylolites, dolomite mottling is locally up												
			to 80% (secondary?), dolomite is overall 40-60%												
			118.71-120.40: sharp increase in carbonaceous content, carbonaceous												
			stringers, stylolites, finely disseeminated carb flecks, graphitic partings												
			common												
			contact is sharp, 2-cm thick orange clay-filled fracture with some calcite in-fill												
			at 61^{0} to CA												
120.40	146.04	25.64	STROMATOPOROID-COLONIAL CORAL RICH LIME BOUNDSTONE (Unit 2)	82786	120.40	122.00	1.60	97.34	0.96	0.76	0.15	0.37	44	992	62
			light-grey, medium-grey etched, micritic mudstone infilling pores, minor mg shell	82787	122.00	123.50	1.50	96.65	1.17	1.13	0.14	0.40	82	1176	63
			fragments, abundant stromatoporoids, colonial corals, very strong reaction with HCl	82788	123.50	125.00	1.50	97.58	0.75	0.43	0.12	0.23	50	635	62
				83033	125.00	125.30	0.30	96.40	0.96	0.68	0.11	0.75	409	229	<0.01
			Structure: minor calcite veining (<3% overall), minor fractures	82789	125.30	126.50	1.20	98.00	0.82	0.52	0.11	0.28	41	761	58
				82790	126.50	128.00	1.50	98.27	0.69	0.21	0.11	0.12	38	303	61
			Alteration: minor siderite mottles throughout interval	82791	128.00	129.50	1.50	98.74	0.67	0.28	0.09	0.15	40	369	57
				82792	129.50	131.00	1.50	98.24	0.88	0.51	0.13	0.26	42	693	67
			126.12-126.49, 127.66-127.98, 128.33-128.57: rusty orange oxide alteration	82793	131.00	132.50	1.50	98.50	0.71	0.29	0.06	0.14	36	356	45
			along fractures	82794	132.50	134.00	1.50	99.13	0.63	0.12	0.06	0.08	39	154	40
			128.67-128.72: large calcite-filled vug	82795	134.00	135.50	1.50	98.93	0.61	0.16	0.07	0.10	38	219	46
			130.44-130.70: broken up interval	82796	135.50	137.00	1.50	98.88	0.59	0.15	0.08	0.08	31	178	47
			131.37-131.43, 134.98-135.02, 136.97-136.99, 137.40-137.43, 138.00-138.10,	82797	137.00	138.50	1.50	98.32	0.61	0.31	0.09	0.17	34	409	47
			139.83-139.90: large calcite veins, randomly oriented	82798	138.50	140.00	1.50	98.20	0.65	0.39	0.16	0.21	23	499	56
			132.71-133.04: rusty oxide alteration along fractures, minor vugs, minor	82799	140.00	141.50	1.50	97.11	0.69	1.02	0.21	0.52	42	1112	56
			fractures	82800	141.50	143.00	1.50	98.31	0.71	0.37	0.11	0.21	28	454	49
			135.44-135.90: 30% calcite veins (large thick 2 cm veins)	82801	143.00	144.50	1.50	98.77	0.59	0.09	0.06	0.06	23	109	42
			139.50-141.89: fault zone?, strong clay-rich fault gouge along fractures,	82802	144.50	146.04	1.54	97.93	1.28	0.11	0.09	0.07	30	110	52
			broken up interval, brecciated lm bdst close to this zone												
			139.92-139.98: large isolated siderite mottle												
			141.70-141.94, 142.10-142.28: very thick calcite veins, at base of												
			fault/fractured zone												
			144.36-144.39: large calcite-filled vug												
			144.89-146.04: reefal porosity infill (calcite), competent interval												
			contact is sharp, beginning of carb-rich interbeds and stylolites												
146.04	154.53	8.49	CARBONACEOUS LIME WACKESTONE TO PACKSTONE INTERBEDDED	82803	146.04	147.67	1.63	89.81	9.00	0.41	0.14	0.24	41	514	42
			WITH CARBONACEOUS DOLOMITIC MUDSTONE (Unit 1)	83034	147.67	147.97	0.30	92.36	6.98	0.40	0.18	0.40	329	95	5
			Lm Wkst to Pkst: medium-grey, medium-grey to dark-grey etched, well sorted, fg	82804	147.97	149.50	1.53	92.54	5.59	0.86	0.19	0.31	64	713	46
			to cg bioclasts, bioclasts include shell fragments, crinoid ossicles and stems,	82805	149.50	151.00	1.50	86.42	10.92	1.28	0.21	0.39	58	946	55
			brachiopods, indeterminate shell fragments, competent, weakly carbonaceous,	82806	151.00	152.50	1.50	89.51	7.93	1.20	0.21	0.40	42	1013	58
			strong reaction with HCl												
			Carb Dolo Mdst: dark-grey to black, black etched, vfg, well bedded, argillaceous,												

DIAMOND DRILL LOG

Company: *GRAYMONT WESTERN CANADA INC.*

Project: *Giscome 2014*

Hole No: *PAT14-08*

From m	To m	Tkns m	Description	Sample #	From m	To m	Length m	$CaCO_3$ %	$MgCO_3$ %	SiO_2 %	Fe_2O_3 %	Al_2O_3 %	Na_2O ppm	K_2O ppm	MnO ppm
			graphitic partings common, somewhat limey, moderate reaction with HCl												
			Structure: abundant stylolites throughout, overall <5% calcite veining, moderately fractured throughout												
			Alteration: minor localized dolomite mottling (<10%) in wkst to pkst, finely disseminated dolomite (primary?) in mdst (20% dolomite)												
			147.85-148.01: strongly bleached, very abundant calcite veining												
			153.12-153.50: fractured strongly with rusty oxide alteration along fractures, moderately bleached												
			154.53 m = EOH												

DIAMOND DRILL LOG

Company:	*GRAYMONT WESTERN CANADA INC.*							
Project:	*Giscome 2014*						**Hole No:**	*PAT14-09*
Dip Tests	**Claim:**	*PAT*	**UTM Co-ordinates (NAD83)**		**Date Started:**	*Mar-09/14*	**Core Size:**	*NQ*
Depth / Angle	**Bearing:**	*360°*	**Easting (m):**	*545806.1*	**Date Finished:**	*Mar-11/14*	**Casing:**	*72.24 m*
	Inclination:	*-70.0°*	**Northing (m):**	*5989388.8*	**Date Logged:**	*Mar-11/14*	**Total Depth:**	*72.24 m*
	Province:	*BC*	**Elevation (m):**	*710.8*	**Logged By:**	*K. Krueger*		

From m	To m	Tkns m	Description
0.00	72.24	72.24	Casing - overburden
			72.24 m = EOH

APPENDIX 6: 2014 GEOTECHNICAL LOGS

GEOTECHNICAL LOG

Company: *Graymont Western Canada Inc.*

Project: *Giscome 2014* **Hole No:** *PAT 14-01*

From (m)	To (m)	Core Interval (m)	Actual Distance (m)	Recovery (%)	RQD measured (m)	RQD (%)	Comments
49.98	50.59	0.61	0.46	75.4%	0.11	18.0%	Rubbly upper 0.50m
50.59	53.64	3.05	3.01	98.7%	2.25	73.8%	
53.64	56.69	3.05	3.15	103.3%	2.40	78.7%	
56.69	59.74	3.05	3.05	100.0%	2.27	74.4%	
59.74	62.79	3.05	2.95	96.7%	1.92	63.0%	
62.79	65.84	3.05	3.00	98.4%	1.62	53.1%	
65.84	68.88	3.04	3.00	98.7%	1.25	41.1%	
68.88	71.93	3.05	2.97	97.4%	1.18	38.7%	
71.93	74.98	3.05	2.97	97.4%	3.27	107.2%	Driller block missing between 71.93-74.03m
74.98	78.03	3.05	2.97	97.4%	3.27	107.2%	Driller block missing between 71.93m-74.03m
78.03	81.08	3.05	3.10	101.6%	2.29	75.1%	
81.08	84.12	3.04	2.97	97.7%	2.60	85.5%	
84.12	87.16	3.04	3.04	100.0%	2.39	78.6%	
87.16	90.22	3.06	2.89	94.4%	2.59	84.6%	
90.22	93.27	3.05	2.98	97.7%	2.58	84.6%	
93.27	96.32	3.05	3.02	99.0%	2.62	85.9%	Driller block missing between 93.27-96.32m
96.32	99.36	3.04	3.01	99.0%	0.00	0.0%	Driller block missing between 93.27-96.32m
99.36	102.41	3.05	3.01	98.7%	2.56	83.9%	
102.41	105.46	3.05	3.00	98.4%	2.13	69.8%	
105.46	108.51	3.05	3.04	99.7%	1.80	59.0%	
108.51	111.56	3.05	3.01	98.7%	2.48	81.3%	
111.56	114.60	3.04	2.98	98.0%	2.15	70.7%	
114.60	117.65	3.05	2.67	87.5%	1.30	42.6%	
117.65	120.70	3.05	3.01	98.7%	1.67	54.8%	
120.70	123.75	3.05	2.93	96.1%	1.97	64.6%	
123.75	126.79	3.04	3.02	99.3%	2.16	71.1%	
126.79	129.84	3.05	2.87	94.1%	1.43	46.9%	
129.84	132.89	3.05	2.98	97.7%	2.65	86.9%	
132.89	135.94	3.05	3.10	101.6%	2.61	85.6%	
135.94	138.99	3.05	2.99	98.0%	2.81	92.1%	
138.99	142.04	3.05	3.01	98.7%	2.47	81.0%	
142.04	145.08	3.04	2.99	98.4%	2.65	87.2%	
145.08	148.13	3.05	3.00	98.4%	2.61	85.6%	
148.13	151.18	3.05	3.01	98.7%	2.43	79.7%	
151.18	154.23	3.05	3.04	99.7%	2.49	81.6%	
154.23	157.28	3.05	2.96	97.0%	2.83	92.8%	
157.28	160.32	3.04	3.10	102.0%	2.57	84.5%	
160.32	163.37	3.05	3.06	100.3%	2.97	97.4%	
163.37	166.42	3.05	3.01	98.7%	2.70	88.5%	
166.42	169.47	3.05	2.99	98.0%	2.90	95.1%	
169.47	172.52	3.05	3.02	99.0%	2.83	92.8%	
172.52	175.56	3.04	3.05	100.3%	2.88	94.7%	
175.56	178.61	3.05	3.05	100.0%	2.98	97.7%	
178.61	181.66	3.05	2.94	96.4%	2.76	90.5%	
181.66	184.71	3.05	2.99	98.0%	2.99	98.0%	
184.71	187.76	3.05	3.05	100.0%	2.91	95.4%	

187.76	190.80	3.04	3.04	100.0%	2.71	89.1%	
190.80	193.85	3.05	3.02	99.0%	2.89	94.8%	
193.85	196.90	3.05	3.02	99.0%	2.67	87.5%	
196.90	199.95	3.05	3.04	99.7%	2.85	93.4%	
199.95	202.99	3.04	2.98	98.0%	2.58	84.9%	
202.99	206.04	3.05	3.02	99.0%	2.69	88.2%	
206.04	209.09	3.05	3.01	98.7%	2.84	93.1%	
209.09	212.14	3.05	3.03	99.3%	2.76	90.5%	
212.14	215.19	3.05	3.02	99.0%	2.77	90.8%	
215.19	218.24	3.05	3.03	99.3%	2.64	86.6%	
218.24	221.28	3.04	2.94	96.7%	2.83	93.1%	
221.28	224.33	3.05	3.06	100.3%	3.06	100.3%	
224.33	227.38	3.05	2.99	98.0%	2.45	80.3%	
227.38	230.43	3.05	3.01	98.7%	2.52	82.6%	
230.43	233.48	3.05	3.03	99.3%	2.81	92.1%	
233.48	236.52	3.04	3.07	101.0%	2.52	82.9%	
236.52	239.57	3.05	2.99	98.0%	2.64	86.6%	
239.57	242.62	3.05	3.02	99.0%	2.60	85.2%	
242.62	245.67	3.05	3.00	98.4%	2.72	89.2%	
245.67	248.72	3.05	2.97	97.4%	2.67	87.5%	
EOH							

NOTES: "RQD measured" represents a sum of the lengths of all pieces of core over 10 cm within the interval.
"RQD (%)" represents the "RQD measured" value divided by the length of recovered core for that interval.

