

REPORT ON THE 2009 DIAMOND DRILL PROGRAM
SIDACE LAKE PROJECT
RED LAKE MINING DIVISION
FOR

Planet Explorations Inc.
And
Goldcorp Canada Ltd.

January, 2011
by
P. Chantigny

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1. INTRODUCTION

In January 2003, Planet Exploration Inc. and Goldcorp Inc. entered into a joint-venture option agreement to explore further the Sidace Lake property. Goldcorp presently holds 60% of the property and since 2004, the management of the programs has been carried out by Goldcorp personnel. Prior to this time period, Clarke Exploration Consulting of Thunder Bay, Ontario was leading the project.

Planning for the 2009 diamond drill program was carried out by A. P. Pryslak and Anthony Stechishen of Goldcorp and Adrian Mann of Planet Exploration. Field supervision and core logging were conducted by Ben Howes, A.P. Pryslak and L. C. Chastko.

The drilling was centered mostly on the Main (claim 1210049) and Upper Duck (claim 1210390) zones and one hole was drilled on the Anderson Lake zone (claim 1210406). The drilling, core logging, assaying and general logistic of the program are discussed under the “2009 DIAMOND DRILLING PROGRAM” section.