GEOTECHNICAL LOG

Company: *Graymont Western Canada Inc.*

Project: *Giscome 2014* **Hole No:** ***PAT 14-02***

From (m)	To (m)	Core Interval (m)	Actual Distance (m)	Recovery (%)	RQD measured (m)	RQD (%)	Comments
52.45	53.95	1.50	1.00	66.7%	0.95	63.3%	
53.95	56.99	3.04	3.02	99.3%	2.35	77.3%	
56.99	60.04	3.05	2.94	96.4%	1.78	58.4%	
60.04	63.09	3.05	3.04	99.7%	2.60	85.2%	
63.09	66.14	3.05	3.01	98.7%	2.08	68.2%	
66.14	69.19	3.05	2.95	96.7%	2.46	80.7%	
69.19	72.24	3.05	3.00	98.4%	1.72	56.4%	
72.24	75.29	3.05	3.04	99.7%	1.41	46.2%	
75.29	78.33	3.04	3.02	99.3%	2.03	66.8%	
78.33	81.38	3.05	2.94	96.4%	1.54	50.5%	
81.38	84.43	3.05	2.90	95.1%	1.45	47.5%	
84.43	87.48	3.05	3.00	98.4%	2.09	68.5%	
87.48	90.52	3.04	2.86	94.1%	1.33	43.8%	
90.52	93.57	3.05	2.92	95.7%	2.00	65.6%	
93.57	96.62	3.05	3.04	99.7%	1.09	35.7%	
96.62	99.67	3.05	2.90	95.1%	1.94	63.6%	
99.67	102.72	3.05	2.99	98.0%	2.67	87.5%	
102.72	105.77	3.05	3.03	99.3%	1.96	64.3%	
105.77	108.81	3.04	2.98	98.0%	1.81	59.5%	
108.81	111.86	3.05	2.94	96.4%	1.47	48.2%	
111.86	114.91	3.05	2.81	92.1%	1.41	46.2%	
114.91	117.96	3.05	3.04	99.7%	2.08	68.2%	
117.96	121.00	3.04	3.04	100.0%	2.23	73.4%	
121.00	124.05	3.05	3.09	101.3%	2.20	72.1%	
124.05	127.10	3.05	3.00	98.4%	2.81	92.1%	
127.10	130.15	3.05	3.10	101.6%	2.67	87.5%	
130.15	133.20	3.05	3.09	101.3%	2.60	85.2%	
133.20	136.24	3.04	3.02	99.3%	2.79	91.8%	
136.24	139.29	3.05	3.06	100.3%	2.65	86.9%	
139.29	142.34	3.05	3.05	100.0%	2.97	97.4%	
142.34	145.39	3.05	3.05	100.0%	2.70	88.5%	
145.39	148.44	3.05	3.01	98.7%	2.82	92.5%	
148.44	151.48	3.04	3.03	99.7%	2.43	79.9%	
151.48	154.53	3.05	3.05	100.0%	2.23	73.1%	
154.53	157.58	3.05	2.98	97.7%	1.98	64.9%	
157.58	160.63	3.05	3.03	99.3%	2.54	83.3%	
160.63	163.68	3.05	3.11	102.0%	2.55	83.6%	
163.68	166.73	3.05	2.87	94.1%	2.56	83.9%	
166.73	169.77	3.04	3.04	100.0%	2.48	81.6%	
169.77	172.82	3.05	3.03	99.3%	2.06	67.5%	
172.82	175.87	3.05	2.97	97.4%	2.25	73.8%	
175.87	178.92	3.05	3.04	99.7%	2.79	91.5%	
178.92	181.97	3.05	3.00	98.4%	2.63	86.2%	
181.97	185.01	3.04	3.04	100.0%	2.80	92.1%	
185.01	188.06	3.05	3.02	99.0%	2.78	91.1%	
188.06	191.11	3.05	3.04	99.7%	2.57	84.3%	

191.11	194.16	3.05	3.04	99.7%	2.69	88.2%	
194.16	197.20	3.04	2.98	98.0%	2.81	92.4%	
197.20	200.25	3.05	3.04	99.7%	2.77	90.8%	
200.25	203.30	3.05	2.98	97.7%	2.76	90.5%	
203.30	206.35	3.05	3.03	99.3%	2.53	83.0%	
206.35	209.40	3.05	3.00	98.4%	2.84	93.1%	
209.40	212.44	3.04	2.98	98.0%	2.63	86.5%	
212.44	215.49	3.05	3.03	99.3%	2.68	87.9%	
215.49	218.54	3.05	3.05	100.0%	2.67	87.5%	
218.54	221.59	3.05	3.04	99.7%	2.59	84.9%	
221.59	224.64	3.05	3.02	99.0%	2.77	90.8%	
224.64	227.69	3.05	3.00	98.4%	2.91	95.4%	
227.69	230.73	3.04	3.04	100.0%	2.73	89.8%	
230.73	233.78	3.05	3.07	100.7%	2.87	94.1%	
233.78	236.83	3.05	3.05	100.0%	2.97	97.4%	
236.83	239.88	3.05	3.03	99.3%	2.73	89.5%	
239.88	242.93	3.05	3.04	99.7%	2.44	80.0%	
242.93	245.97	3.04	2.99	98.4%	2.88	94.7%	
245.97	249.02	3.05	3.05	100.0%	2.90	95.1%	
249.02	252.07	3.05	3.05	100.0%	2.59	84.9%	
252.07	255.12	3.05	3.00	98.4%	2.47	81.0%	
255.12	258.17	3.05	2.93	96.1%	2.42	79.3%	
258.17	261.21	3.04	3.04	100.0%	2.80	92.1%	
261.21	264.26	3.05	2.89	94.8%	2.26	74.1%	
264.26	267.31	3.05	3.00	98.4%	2.16	70.8%	
267.31	270.36	3.05	3.05	100.0%	2.18	71.5%	
270.36	273.41	3.05	3.02	99.0%	2.71	88.9%	
273.41	276.45	3.04	3.03	99.7%	2.42	79.6%	
EOH							

NOTES: "RQD measured" represents a sum of the lengths of all pieces of core over 10 cm within the interval.
"RQD (%)" represents the "RQD measured" value divided by the length of recovered core for that interval.

GEOTECHNICAL LOG

Company: *Graymont Western Canada Inc.*

Project: *Giscome 2014* **Hole No:** *PAT 14-03*

From (m)	To (m)	Core Interval (m)	Actual Distance (m)	Recovery (%)	RQD measured (m)	RQD (%)	Comments
9.15	11.28	2.13	1.72	80.8%	0.36	16.9%	Broken core, more rounded fragment
11.28	14.33	3.05	2.82	92.5%	0.85	27.9%	0.60m Broken Core
14.33	17.38	3.05	2.80	91.8%	1.72	56.4%	
17.38	20.43	3.05	2.61	85.6%	0.76	24.9%	> 0.70m Broken Core
20.43	23.48	3.05	2.52	82.6%	0.78	25.6%	22.80m =Fault Gouge Weathered
23.48	26.52	3.04	2.69	88.5%	2.05	67.4%	23.90-34-42 Fractured/Faulted? Weathered
26.52	29.57	3.05	3.03	99.3%	1.78	58.4%	
29.57	32.62	3.05	3.05	100.0%	2.85	93.4%	
32.62	35.67	3.05	2.97	97.4%	2.30	75.4%	
35.67	38.72	3.05	3.06	100.3%	2.69	88.2%	
38.72	41.77	3.05	2.94	96.4%	2.20	72.1%	
41.77	44.81	3.04	3.01	99.0%	2.76	90.8%	
44.81	47.87	3.06	2.98	97.4%	2.08	68.0%	
47.87	50.91	3.04	3.06	100.7%	2.71	89.1%	
50.91	53.96	3.05	2.95	96.7%	2.70	88.5%	
53.96	57.01	3.05	3.02	99.0%	2.22	72.8%	
57.01	60.06	3.05	2.91	95.4%	2.64	86.6%	
60.06	63.11	3.05	3.03	99.3%	2.85	93.4%	
63.11	66.16	3.05	2.89	94.8%	1.65	54.1%	64.31-65.06m Broken Core (Faulted) Weathered
66.16	69.21	3.05	2.97	97.4%	2.76	90.5%	
69.21	72.26	3.05	2.94	96.4%	2.05	67.2%	
72.26	75.31	3.05	3.02	99.0%	2.63	86.2%	
75.31	78.35	3.04	3.00	98.7%	2.67	87.8%	
78.35	81.40	3.05	3.02	99.0%	2.89	94.8%	
81.40	84.45	3.05	2.99	98.0%	2.85	93.4%	
84.45	87.48	3.03	3.01	99.3%	2.59	85.5%	
87.48	90.53	3.05	2.97	97.4%	2.62	85.9%	
90.53	93.57	3.04	2.99	98.4%	2.56	84.2%	
93.57	96.62	3.05	2.95	96.7%	2.29	75.1%	
96.62	99.67	3.05	2.92	95.7%	2.90	95.1%	
99.67	102.72	3.05	2.97	97.4%	2.49	81.6%	
102.72	105.77	3.05	2.96	97.0%	2.67	87.5%	
105.77	108.81	3.04	3.03	99.7%	2.71	89.1%	
108.81	111.86	3.05	3.05	100.0%	3.05	100.0%	
111.86	114.91	3.05	3.00	98.4%	3.00	98.4%	
114.91	117.96	3.05	2.94	96.4%	2.79	91.5%	
117.96	121.01	3.05	3.05	100.0%	3.02	99.0%	
121.01	124.05	3.04	3.05	100.3%	3.05	100.3%	
124.05	127.10	3.05	2.94	96.4%	2.79	91.5%	
127.10	130.15	3.05	3.01	98.7%	2.91	95.4%	
130.15	133.20	3.05	2.99	98.0%	2.99	98.0%	
133.20	136.25	3.05	3.00	98.4%	2.50	82.0%	
136.25	139.29	3.04	3.04	100.0%	3.04	100.0%	
139.29	142.34	3.05	3.02	99.0%	2.94	96.4%	
142.34	145.39	3.05	3.04	99.7%	3.04	99.7%	
145.39	148.44	3.05	3.03	99.3%	3.00	98.4%	

148.44	151.49	3.05	3.02	99.0%	2.53	83.0%	
151.49	154.53	3.04	3.05	100.3%	2.40	78.9%	
154.53	157.58	3.05	3.06	100.3%	3.03	99.3%	
157.58	160.63	3.05	3.03	99.3%	2.46	80.7%	
160.63	163.68	3.05	3.00	98.4%	2.77	90.8%	
163.68	166.73	3.05	3.00	98.4%	2.90	95.1%	
166.73	169.77	3.04	2.98	98.0%	2.51	82.6%	
169.77	172.82	3.05	2.97	97.4%	2.87	94.1%	
172.82	175.87	3.05	3.02	99.0%	2.78	91.1%	
175.87	178.92	3.05	3.06	100.3%	2.89	94.8%	
178.92	181.97	3.05	3.03	99.3%	2.93	96.1%	
181.97	185.01	3.04	2.98	98.0%	2.49	81.9%	
185.01	188.06	3.05	2.97	97.4%	2.91	95.4%	
188.06	191.11	3.05	3.04	99.7%	2.40	78.7%	
191.11	194.16	3.05	3.01	98.7%	2.86	93.8%	
194.16	197.21	3.05	3.00	98.4%	2.77	90.8%	
197.21	200.25	3.04	3.00	98.7%	2.76	90.8%	
200.25	203.30	3.05	2.98	97.7%	2.75	90.2%	
203.30	206.35	3.05	3.02	99.0%	2.44	80.0%	
206.35	209.40	3.05	2.99	98.0%	2.99	98.0%	
209.40	212.45	3.05	3.01	98.7%	2.85	93.4%	
212.45	215.49	3.04	3.03	99.7%	2.48	81.6%	
215.49	218.54	3.05	3.05	100.0%	2.34	76.7%	
218.54	221.59	3.05	3.02	99.0%	1.99	65.2%	Argillaceous section
EOH							

NOTES: "RQD measured" represents a sum of the lengths of all pieces of core over 10 cm within the interval.
"RQD (%)" represents the "RQD measured" value divided by the length of recovered core for that interval.

GEOTECHNICAL LOG

Company: ***Graymont Western Canada Inc.***
Project: ***Giscome 2014*** **Hole No:** ***PAT 14-04***

From (m)	To (m)	Core Interval (m)	Actual Distance (m)	Recovery (%)	RQD measured (m)	RQD (%)	Comments
3.05	5.18	2.13	1.21	56.8%	0.51	23.9%	
5.18	8.22	3.04	2.68	88.2%	1.49	49.0%	
8.22	11.27	3.05	2.90	95.1%	2.36	77.4%	
11.27	14.32	3.05	2.88	94.4%	2.49	81.6%	
14.32	17.37	3.05	2.99	98.0%	2.55	83.6%	
17.37	20.49	3.12	2.98	95.5%	2.64	84.6%	
20.49	23.46	2.97	2.92	98.3%	2.17	73.1%	Weak Faulted Breccia = Fault zone
23.46	26.51	3.05	3.03	99.3%	1.41	46.2%	Fault Breccia in Consolidated Gouge
26.51	29.56	3.05	2.81	92.1%	1.82	59.7%	
29.56	32.61	3.05	3.02	99.0%	1.68	55.1%	
32.61	35.66	3.05	3.03	99.3%	1.31	43.0%	
35.66	38.70	3.04	2.94	96.7%	1.83	60.2%	
38.70	41.75	3.05	2.93	96.1%	1.93	63.3%	
41.75	44.80	3.05	2.79	91.5%	1.37	44.9%	
44.80	47.85	3.05	3.02	99.0%	2.33	76.4%	
47.85	50.90	3.05	2.84	93.1%	1.95	63.9%	Very Broken up
50.90	53.94	3.04	3.02	99.3%	2.09	68.8%	
53.94	56.99	3.05	3.00	98.4%	2.42	79.3%	
56.99	60.04	3.05	2.82	92.5%	2.25	73.8%	
60.04	63.09	3.05	2.94	96.4%	2.64	86.6%	
63.09	66.14	3.05	3.00	98.4%	1.84	60.3%	
66.14	69.19	3.05	2.97	97.4%	2.55	83.6%	
69.19	72.25	3.06	3.00	98.0%	2.23	72.9%	
72.25	75.29	3.04	2.90	95.4%	2.01	66.1%	
75.29	78.33	3.04	2.89	95.1%	2.02	66.4%	
78.33	81.38	3.05	3.08	101.0%	1.78	58.4%	
81.38	84.43	3.05	2.81	92.1%	1.90	62.3%	
84.43	87.47	3.04	3.04	100.0%	2.17	71.4%	
87.47	90.52	3.05	2.93	96.1%	2.25	73.8%	
90.52	93.57	3.05	3.07	100.7%	3.00	98.4%	
93.57	96.62	3.05	2.97	97.4%	2.48	81.3%	
96.62	99.66	3.04	2.91	95.7%	2.66	87.5%	
99.66	102.72	3.06	3.03	99.0%	2.61	85.3%	
102.72	105.76	3.04	3.10	102.0%	2.82	92.8%	
105.76	108.81	3.05	2.97	97.4%	2.15	70.5%	
108.81	111.86	3.05	3.08	101.0%	2.24	73.4%	
111.86	114.91	3.05	2.82	92.5%	2.12	69.5%	
114.91	117.95	3.04	2.89	95.1%	2.68	88.2%	
117.95	121.00	3.05	3.01	98.7%	2.24	73.4%	
121.00	124.05	3.05	2.93	96.1%	2.23	73.1%	
124.05	127.10	3.05	2.89	94.8%	2.12	69.5%	
127.10	130.14	3.04	2.96	97.4%	2.42	79.6%	
130.14	133.20	3.06	3.03	99.0%	2.48	81.0%	
133.20	136.24	3.04	3.00	98.7%	2.10	69.1%	
136.24	139.29	3.05	2.82	92.5%	1.68	55.1%	Brownish Weathering Around Fractures
139.29	142.34	3.05	2.95	96.7%	1.47	48.2%	

142.34	145.38	3.04	2.88	94.7%	1.81	59.5%	
145.38	148.43	3.05	2.72	89.2%	0.68	22.3%	Broken chunks in Brown Weathering
148.43	151.48	3.05	2.91	95.4%	2.08	68.2%	
151.48	154.53	3.05	3.00	98.4%	2.32	76.1%	
154.53	157.58	3.05	3.03	99.3%	2.23	73.1%	
157.58	160.63	3.05	2.93	96.1%	2.06	67.5%	
160.63	163.67	3.04	3.06	100.7%	2.50	82.2%	
163.67	166.72	3.05	3.03	99.3%	1.95	63.9%	
166.72	169.77	3.05	3.04	99.7%	2.96	97.0%	
169.77	172.82	3.05	2.99	98.0%	2.61	85.6%	
172.82	175.86	3.04	2.98	98.0%	2.26	74.3%	
175.86	178.91	3.05	3.04	99.7%	2.61	85.6%	
178.91	181.96	3.05	3.04	99.7%	2.72	89.2%	
181.96	185.01	3.05	2.99	98.0%	2.80	91.8%	
EOH							

NOTES: "RQD measured" represents a sum of the lengths of all pieces of core over 10 cm within the interval.
"RQD (%)" represents the "RQD measured" value divided by the length of recovered core for that interval.

GEOTECHNICAL LOG

Company: *Graymont Western Canada Inc.*

Project: *Giscome 2014* **Hole No:** *PAT 14-05*

From (m)	To (m)	Core Interval (m)	Actual Distance (m)	Recovery (%)	RQD measured (m)	RQD (%)	Comments
16.46	17.37	0.91	0.74	81.3%	0.40	44.0%	
17.37	20.42	3.05	2.94	96.4%	1.95	63.9%	Top 1' is rubbly
20.42	23.47	3.05	2.92	95.7%	2.60	85.2%	
23.47	26.52	3.05	2.89	94.8%	1.97	64.6%	Top metre is very broken up, strong calcite veining
26.52	29.57	3.05	3.03	99.3%	2.83	92.8%	
29.57	32.61	3.04	2.96	97.4%	2.57	84.5%	
32.61	35.66	3.05	3.04	99.7%	2.96	97.0%	
35.66	38.71	3.05	3.04	99.7%	2.47	81.0%	
38.71	41.76	3.05	3.00	98.4%	3.00	98.4%	
41.76	44.81	3.05	2.97	97.4%	2.74	89.8%	
44.81	47.85	3.04	2.94	96.7%	2.54	83.6%	
47.85	50.90	3.05	2.88	94.4%	2.43	79.7%	Rusty along fractures, rubbly, vuggy
50.90	53.95	3.05	3.03	99.3%	2.02	66.2%	Rusty along fractures, rubbly, vuggy
53.95	57.00	3.05	3.02	99.0%	2.76	90.5%	Rusty along fractures, minor rubbly intervals
57.00	60.04	3.04	3.01	99.0%	2.46	80.9%	
60.04	63.09	3.05	3.03	99.3%	2.52	82.6%	
63.09	66.14	3.05	3.02	99.0%	2.94	96.4%	
66.14	69.19	3.05	2.95	96.7%	2.86	93.8%	
69.19	72.24	3.05	3.04	99.7%	2.79	91.5%	
72.24	75.29	3.05	3.05	100.0%	2.52	82.6%	
75.29	78.33	3.04	2.92	96.1%	2.66	87.5%	
78.33	81.38	3.05	2.95	96.7%	2.81	92.1%	
81.38	84.43	3.05	2.97	97.4%	2.50	82.0%	
84.43	87.48	3.05	3.05	100.0%	2.60	85.2%	
87.48	90.53	3.05	2.97	97.4%	2.65	86.9%	
90.53	93.57	3.04	3.04	100.0%	2.97	97.7%	
93.57	96.62	3.05	3.03	99.3%	2.40	78.7%	Argillaceous mudstone
96.62	99.67	3.05	3.04	99.7%	1.90	62.3%	Argillaceous mudstone
99.67	102.72	3.05	3.01	98.7%	1.88	61.6%	Argillaceous mudstone
102.72	105.77	3.05	3.05	100.0%	2.08	68.2%	Argillaceous mudstone
105.77	108.81	3.04	3.01	99.0%	2.07	68.1%	Argillaceous mudstone
108.81	111.86	3.05	3.06	100.3%	3.06	100.3%	
111.86	114.91	3.05	3.01	98.7%	2.95	96.7%	
114.91	117.96	3.05	3.03	99.3%	2.70	88.5%	
117.96	121.01	3.05	3.04	99.7%	2.35	77.0%	
121.01	124.05	3.04	3.05	100.3%	2.61	85.9%	
124.05	127.10	3.05	3.01	98.7%	2.84	93.1%	
127.10	130.15	3.05	3.00	98.4%	2.73	89.5%	
130.15	133.20	3.05	3.03	99.3%	2.57	84.3%	
133.20	136.25	3.05	3.02	99.0%	2.70	88.5%	
136.25	139.29	3.04	3.03	99.7%	2.76	90.8%	
139.29	142.34	3.05	2.97	97.4%	2.77	90.8%	
142.34	145.39	3.05	3.01	98.7%	2.61	85.6%	
145.39	148.44	3.05	2.96	97.0%	2.70	88.5%	
148.44	151.49	3.05	3.02	99.0%	2.98	97.7%	
151.49	154.53	3.04	3.05	100.3%	2.97	97.7%	

154.53	157.58	3.05	3.03	99.3%	2.48	81.3%	
157.58	160.63	3.05	3.00	98.4%			
160.63	163.68	3.05	2.99	98.0%			
163.68	166.73	3.05	3.01	98.7%			
166.73	169.77	3.04	2.97	97.7%			
169.77	172.82	3.05	3.04	99.7%			
172.82	175.87	3.05	3.00	98.4%			
175.87	178.92	3.05	2.99	98.0%			Orange rusty along fractures
178.92	181.97	3.05	3.04	99.7%			Strongly fractured, broken up
181.97	185.01	3.04	3.04	100.0%			
185.01	188.06	3.05	3.02	99.0%			
188.06	191.11	3.05	3.05	100.0%			
191.11	194.16	3.05	2.96	97.0%			
194.16	197.21	3.05	2.99	98.0%			
197.21	200.25	3.04	3.02	99.3%			
200.25	203.30	3.05	2.98	97.7%			
203.30	206.35	3.05	3.04	99.7%			
206.35	209.40	3.05	3.03	99.3%			
209.40	212.45	3.05	3.05	100.0%			
212.45	215.49	3.04	3.02	99.3%			
215.49	218.54	3.05	2.99	98.0%			
218.54	221.59	3.05	2.99	98.0%			Argillaceous
221.59	224.64	3.05	3.00	98.4%			Argillaceous
224.64	227.69	3.05	3.04	99.7%			Argillaceous
227.69	230.73	3.04	3.02	99.3%			
230.73	233.78	3.05	3.06	100.3%			
233.78	236.83	3.05	2.97	97.4%			
236.83	239.88	3.05	3.04	99.7%			Argillaceous mudstone interbeds
239.88	242.93	3.05	2.95	96.7%			Argillaceous mudstone interbeds
242.93	245.97	3.04	2.99	98.4%			Argillaceous mudstone interbeds
245.97	249.02	3.05	3.03	99.3%			Argillaceous mudstone interbeds
249.02	252.07	3.05	3.00	98.4%			Argillaceous mudstone interbeds
252.07	255.12	3.05	2.90	95.1%			Argillaceous mudstone interbeds
255.12	258.17	3.05	3.01	98.7%			Argillaceous mudstone interbeds
258.17	261.21	3.04	2.88	94.7%			
261.21	264.26	3.05	2.91	95.4%			Broken up, fractured, no rustiness
264.26	267.31	3.05	2.99	98.0%			Argillaceous interbeds (mudstone)
267.31	270.36	3.05	3.05	100.0%			Argillaceous interbeds (mudstone)
270.36	273.41	3.05	3.06	100.3%			Argillaceous interbeds (mudstone)
273.41	276.45	3.04	2.97	97.7%			Argillaceous interbeds (mudstone)
276.45	279.50	3.05	2.95	96.7%			Argillaceous interbeds (mudstone)
279.50	282.55	3.05	3.03	99.3%			Argillaceous interbeds (mudstone)
EOH							

NOTES: "RQD measured" represents a sum of the lengths of all pieces of core over 10 cm within the interval.
"RQD (%)" represents the "RQD measured" value divided by the length of recovered core for that interval.

GEOTECHNICAL LOG

Company: *Graymont Western Canada Inc.*

Project: *Giscome 2014* **Hole No:** *PAT 14-06*

From (m)	To (m)	Core Interval (m)	Actual Distance (m)	Recovery (%)	RQD measured (m)	RQD (%)	Comments
15.24	17.37	2.13	1.88	88.3%	0.77	36.2%	Rusty oxide alteration along fractures, strongly fractured
17.37	20.42	3.05	3.03	99.3%	2.70	88.5%	Top 30 cm have rusty oxide alteration, fractured
20.42	23.47	3.05	2.82	92.5%	2.35	77.0%	
23.47	26.52	3.05	2.86	93.8%	2.47	81.0%	
26.52	29.57	3.05	2.94	96.4%	2.58	84.6%	Rubbly interval, completely broken up
29.57	32.61	3.04	2.90	95.4%	2.34	77.0%	Rubbly fractured zone near end
32.61	35.66	3.05	3.06	100.3%	2.70	88.5%	
35.66	38.71	3.05	3.04	99.7%	2.74	89.8%	
38.71	41.76	3.05	2.96	97.0%	2.69	88.2%	
41.76	44.81	3.05	3.02	99.0%	2.15	70.5%	Argillaceous, many stylolites
44.81	47.85	3.04	3.00	98.7%	2.06	67.8%	Argillaceous mudstone
47.85	50.90	3.05	2.96	97.0%	2.61	85.6%	
50.90	53.95	3.05	2.95	96.7%	1.54	50.5%	Argillaceous mudstone (strongly broken)
53.95	57.00	3.05	2.84	93.1%	1.90	62.3%	Argillaceous mudstone (strongly broken)
57.00	60.05	3.05	3.00	98.4%	1.75	57.4%	Argillaceous mudstone (strongly broken)
60.05	63.09	3.04	2.99	98.4%	2.06	67.8%	Argillaceous mudstone (strongly broken)
63.09	66.14	3.05	3.02	99.0%	2.25	73.8%	Argillaceous mudstone (strongly broken)
66.14	69.19	3.05	3.04	99.7%	2.71	88.9%	
69.19	72.24	3.05	2.99	98.0%	2.11	69.2%	
72.24	75.29	3.05	3.05	100.0%	2.01	65.9%	
75.29	78.33	3.04	2.40	78.9%	1.57	51.6%	Broken up carbonaceous interval near end of interval
78.33	81.38	3.05	2.48	81.3%	2.05	67.2%	Void 80.77 - 81.99 m
81.38	84.43	3.05	3.00	98.4%	2.56	83.9%	End of interval is fractured with rusty clay infill, broken up
84.43	87.48	3.05	2.93	96.1%	2.25	73.8%	Rusty, fractured orange clay infill, broken up strongly
87.48	90.52	3.04	2.81	92.4%	1.97	64.8%	Rubbly, broken up
90.52	93.57	3.05	3.02	99.0%	2.69	88.2%	
93.57	96.62	3.05	2.92	95.7%	2.20	72.1%	
96.62	99.67	3.05	3.01	98.7%	2.67	87.5%	
99.67	102.72	3.05	3.04	99.7%	2.84	93.1%	
102.72	105.77	3.05	2.97	97.4%	2.75	90.2%	
105.77	108.81	3.04	2.99	98.4%	2.72	89.5%	
108.81	111.86	3.05	3.00	98.4%	2.18	71.5%	Broken up, rubbly interval
111.86	114.91	3.05	2.85	93.4%	2.05	67.2%	Orange clay in fractures, broken up
114.91	117.96	3.05	2.86	93.8%	1.48	48.5%	Broken up, rubbly interval
117.96	121.01	3.05	2.79	91.5%	2.42	79.3%	
121.01	124.05	3.04	2.96	97.4%	2.83	93.1%	
124.05	127.10	3.05	2.99	98.0%	2.59	84.9%	
127.10	130.15	3.05	3.01	98.7%	2.25	73.8%	
130.15	133.20	3.05	2.98	97.7%	2.53	83.0%	
133.20	136.25	3.05	2.99	98.0%	2.87	94.1%	
136.25	139.29	3.04	3.00	98.7%	2.40	78.9%	
139.29	142.34	3.05	3.06	100.3%	2.64	86.6%	
142.34	145.39	3.05	3.04	99.7%	2.94	96.4%	
145.39	148.44	3.05	2.96	97.0%	2.93	96.1%	
148.44	151.49	3.05	3.05	100.0%	2.80	91.8%	
151.49	154.53	3.04	3.04	100.0%	3.04	100.0%	

154.53	157.58	3.05	3.01	98.7%	2.90	95.1%	
157.58	160.63	3.05	3.02	99.0%	3.02	99.0%	
160.63	163.68	3.05	2.90	95.1%	2.58	84.6%	
163.68	166.73	3.05	3.05	100.0%	2.78	91.1%	
166.73	169.77	3.04	2.86	94.1%	2.10	69.1%	Broken up section, broken from drilling
169.77	172.82	3.05	2.93	96.1%	2.56	83.9%	
172.82	175.87	3.05	2.94	96.4%	2.84	93.1%	
175.87	178.92	3.05	3.05	100.0%	2.33	76.4%	Broken up section, broken from drilling
178.92	181.97	3.05	3.02	99.0%	2.91	95.4%	
181.97	185.01	3.04	3.03	99.7%	2.88	94.7%	
185.01	188.06	3.05	3.04	99.7%	2.79	91.5%	
188.06	191.11	3.05	2.99	98.0%	2.93	96.1%	
191.11	194.16	3.05	2.90	95.1%	2.52	82.6%	
194.16	197.21	3.05	3.00	98.4%	2.28	74.8%	
197.21	200.25	3.04	3.07	101.0%	2.27	74.7%	Minor fractures in interval, broken up
200.25	203.30	3.05	2.91	95.4%	2.74	89.8%	
203.30	206.35	3.05	3.04	99.7%	2.57	84.3%	Carbonaceous, argillaceous interbeds
206.35	209.40	3.05	2.92	95.7%	2.43	79.7%	
209.40	212.45	3.05	3.00	98.4%	2.90	95.1%	
212.45	215.49	3.04	2.96	97.4%	2.73	89.8%	
215.49	218.54	3.05	3.04	99.7%	2.74	89.8%	
218.54	221.59	3.05	3.03	99.3%	2.57	84.3%	Argillaceous, carbon rich
221.59	224.64	3.05	2.99	98.0%	2.52	82.6%	
224.64	227.69	3.05	3.02	99.0%	1.97	64.6%	Very argillaceous, carbon rich
227.69	230.73	3.04	3.05	100.3%	2.34	77.0%	
230.73	233.78	3.05	2.89	94.8%	2.78	91.1%	
233.78	236.83	3.05	3.08	101.0%	2.95	96.7%	
236.83	239.88	3.05	3.01	98.7%	3.01	98.7%	
239.88	242.93	3.05	2.92	95.7%	2.74	89.8%	
242.93	245.97	3.04	3.02	99.3%	2.25	74.0%	
245.97	249.02	3.05	3.03	99.3%	2.78	91.1%	
249.02	252.07	3.05	3.06	100.3%	2.94	96.4%	
EOH							

NOTES: "RQD measured" represents a sum of the lengths of all pieces of core over 10 cm within the interval.
"RQD (%)" represents the "RQD measured" value divided by the length of recovered core for that interval.

GEOTECHNICAL LOG

Company: *Graymont Western Canada Inc.*

Project: *Giscome 2014* **Hole No:** *PAT 14-07*

From (m)	To (m)	Core Interval (m)	Actual Distance (m)	Recovery (%)	RQD measured (m)	RQD (%)	Comments
9.14	11.28	2.14	1.17	54.7%	0.28	13.1%	
11.28	14.33	3.05	1.83	60.0%	0.73	23.9%	
14.33	17.37	3.04	2.86	94.1%	2.03	66.8%	
17.37	20.42	3.05	2.90	95.1%	1.78	58.4%	
20.42	23.47	3.05	2.67	87.5%	1.83	60.0%	
23.47	26.52	3.05	2.97	97.4%	2.41	79.0%	
26.52	29.57	3.05	3.04	99.7%	2.43	79.7%	
29.57	32.61	3.04	2.95	97.0%	2.37	78.0%	
32.61	35.66	3.05	2.84	93.1%	2.49	81.6%	
35.66	38.71	3.05	3.03	99.3%	2.82	92.5%	
38.71	41.76	3.05	3.04	99.7%	2.76	90.5%	
41.76	44.81	3.05	2.99	98.0%	2.80	91.8%	
44.81	47.85	3.04	3.05	100.3%	2.77	91.1%	
47.85	50.90	3.05	3.06	100.3%	2.84	93.1%	
50.90	53.95	3.05	3.00	98.4%	2.75	90.2%	
53.95	57.00	3.05	2.91	95.4%	1.78	58.4%	Last metre is very broken up, brecciated zone
57.00	60.05	3.05	2.87	94.1%	1.36	44.6%	First metre very broken up, brecciated zone
60.05	63.09	3.04	2.94	96.7%	1.65	54.3%	Highly fractured
63.09	66.14	3.05	2.99	98.0%	1.63	53.4%	Highly fractured for first metre
66.14	69.19	3.05	2.91	95.4%	2.17	71.1%	Possible fault zone, rusty alteration along fractures
69.19	72.24	3.05	3.02	99.0%	2.62	85.9%	
72.24	75.29	3.05	2.97	97.4%	2.74	89.8%	
75.29	78.33	3.04	3.01	99.0%	2.14	70.4%	1 m of highly broken up core
78.33	81.38	3.05	3.10	101.6%	2.35	77.0%	
81.38	84.43	3.05	2.94	96.4%	2.77	90.8%	
84.43	87.48	3.05	3.00	98.4%	2.14	70.2%	
87.48	90.53	3.05	2.98	97.7%	2.32	76.1%	
90.53	93.57	3.04	2.95	97.0%	1.96	64.5%	
93.57	96.62	3.05	3.05	100.0%	2.20	72.1%	
96.62	99.67	3.05	2.90	95.1%	2.08	68.2%	Vuggy and broken up interval
99.67	102.72	3.05	2.94	96.4%	2.48	81.3%	
102.72	105.77	3.05	3.06	100.3%	2.60	85.2%	
105.77	108.81	3.04	3.02	99.3%	2.78	91.4%	
108.81	111.86	3.05	2.96	97.0%	2.25	73.8%	
111.86	114.91	3.05	2.79	91.5%	2.53	83.0%	Argillaceous, broken up zone
114.91	117.96	3.05	3.00	98.4%	2.40	78.7%	
117.96	121.00	3.04	3.01	99.0%	2.49	81.9%	
121.00	124.05	3.05	3.04	99.7%	2.72	89.2%	
124.05	127.10	3.05	3.01	98.7%	1.88	61.6%	
127.10	130.15	3.05	3.00	98.4%	2.52	82.6%	
130.15	133.20	3.05	3.01	98.7%	2.25	73.8%	
133.20	136.25	3.05	2.93	96.1%	2.12	69.5%	
136.25	139.29	3.04	2.99	98.4%	2.55	83.9%	
139.29	142.34	3.05	3.05	100.0%	2.63	86.2%	
142.34	145.39	3.05	2.98	97.7%	2.22	72.8%	
145.39	148.44	3.05	2.60	85.2%	1.03	33.8%	Broken up argillaceous mudstone

148.44	151.49	3.05	2.65	86.9%	2.27	74.4%	
EOH							

NOTES: "RQD measured" represents a sum of the lengths of all pieces of core over 10 cm within the interval.
"RQD (%)" represents the "RQD measured" value divided by the length of recovered core for that interval.

GEOTECHNICAL LOG

Company: ***Graymont Western Canada Inc.***

Project: ***Giscome 2014*** **Hole No:** ***PAT 14-08***

From (m)	To (m)	Core Interval (m)	Actual Distance (m)	Recovery (%)	RQD measured (m)	RQD (%)	Comments
9.14	11.28	2.14	1.74	81.3%	1.18	55.1%	
11.28	14.32	3.04	2.99	98.4%	1.83	60.2%	
14.32	17.37	3.05	2.98	97.7%	2.21	72.5%	
17.37	20.42	3.05	2.96	97.0%	2.04	66.9%	
20.42	23.47	3.05	2.99	98.0%	2.48	81.3%	
23.47	26.52	3.05	3.00	98.4%	2.85	93.4%	
26.52	29.57	3.05	3.01	98.7%	2.26	74.1%	
29.57	32.61	3.04	3.03	99.7%	2.62	86.2%	
32.61	35.66	3.05	2.99	98.0%	2.47	81.0%	
35.66	38.71	3.05	3.01	98.7%	2.53	83.0%	
38.71	41.76	3.05	3.03	99.3%	2.60	85.2%	
41.76	44.81	3.05	2.98	97.7%	2.53	83.0%	
44.81	47.85	3.04	3.01	99.0%	2.05	67.4%	Vuggy interval, broken up
47.85	50.90	3.05	3.03	99.3%	2.44	80.0%	
50.90	53.95	3.05	2.97	97.4%	2.72	89.2%	
53.95	57.00	3.05	3.02	99.0%	2.80	91.8%	
57.00	60.04	3.04	3.00	98.7%	2.79	91.8%	
60.04	63.09	3.05	2.99	98.0%	2.78	91.1%	
63.09	66.14	3.05	2.83	92.8%	2.05	67.2%	Very broken up interval, rubbly
66.14	69.19	3.05	3.07	100.7%	2.58	84.6%	
69.19	72.24	3.05	3.05	100.0%	2.83	92.8%	
72.24	75.29	3.05	2.87	94.1%	2.48	81.3%	
75.29	78.33	3.04	2.97	97.7%	2.63	86.5%	
78.33	81.38	3.05	3.05	100.0%	2.73	89.5%	
81.38	84.43	3.05	2.97	97.4%	2.74	89.8%	
84.43	87.48	3.05	3.05	100.0%	2.90	95.1%	
87.48	90.53	3.05	3.07	100.7%	2.84	93.1%	
90.53	93.57	3.04	2.96	97.4%	2.41	79.3%	
93.57	96.62	3.05	3.05	100.0%	2.57	84.3%	
96.62	99.67	3.05	3.00	98.4%	2.37	77.7%	
99.67	102.72	3.05	2.99	98.0%	2.40	78.7%	
102.72	105.77	3.05	3.05	100.0%	2.84	93.1%	
105.77	108.81	3.04	3.01	99.0%	2.48	81.6%	
108.81	111.86	3.05	2.89	94.8%	2.29	75.1%	Very broken up last 1 metre
111.86	114.91	3.05	3.00	98.4%	2.78	91.1%	
114.91	117.96	3.05	3.05	100.0%	2.83	92.8%	
117.96	121.01	3.05	3.04	99.7%	2.99	98.0%	
121.01	124.05	3.04	3.03	99.7%	2.91	95.7%	3 cm rubbly rusty interval
124.05	127.10	3.05	2.91	95.4%	2.39	78.4%	
127.10	130.15	3.05	3.03	99.3%	2.23	73.1%	50 cm of rusty fractured broken up rock
130.15	133.20	3.05	2.95	96.7%	2.21	72.5%	
133.20	136.25	3.05	2.97	97.4%	2.77	90.8%	
136.25	139.29	3.04	3.06	100.7%	2.87	94.4%	
139.29	142.34	3.05	3.02	99.0%	2.43	79.7%	Most of interval has rusty orange clay infilling fractures
142.34	145.39	3.05	3.04	99.7%	2.54	83.3%	
145.39	148.44	3.05	3.00	98.4%	2.68	87.9%	

148.44	151.49	3.05	3.02	99.0%	2.65	86.9%	
151.49	154.53	3.04	2.97	97.7%	2.10	69.1%	Carbonaceous, argillaceous, broken up
EOH							

NOTES: "RQD measured" represents a sum of the lengths of all pieces of core over 10 cm within the interval.
"RQD (%)" represents the "RQD measured" value divided by the length of recovered core for that interval.

APPENDIX 7: 2014 DOWNHOLE SURVEYS

APPENDIX 7: 2014 DOWNHOLE SURVEYS

Drillhole	Depth (m)	Dip (decimal degree)	Azimuth (decimal degree)	Survey Tool
PAT14-01	0	-56	0	Compass
PAT14-01	50.6	-58.3	2.8	Multi-shot
PAT14-01	53.6	-58	3.7	Multi-shot
PAT14-01	56.7	-58.3	3.4	Multi-shot
PAT14-01	59.7	-58.1	4	Multi-shot
PAT14-01	62.8	-58	3	Multi-shot
PAT14-01	65.8	-58.4	3.6	Multi-shot
PAT14-01	68.9	-58.1	3	Multi-shot
PAT14-01	71.9	-57.9	3.9	Multi-shot
PAT14-01	75	-58.3	4.2	Multi-shot
PAT14-01	78	-58.1	3.7	Multi-shot
PAT14-01	81.1	-57.9	4.7	Multi-shot
PAT14-01	84.1	-57.9	5	Multi-shot
PAT14-01	87.2	-58.2	4.8	Multi-shot
PAT14-01	90.2	-57.8	3.9	Multi-shot
PAT14-01	93.3	-58	5.3	Multi-shot
PAT14-01	96.3	-57.7	4.7	Multi-shot
PAT14-01	99.4	-58	3.9	Multi-shot
PAT14-01	102.4	-57.8	5.2	Multi-shot
PAT14-01	105.5	-57.8	4.2	Multi-shot
PAT14-01	108.5	-58.1	5.4	Multi-shot
PAT14-01	111.6	-57.8	4.3	Multi-shot
PAT14-01	114.6	-58	5.1	Multi-shot
PAT14-01	117.7	-57.6	5	Multi-shot
PAT14-01	120.7	-57.7	4.4	Multi-shot
PAT14-01	123.7	-57.9	5	Multi-shot
PAT14-01	126.8	-57.9	5.6	Multi-shot
PAT14-01	129.8	-57.6	5.6	Multi-shot
PAT14-01	132.9	-57.6	6.2	Multi-shot
PAT14-01	135.9	-57.6	5.2	Multi-shot
PAT14-01	139	-57.6	6.5	Multi-shot
PAT14-01	142	-57.7	5.2	Multi-shot
PAT14-01	145.1	-57.6	6.6	Multi-shot
PAT14-01	148.1	-57.5	6.3	Multi-shot
PAT14-01	151.2	-57.8	6.1	Multi-shot
PAT14-01	154.2	-57.9	6.9	Multi-shot
PAT14-01	157.3	-57.6	5.9	Multi-shot
PAT14-01	160.3	-57.8	6.6	Multi-shot
PAT14-01	163.4	-57.6	7.6	Multi-shot
PAT14-01	166.4	-57.5	6.3	Multi-shot
PAT14-01	169.5	-57.8	7.1	Multi-shot
PAT14-01	172.5	-57.9	7.2	Multi-shot
PAT14-01	175.6	-57.6	8	Multi-shot
PAT14-01	178.6	-57.8	7.6	Multi-shot
PAT14-01	181.7	-57.5	7.7	Multi-shot
PAT14-01	184.7	-57.5	8.2	Multi-shot
PAT14-01	187.8	-57.8	8	Multi-shot
PAT14-01	190.8	-57.8	8.4	Multi-shot
PAT14-01	193.9	-57.5	8.4	Multi-shot

PAT14-01	196.9	-57.7	8	Multi-shot
PAT14-01	199.9	-57.5	7.6	Multi-shot
PAT14-01	203	-57.8	8.2	Multi-shot
PAT14-01	206	-57.6	7.9	Multi-shot
PAT14-01	209.1	-57.8	8.9	Multi-shot
PAT14-01	212.1	-57.6	8.2	Multi-shot
PAT14-01	215.2	-57.5	9.5	Multi-shot
PAT14-01	218.2	-57.5	9.3	Multi-shot
PAT14-01	221.3	-57.5	9	Multi-shot
PAT14-01	224.3	-57.5	9	Multi-shot
PAT14-01	227.4	-57.7	9.2	Multi-shot
PAT14-01	230.4	-57.7	9.3	Multi-shot
PAT14-01	233.5	-57.7	9.2	Multi-shot
PAT14-01	236.5	-57.8	10.2	Multi-shot
PAT14-01	239.6	-57.8	10.9	Multi-shot
PAT14-01	242.6	-57.5	9.8	Multi-shot
PAT14-01	245.7	-57.9	11.1	Multi-shot
PAT14-02	0	-70.0	0	Compass
PAT14-02	53.9	-68.8	9.1	Multi-shot
PAT14-02	57	-68.2	9.1	Multi-shot
PAT14-02	60	-68.7	9.2	Multi-shot
PAT14-02	63.1	-68.4	8.8	Multi-shot
PAT14-02	66.1	-68.3	9	Multi-shot
PAT14-02	69.2	-68.3	9.1	Multi-shot
PAT14-02	72.2	-68.4	8.9	Multi-shot
PAT14-02	75.3	-68.1	9	Multi-shot
PAT14-02	78.3	-68	9.1	Multi-shot
PAT14-02	81.4	-68.3	9.8	Multi-shot
PAT14-02	84.4	-68.4	9.7	Multi-shot
PAT14-02	87.5	-68.2	9.5	Multi-shot
PAT14-02	90.5	-68	9.7	Multi-shot
PAT14-02	93.6	-67.9	10	Multi-shot
PAT14-02	96.6	-68.2	10.6	Multi-shot
PAT14-02	99.7	-68	10.2	Multi-shot
PAT14-02	102.7	-68.2	10.8	Multi-shot
PAT14-02	105.8	-68	10.3	Multi-shot
PAT14-02	108.8	-68	10.3	Multi-shot
PAT14-02	111.9	-68.4	10.7	Multi-shot
PAT14-02	114.9	-68	11.2	Multi-shot
PAT14-02	118	-68.3	11.6	Multi-shot
PAT14-02	121	-68.4	11.3	Multi-shot
PAT14-02	124.1	-68.4	11.3	Multi-shot
PAT14-02	127.1	-68.4	11.4	Multi-shot
PAT14-02	130.1	-68	11.5	Multi-shot
PAT14-02	133.2	-68	11.7	Multi-shot
PAT14-02	136.2	-68.5	11.5	Multi-shot
PAT14-02	139.3	-68.1	11.9	Multi-shot
PAT14-02	142.3	-68.5	11.8	Multi-shot
PAT14-02	145.4	-68.2	12	Multi-shot
PAT14-02	148.4	-68.4	11.8	Multi-shot
PAT14-02	151.5	-68.4	12.4	Multi-shot
PAT14-02	154.5	-68.5	12.5	Multi-shot
PAT14-02	157.6	-68.5	12.5	Multi-shot
PAT14-02	160.6	-68.5	12.6	Multi-shot
PAT14-02	163.7	-68.5	12.6	Multi-shot

PAT14-02	166.7	-68	12.3	Multi-shot
PAT14-02	169.8	-68.5	12.2	Multi-shot
PAT14-02	172.8	-68.5	12.5	Multi-shot
PAT14-02	175.9	-68.4	12.6	Multi-shot
PAT14-02	178.9	-68.1	12.6	Multi-shot
PAT14-02	182	-68.4	12.7	Multi-shot
PAT14-02	185	-68.1	12.5	Multi-shot
PAT14-02	188.1	-68.2	13	Multi-shot
PAT14-02	191.1	-68.3	13.1	Multi-shot
PAT14-02	194.2	-68.5	12.6	Multi-shot
PAT14-02	197.2	-68.2	13.1	Multi-shot
PAT14-02	200.3	-68.6	13	Multi-shot
PAT14-02	203.3	-68.5	12.8	Multi-shot
PAT14-02	206.3	-68.1	12.8	Multi-shot
PAT14-02	209.4	-68.3	12.9	Multi-shot
PAT14-02	212.4	-68.3	13.3	Multi-shot
PAT14-02	215.5	-68.1	13.2	Multi-shot
PAT14-02	218.5	-68.5	13.5	Multi-shot
PAT14-02	221.6	-68.1	13.5	Multi-shot
PAT14-02	224.6	-68.1	13.4	Multi-shot
PAT14-02	227.7	-68.1	13.5	Multi-shot
PAT14-02	230.7	-68.2	14	Multi-shot
PAT14-02	233.8	-68.3	13.9	Multi-shot
PAT14-02	236.8	-68.5	13.7	Multi-shot
PAT14-02	239.9	-68.3	13.7	Multi-shot
PAT14-02	242.9	-68.1	13.9	Multi-shot
PAT14-02	246	-68.7	14	Multi-shot
PAT14-02	249	-68.2	14.2	Multi-shot
PAT14-02	252.1	-68.5	14.2	Multi-shot
PAT14-02	255.1	-68.3	14.5	Multi-shot
PAT14-02	258.2	-68.6	14.7	Multi-shot
PAT14-02	261.2	-68.6	14.8	Multi-shot
PAT14-02	264.3	-68.3	14.4	Multi-shot
PAT14-02	267.3	-68.3	15	Multi-shot
PAT14-02	270.4	-68.7	15	Multi-shot
PAT14-02	273.4	-68.2	15	Multi-shot
PAT14-02	276.5	-68.3	14.9	Multi-shot
PAT14-03	0	-80	18	Compass
PAT14-03	11.3	-79.3	18	Multi-shot
PAT14-03	14.3	-78.8	15.9	Multi-shot
PAT14-03	17.4	-79.3	16.2	Multi-shot
PAT14-03	20.4	-79.3	14.8	Multi-shot
PAT14-03	23.5	-79.1	13.7	Multi-shot
PAT14-03	26.5	-79.3	16.3	Multi-shot
PAT14-03	29.6	-79.4	15	Multi-shot
PAT14-03	32.6	-78.4	13.5	Multi-shot
PAT14-03	35.7	-79.3	14.7	Multi-shot
PAT14-03	38.7	-79.1	13.1	Multi-shot
PAT14-03	41.8	-79.2	14.8	Multi-shot
PAT14-03	44.8	-78.8	14.7	Multi-shot
PAT14-03	47.9	-78.9	13	Multi-shot
PAT14-03	50.9	-79.2	14.4	Multi-shot
PAT14-03	53.9	-78.8	11.6	Multi-shot
PAT14-03	57	-78.5	12.2	Multi-shot
PAT14-03	60	-79.2	13.7	Multi-shot

PAT14-03	63.1	-78.9	11.5	Multi-shot
PAT14-03	66.1	-78.9	14.1	Multi-shot
PAT14-03	69.2	-79	14.1	Multi-shot
PAT14-03	72.2	-78.7	12.9	Multi-shot
PAT14-03	75.3	-79.1	11.8	Multi-shot
PAT14-03	78.3	-79.2	13.6	Multi-shot
PAT14-03	81.4	-78.7	12.9	Multi-shot
PAT14-03	84.4	-79.2	13.8	Multi-shot
PAT14-03	87.5	-79.3	13.6	Multi-shot
PAT14-03	90.5	-79.3	12.8	Multi-shot
PAT14-03	93.6	-78.7	12.6	Multi-shot
PAT14-03	96.6	-78.6	10.8	Multi-shot
PAT14-03	99.7	-78.6	10.9	Multi-shot
PAT14-03	102.7	-79.3	12.2	Multi-shot
PAT14-03	105.8	-78.7	10.1	Multi-shot
PAT14-03	108.8	-78.9	12.1	Multi-shot
PAT14-03	111.9	-78.8	11.3	Multi-shot
PAT14-03	114.9	-79.1	12.2	Multi-shot
PAT14-03	118	-78.8	9.5	Multi-shot
PAT14-03	121	-79.5	11.2	Multi-shot
PAT14-03	124.1	-79.2	12.5	Multi-shot
PAT14-03	127.1	-79.1	12.6	Multi-shot
PAT14-03	130.1	-78.8	10.2	Multi-shot
PAT14-03	133.2	-79	9.8	Multi-shot
PAT14-03	136.2	-79.3	10	Multi-shot
PAT14-03	139.3	-79.6	11.2	Multi-shot
PAT14-03	142.3	-78.9	11.2	Multi-shot
PAT14-03	145.4	-79.4	12	Multi-shot
PAT14-03	148.4	-78.9	10.7	Multi-shot
PAT14-03	151.5	-79	9.1	Multi-shot
PAT14-03	154.5	-79.5	11.7	Multi-shot
PAT14-03	157.6	-79.5	11.9	Multi-shot
PAT14-03	160.6	-79.1	9.6	Multi-shot
PAT14-03	163.7	-79.1	9	Multi-shot
PAT14-03	166.7	-79.2	10.3	Multi-shot
PAT14-03	169.8	-79.8	10.7	Multi-shot
PAT14-03	172.8	-79.7	11.1	Multi-shot
PAT14-03	175.9	-79.3	10.4	Multi-shot
PAT14-03	178.9	-79.5	11.2	Multi-shot
PAT14-03	182	-79.6	11.1	Multi-shot
PAT14-03	185	-79.8	8.6	Multi-shot
PAT14-03	188.1	-80	10.6	Multi-shot
PAT14-03	191.1	-79.5	7.7	Multi-shot
PAT14-03	194.2	-80	9.6	Multi-shot
PAT14-03	197.2	-79.5	10.2	Multi-shot
PAT14-03	200.3	-79.9	10.5	Multi-shot
PAT14-03	203.3	-79.4	8.5	Multi-shot
PAT14-03	206.3	-79.3	8.1	Multi-shot
PAT14-03	209.4	-80	9.8	Multi-shot
PAT14-03	212.4	-79.9	10.4	Multi-shot
PAT14-03	215.5	-79.5	9.6	Multi-shot
PAT14-03	218.5	-80.2	9.2	Multi-shot
PAT14-03	221.6	-79.5	8.4	Multi-shot
PAT14-04	0	-71	15	Compass
PAT14-04	17.4	-69.8	18	Multi-shot

PAT14-04	20.4	-69.7	18.1	Multi-shot
PAT14-04	23.5	-69.8	18.9	Multi-shot
PAT14-04	26.5	-69.8	18.1	Multi-shot
PAT14-04	29.6	-69.6	18.5	Multi-shot
PAT14-04	32.6	-69.8	18.7	Multi-shot
PAT14-04	35.7	-70	19.7	Multi-shot
PAT14-04	38.7	-69.7	19	Multi-shot
PAT14-04	41.8	-69.7	19.6	Multi-shot
PAT14-04	44.8	-69.8	19.1	Multi-shot
PAT14-04	47.9	-69.6	18.9	Multi-shot
PAT14-04	50.9	-69.8	19.8	Multi-shot
PAT14-04	53.9	-69.6	19.5	Multi-shot
PAT14-04	57	-69.9	19.9	Multi-shot
PAT14-04	60	-69.8	20.5	Multi-shot
PAT14-04	63.1	-69.7	19.7	Multi-shot
PAT14-04	66.1	-69.9	20.7	Multi-shot
PAT14-04	69.2	-70	20.2	Multi-shot
PAT14-04	72.2	-69.7	19.9	Multi-shot
PAT14-04	75.3	-69.7	19.2	Multi-shot
PAT14-04	78.3	-69.5	18.3	Multi-shot
PAT14-04	81.4	-69.6	18.2	Multi-shot
PAT14-04	84.4	-69.8	18.3	Multi-shot
PAT14-04	87.5	-69.5	17.8	Multi-shot
PAT14-04	90.5	-69.9	18	Multi-shot
PAT14-04	93.6	-70	18.1	Multi-shot
PAT14-04	96.6	-69.9	17.7	Multi-shot
PAT14-04	99.7	-70.2	18.1	Multi-shot
PAT14-04	102.7	-69.9	17.5	Multi-shot
PAT14-04	105.8	-70.1	17.8	Multi-shot
PAT14-04	108.8	-69.8	17.7	Multi-shot
PAT14-04	111.9	-69.9	17.3	Multi-shot
PAT14-04	114.9	-70	18.2	Multi-shot
PAT14-04	118	-70	18.3	Multi-shot
PAT14-04	121	-69.8	17.5	Multi-shot
PAT14-04	124.1	-70	17.6	Multi-shot
PAT14-04	127.1	-69.9	17.8	Multi-shot
PAT14-04	130.1	-70.2	18.5	Multi-shot
PAT14-04	133.2	-70	17.7	Multi-shot
PAT14-04	136.2	-69.8	17.8	Multi-shot
PAT14-04	139.3	-69.9	17.9	Multi-shot
PAT14-04	142.3	-70.1	18.2	Multi-shot
PAT14-04	145.4	-70.2	18.3	Multi-shot
PAT14-04	148.4	-70.3	19	Multi-shot
PAT14-04	151.5	-70.2	18.9	Multi-shot
PAT14-04	154.5	-70.4	18.8	Multi-shot
PAT14-04	157.6	-69.9	17.9	Multi-shot
PAT14-04	160.6	-70.4	18.5	Multi-shot
PAT14-04	163.7	-69.9	17.4	Multi-shot
PAT14-04	166.7	-70	17.4	Multi-shot
PAT14-04	169.8	-70	17.6	Multi-shot
PAT14-04	172.8	-69.6	16.4	Multi-shot
PAT14-04	175.9	-70	17.2	Multi-shot
PAT14-04	178.9	-70.1	17	Multi-shot
PAT14-04	182	-70.1	17	Multi-shot
PAT14-04	185	-70	16.8	Multi-shot

PAT14-04	188.1	-69.9	16.3	Multi-shot
PAT14-05	0	-70	0	Compass
PAT14-05	20.4	-69.8	9.6	Multi-shot
PAT14-05	23.5	-69.8	10	Multi-shot
PAT14-05	26.5	-69.7	9.5	Multi-shot
PAT14-05	29.6	-69.9	11.5	Multi-shot
PAT14-05	32.6	-69.9	10.8	Multi-shot
PAT14-05	35.7	-69.6	9.3	Multi-shot
PAT14-05	38.7	-69.5	9.5	Multi-shot
PAT14-05	41.8	-69.5	10.7	Multi-shot
PAT14-05	44.8	-69.7	10.9	Multi-shot
PAT14-05	47.9	-69.5	9.7	Multi-shot
PAT14-05	50.9	-69.8	11.9	Multi-shot
PAT14-05	53.9	-69.3	9.5	Multi-shot
PAT14-05	57	-69.6	10.7	Multi-shot
PAT14-05	60	-69.1	9.5	Multi-shot
PAT14-05	63.1	-69.4	11.6	Multi-shot
PAT14-05	66.1	-68.9	10	Multi-shot
PAT14-05	69.2	-69	10.5	Multi-shot
PAT14-05	72.2	-68.9	9.5	Multi-shot
PAT14-05	75.3	-69.1	10.6	Multi-shot
PAT14-05	78.3	-69	9.8	Multi-shot
PAT14-05	81.4	-69.2	11	Multi-shot
PAT14-05	84.4	-69.3	11.4	Multi-shot
PAT14-05	87.5	-69	9.6	Multi-shot
PAT14-05	90.5	-69.3	10.7	Multi-shot
PAT14-05	93.6	-65.4	11.6	Multi-shot
PAT14-05	96.6	-69	9.9	Multi-shot
PAT14-05	99.7	-69.4	11.7	Multi-shot
PAT14-05	102.7	-69.4	11.7	Multi-shot
PAT14-05	105.8	-69.1	10.2	Multi-shot
PAT14-05	108.8	-69.1	10.1	Multi-shot
PAT14-05	111.9	-68.9	9.5	Multi-shot
PAT14-05	114.9	-69	9.5	Multi-shot
PAT14-05	118	-69	9.5	Multi-shot
PAT14-05	121	-68.9	9.9	Multi-shot
PAT14-05	124.1	-69.1	10.4	Multi-shot
PAT14-05	127.1	-69.3	11.4	Multi-shot
PAT14-05	130.1	-69.3	12.1	Multi-shot
PAT14-05	133.2	-69	9.6	Multi-shot
PAT14-05	136.2	-69.2	11.3	Multi-shot
PAT14-05	139.3	-69	9.8	Multi-shot
PAT14-05	142.3	-68.7	9.5	Multi-shot
PAT14-05	145.4	-69.1	10.3	Multi-shot
PAT14-05	148.4	-68.9	8.3	Multi-shot
PAT14-05	151.5	-69	9.4	Multi-shot
PAT14-05	154.5	-69.1	9.3	Multi-shot
PAT14-05	157.6	-69.3	10.6	Multi-shot
PAT14-05	160.6	-69.2	9.4	Multi-shot
PAT14-05	163.7	-69.3	10.1	Multi-shot
PAT14-05	166.7	-68.9	8.7	Multi-shot
PAT14-05	169.8	-69.1	10.1	Multi-shot
PAT14-05	172.8	-69	9.5	Multi-shot
PAT14-05	175.9	-69	10	Multi-shot
PAT14-05	178.9	-69.1	10.5	Multi-shot

PAT14-05	182	-69.2	10.2	Multi-shot
PAT14-05	185	-69.3	9.9	Multi-shot
PAT14-05	188.1	-69.2	10.2	Multi-shot
PAT14-05	191.1	-69.5	11.7	Multi-shot
PAT14-05	194.2	-69.3	10.7	Multi-shot
PAT14-05	197.2	-69.6	12.6	Multi-shot
PAT14-05	200.3	-69.3	10.5	Multi-shot
PAT14-05	203.3	-69.6	11.6	Multi-shot
PAT14-05	206.3	-69.5	11.4	Multi-shot
PAT14-05	209.4	-69.7	12.3	Multi-shot
PAT14-05	212.4	-69.6	11.7	Multi-shot
PAT14-05	215.5	-69.3	10.2	Multi-shot
PAT14-05	218.5	-69.5	11	Multi-shot
PAT14-05	221.6	-69.4	10.1	Multi-shot
PAT14-05	224.6	-69.7	12.3	Multi-shot
PAT14-05	227.7	-69.8	12.3	Multi-shot
PAT14-05	230.7	-69.8	12.5	Multi-shot
PAT14-05	233.8	-69.4	10.2	Multi-shot
PAT14-05	236.8	-69.8	12.6	Multi-shot
PAT14-05	239.9	-69.4	10	Multi-shot
PAT14-05	242.9	-69.8	12	Multi-shot
PAT14-05	246	-69.8	12.3	Multi-shot
PAT14-05	249	-69.7	11.8	Multi-shot
PAT14-05	252.1	-69.7	12.4	Multi-shot
PAT14-05	255.1	-69.5	11.1	Multi-shot
PAT14-05	258.2	-69.3	10	Multi-shot
PAT14-05	261.2	-69.4	10.8	Multi-shot
PAT14-05	264.3	-69.3	10.4	Multi-shot
PAT14-05	267.3	-69.2	9.9	Multi-shot
PAT14-05	270.4	-69.6	11.9	Multi-shot
PAT14-05	273.4	-69.6	12	Multi-shot
PAT14-05	276.5	-69.2	9.9	Multi-shot
PAT14-05	279.5	-69.5	11.6	Multi-shot
PAT14-05	282.5	-69.4	11.2	Multi-shot
PAT14-06	0	-70	0	Compass
PAT14-06	29.6	-68.9	0.1	Multi-shot
PAT14-06	32.6	-69	0.1	Multi-shot
PAT14-06	35.7	-69.4	2.2	Multi-shot
PAT14-06	38.7	-69.3	0.7	Multi-shot
PAT14-06	41.8	-68.7	2.5	Multi-shot
PAT14-06	44.8	-69.3	2.1	Multi-shot
PAT14-06	47.9	-69.5	2.9	Multi-shot
PAT14-06	50.9	-69.5	3.3	Multi-shot
PAT14-06	53.9	-69.1	1.3	Multi-shot
PAT14-06	57	-69.4	2.5	Multi-shot
PAT14-06	60	-69.3	3.7	Multi-shot
PAT14-06	63.1	-69.2	3	Multi-shot
PAT14-06	66.1	-69.3	3.3	Multi-shot
PAT14-06	69.2	-69	1.8	Multi-shot
PAT14-06	72.2	-69.3	3.9	Multi-shot
PAT14-06	75.3	-69.1	3.5	Multi-shot
PAT14-06	78.3	-69.2	3.8	Multi-shot
PAT14-06	81.4	-69.2	4.1	Multi-shot
PAT14-06	84.4	-69.2	4.3	Multi-shot
PAT14-06	87.5	-69.1	4.3	Multi-shot

PAT14-06	90.5	-69.3	4.4	Multi-shot
PAT14-06	93.6	-69.2	3.9	Multi-shot
PAT14-06	96.6	-69.1	3.2	Multi-shot
PAT14-06	99.7	-68.8	3.1	Multi-shot
PAT14-06	102.7	-68.8	2.8	Multi-shot
PAT14-06	105.8	-69.2	4.4	Multi-shot
PAT14-06	108.8	-68.9	3.9	Multi-shot
PAT14-06	111.9	-68.9	2.6	Multi-shot
PAT14-06	114.9	-69.3	4.3	Multi-shot
PAT14-06	118	-69.2	3.7	Multi-shot
PAT14-06	121	-69.2	3.5	Multi-shot
PAT14-06	124.1	-69.1	3	Multi-shot
PAT14-06	127.1	-69.1	3	Multi-shot
PAT14-06	130.1	-69.3	3.9	Multi-shot
PAT14-06	133.2	-69.2	3.7	Multi-shot
PAT14-06	136.2	-69.4	4.5	Multi-shot
PAT14-06	139.3	-69.4	4.8	Multi-shot
PAT14-06	142.3	-69.1	3.3	Multi-shot
PAT14-06	145.4	-69.1	2.6	Multi-shot
PAT14-06	148.4	-69.4	4.7	Multi-shot
PAT14-06	151.5	-69.2	3.7	Multi-shot
PAT14-06	154.5	-69.2	3.6	Multi-shot
PAT14-06	157.6	-69.5	5.1	Multi-shot
PAT14-06	160.6	-69.3	4.3	Multi-shot
PAT14-06	163.7	-69.6	5.2	Multi-shot
PAT14-06	166.7	-69.2	3.3	Multi-shot
PAT14-06	169.8	-69.6	5	Multi-shot
PAT14-06	172.8	-69.1	3.7	Multi-shot
PAT14-06	175.9	-69.5	5.1	Multi-shot
PAT14-06	178.9	-69.1	3.9	Multi-shot
PAT14-06	182	-69.3	4.4	Multi-shot
PAT14-06	185	-69.3	4.9	Multi-shot
PAT14-06	188.1	-69.1	3.4	Multi-shot
PAT14-06	191.1	-69.5	5.3	Multi-shot
PAT14-06	194.2	-69.5	5.2	Multi-shot
PAT14-06	197.2	-69.2	3.7	Multi-shot
PAT14-06	200.3	-69.6	6	Multi-shot
PAT14-06	203.3	-69.6	6.1	Multi-shot
PAT14-06	206.3	-69.6	5.9	Multi-shot
PAT14-06	209.4	-69.4	5.3	Multi-shot
PAT14-06	212.4	-69.4	4.6	Multi-shot
PAT14-06	215.5	-69.3	4.3	Multi-shot
PAT14-06	218.5	-69.3	4	Multi-shot
PAT14-06	221.6	-69.7	6	Multi-shot
PAT14-06	224.6	-69.3	4.2	Multi-shot
PAT14-06	227.7	-69.3	4.3	Multi-shot
PAT14-06	230.7	-69.7	5.9	Multi-shot
PAT14-06	233.8	-69.8	6.4	Multi-shot
PAT14-06	236.8	-69.6	5.8	Multi-shot
PAT14-06	239.9	-69.4	4.8	Multi-shot
PAT14-06	242.9	-69.8	6.6	Multi-shot
PAT14-06	246	-69.8	6.7	Multi-shot
PAT14-06	249	-69.6	6	Multi-shot
PAT14-06	252.1	-69.9	6.9	Multi-shot
PAT14-06	255.1	-69.9	6.7	Multi-shot

PAT14-07	0	-75	0	Compass
PAT14-07	14.3	-75.9	7.7	Multi-shot
PAT14-07	17.4	-76.6	9.4	Multi-shot
PAT14-07	20.4	-76.3	9.4	Multi-shot
PAT14-07	23.5	-75.8	10	Multi-shot
PAT14-07	26.5	-75.8	8.6	Multi-shot
PAT14-07	29.6	-76.3	9.2	Multi-shot
PAT14-07	32.6	-76.2	10.1	Multi-shot
PAT14-07	35.7	-75.9	9.3	Multi-shot
PAT14-07	38.7	-76.3	10.5	Multi-shot
PAT14-07	41.8	-76	9.7	Multi-shot
PAT14-07	44.8	-76.4	10.5	Multi-shot
PAT14-07	47.9	-76.4	11.1	Multi-shot
PAT14-07	50.9	-75.9	8.9	Multi-shot
PAT14-07	53.9	-76.3	11.1	Multi-shot
PAT14-07	57	-76.4	11.4	Multi-shot
PAT14-07	60	-76	10.8	Multi-shot
PAT14-07	63.1	-76.3	11.1	Multi-shot
PAT14-07	66.1	-75.8	9.3	Multi-shot
PAT14-07	69.2	-76.3	11.8	Multi-shot
PAT14-07	72.2	-76.1	10.6	Multi-shot
PAT14-07	75.3	-75.8	8.9	Multi-shot
PAT14-07	78.3	-76.4	11.4	Multi-shot
PAT14-07	81.4	-75.9	9.1	Multi-shot
PAT14-07	84.4	-75.8	9.8	Multi-shot
PAT14-07	87.5	-76.3	10	Multi-shot
PAT14-07	90.5	-76.2	11	Multi-shot
PAT14-07	93.6	-76.2	9.9	Multi-shot
PAT14-07	96.6	-76.1	10.6	Multi-shot
PAT14-07	99.7	-75.9	8.7	Multi-shot
PAT14-07	102.7	-76.3	10.8	Multi-shot
PAT14-07	105.8	-76	8.7	Multi-shot
PAT14-07	108.8	-76.2	10.6	Multi-shot
PAT14-07	111.9	-76.1	8.7	Multi-shot
PAT14-07	114.9	-76.4	10.4	Multi-shot
PAT14-07	118	-76.2	10.6	Multi-shot
PAT14-07	121	-76	8.4	Multi-shot
PAT14-07	124.1	-76	8.2	Multi-shot
PAT14-07	127.1	-75.9	8.9	Multi-shot
PAT14-07	130.1	-75.9	8.5	Multi-shot
PAT14-07	133.2	-76.4	10	Multi-shot
PAT14-07	136.2	-76.2	10.6	Multi-shot
PAT14-07	139.3	-76.4	9.5	Multi-shot
PAT14-07	142.3	-75.9	8.5	Multi-shot
PAT14-07	145.4	-76.2	8.9	Multi-shot
PAT14-07	148.4	-75.9	8.3	Multi-shot
PAT14-07	151.5	-75.6	8.9	Multi-shot
PAT14-08	0	-70	0	Compass
PAT14-08	17.4	-69.4	5.6	Multi-shot
PAT14-08	20.4	-69.1	4.6	Multi-shot
PAT14-08	23.5	-69.3	4.4	Multi-shot
PAT14-08	26.5	-68.6	5.7	Multi-shot
PAT14-08	29.6	-68.4	5.2	Multi-shot
PAT14-08	32.6	-69.4	6.3	Multi-shot
PAT14-08	35.7	-69.1	4.9	Multi-shot

PAT14-08	38.7	-69.1	5	Multi-shot
PAT14-08	41.8	-69	5.1	Multi-shot
PAT14-08	44.8	-69.1	5.2	Multi-shot
PAT14-08	47.9	-69.4	6.4	Multi-shot
PAT14-08	50.9	-69.2	4.8	Multi-shot
PAT14-08	53.9	-69.5	6.5	Multi-shot
PAT14-08	57	-69	5	Multi-shot
PAT14-08	60	-69	5.2	Multi-shot
PAT14-08	63.1	-69.2	4.7	Multi-shot
PAT14-08	66.1	-69.5	6.4	Multi-shot
PAT14-08	69.2	-69.3	6	Multi-shot
PAT14-08	72.2	-69.5	6.5	Multi-shot
PAT14-08	75.3	-69.5	6.5	Multi-shot
PAT14-08	78.3	-69.2	4.8	Multi-shot
PAT14-08	81.4	-69.3	6.4	Multi-shot
PAT14-08	84.4	-69.2	5.9	Multi-shot
PAT14-08	87.5	-69.1	5	Multi-shot
PAT14-08	90.5	-69.3	6.4	Multi-shot
PAT14-08	93.6	-69.4	6.9	Multi-shot
PAT14-08	96.6	-69.2	5.2	Multi-shot
PAT14-08	99.7	-69.3	5.9	Multi-shot
PAT14-08	102.7	-69.4	5.7	Multi-shot
PAT14-08	105.8	-69.4	5.8	Multi-shot
PAT14-08	108.8	-69.4	7	Multi-shot
PAT14-08	111.9	-69.8	7.5	Multi-shot
PAT14-08	114.9	-69.5	5.7	Multi-shot
PAT14-08	118	-69.8	6.9	Multi-shot
PAT14-08	121	-69.8	7.2	Multi-shot
PAT14-08	124.1	-69.8	7.7	Multi-shot
PAT14-08	127.1	-69.5	7.3	Multi-shot
PAT14-08	130.1	-69.7	7.8	Multi-shot
PAT14-08	133.2	-69.8	6.8	Multi-shot
PAT14-08	136.2	-69.5	6.1	Multi-shot
PAT14-08	139.3	-69.6	6.9	Multi-shot
PAT14-08	142.3	-69.4	5.7	Multi-shot
PAT14-08	145.4	-69.7	7.3	Multi-shot
PAT14-08	148.4	-69.5	6.5	Multi-shot
PAT14-08	151.5	-69.6	6.3	Multi-shot
PAT14-08	154.5	-69.6	6.5	Multi-shot
PAT14-08	157.6	-69.8	7.2	Multi-shot

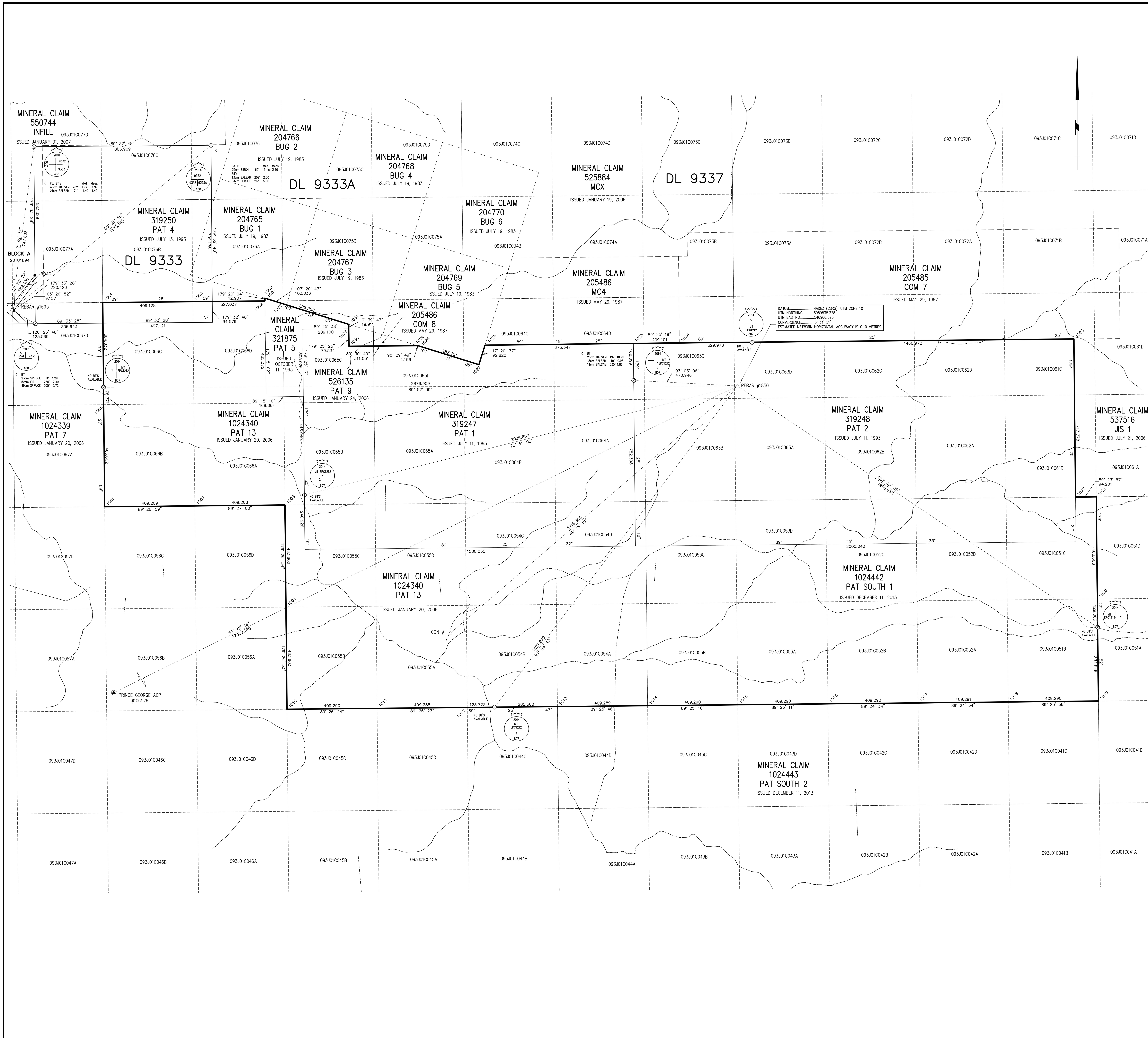
APPENDIX 8: STATEMENT OF QUALIFICATIONS

The field work described in this report was supervised by Patrick Kluczny, P.Geol.

P. Kluczny is a geological consultant with Dahrouge Geological Consulting Ltd. based in Edmonton, Alberta. He obtained a degree in Geology from the University of Alberta, Edmonton in 2006 and has been employed in the mineral exploration industry since. He is registered as a P.Geol. with the Association of Professional Engineers and Geoscientists of Alberta.

K. Krueger is a geological consultant with Dahrouge Geological Consulting Ltd. based in Edmonton, Alberta. She obtained a degree in Geology from the University of Alberta, Edmonton in 2012 and has been employed in the mineral exploration industry since. She is registered as a Geo.I.T. with the Association of Professional Engineers and Geoscientists of Alberta.

PLAN EPC1212



PLAN OF SURVEY OF MINERAL CLAIMS 319247, 319248, 321875, 526135, 1024340, AND 1024442 ALL OF CARIBOO DISTRICT

BCGS 93J.009

SCALE : 1:6000

0 50 100 200 300 400 500 m

(ALL DIMENSIONS ARE IN METRES)

THE INTENDED PLOT SIZE OF THIS PLAN IS 1120mm IN LENGTH AND 864mm IN WIDTH (E SIZE) WHEN PLOTTED AT A SCALE OF 1:6000

LEGEND

GRID BEARINGS ARE DERIVED FROM DIFFERENTIAL CARRIER PHASE GNSS OBSERVATIONS AND ARE REFERRED TO THE CENTRAL MERIDIAN OF U.T.M. ZONE 10 (123° WEST LONGITUDE). TO OBTAIN THE LOCAL ASTRONOMIC AZIMUTH THROUGH SELECTED POINTS APPLY CONVERGENCE AS SHOWN.

THE UTM COORDINATES AND ESTIMATED NETWORK HORIZONTAL ACCURACY ARE DERIVED FROM DUAL FREQUENCY BASELINE TIES TO PRINCE GEORGE ACP GCM No. 106526.

THIS PLAN SHOWS UTM GRID DISTANCES AND AREAS (UNLESS OTHERWISE STATED). TO COMPUTE HORIZONTAL GROUND LEVEL DISTANCES BASED ON A MEAN ELLIPSOIDAL ELEVATION OF 727 METRES DIVIDE GRID DISTANCES BY A COMBINED FACTOR OF 0.9995133.

LEGACY CLAIM COORDINATES WERE OBTAINED FROM THE MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES AND ARE NAD83 (CSRS), UTM ZONE 10.

NO BOUNDARY LINES WERE CUT OR BLAZED DURING THE COURSE OF THIS SURVEY.

ALL BEARINGS TO BEARING TREES ARE MAGNETIC. DECLINATION = 18° 0.0' EAST

SOME SYMBOLS AND LINES MAY BE EXAGGERATED FOR CLARITY.

A METAL REFERENCE POST WAS PLACED 30cm FROM EACH CAPPED POST.

- DENOTES ACTIVE GPS CONTROL
- DENOTES STANDARD CAPPED POST SET
- DENOTES REBAR SET
- Wt DENOTES WITNESS
- ha DENOTES HECTARES
- UCL DENOTES UNSURVEYED CROWN LAND
- 500 DENOTES LEASE CORNER NUMBER
- 10004 DENOTES MONUMENT NUMBER
- 092H07H013B DENOTES TYPICAL MINERAL CELL DESIGNATION
- DENOTES CENTRELINE OF WATER COURSE AND DRAINAGE BASINS OBTAINED FROM GEOBC
- DENOTES MINERAL CELL BOUNDARY
- DENOTES BCGS GRID
- DENOTES CENTRELINE OF ROADS OBTAINED FROM GEOBC
- DENOTES BOUNDARIES OF MINERAL CLAIMS
- DENOTES LEGACY CLAIM BOUNDARY

UTM COORDINATE TABLE EXTERNAL BOUNDARIES		
POINT	NORTHING	EASTING
1000	5990236.97	544821.49
1001	5990228.36	544821.59
1002	5990224.06	544821.65
1003	5990220.92	544494.63
1004	5990216.99	544085.52
1005	5989753.41	544089.95
1006	5989289.83	544094.38
1007	5989293.76	544503.57
1008	5989297.69	544912.76
1009	5988834.11	544917.27
1010	5988370.53	544921.78
1011	5988374.53	545331.05
1012	5988378.53	545740.32
1013	5988382.61	546149.59
1014	5988386.68	546558.86
1015	5988390.83	546968.12
1016	5988394.97	547377.39
1017	5988399.19	547786.66
1018	5988403.41	548195.93
1019	5988407.70	548605.20
1020	5988871.28	548600.33
1021	5989334.87	548595.46
1022	5989333.88	548501.26
1023	5990051.62	548494.02
1024	5990033.60	546703.16
1025	5990031.49	546494.07
1026	5990023.54	545820.77
1027	5989934.94	545793.10
1028	5990020.52	545518.37
1029	5990021.14	545514.22
1030	5990018.50	545203.20
1031	5990117.94	545202.63
1032	5990211.24	544903.87
1033	5990098.03	545202.40

UTM COORDINATE TABLE CAPPED POSTS AND GPS CONTROL		
POINT	NORTHING	EASTING
1	5989832.18	544089.188
2	5989342.91	545000.907
3	5988380.01	545864.031
4	5988742.23	548601.719
5	5990036.30	547033.128
6	5989863.40	546495.812
1850	5989838.33	546966.09

UTM COORDINATE TABLE CAPPED POSTS AND GPS CONTROL		
POINT	NORTHING	EASTING
1	5990181.018	543681.777
5	5990341.253	543777.756
11	5990924.565	543773.278
14	5990120.840	543779.480
20	5990930.924	544577.162
1695	5990183.456	543672.950

TABLE OF CLAIM AREAS	
MINERAL CLAIM	AREA
319247	150.00ha
319248	200.00ha
321875	25.00ha
526135	18.98ha
1024340	246.82ha
1024442	189.87ha
TOTAL AREA	830.67ha

THE FIELD SURVEY REPRESENTED BY THIS PLAN WAS COMPLETED ON THE 9TH DAY OF JUNE, 2014.

ROBERT R. M. YATES, BCLS (807)

McElhanney

McELHANNEY ASSOCIATES
LAND SURVEYING LTD.
100 780 BEATTY STREET
VANCOUVER, B.C. V6B 2M1
TEL: 604-683-8521
FAX: 604-683-4350
OUR FILE NO. 2113-02565-00
OUR DRAWING NO. 02565-0-01.dwg

THIS PLAN LIES WITHIN THE FRASER FORT-GEORGE REGIONAL DISTRICT

CROWN FILE: 0888680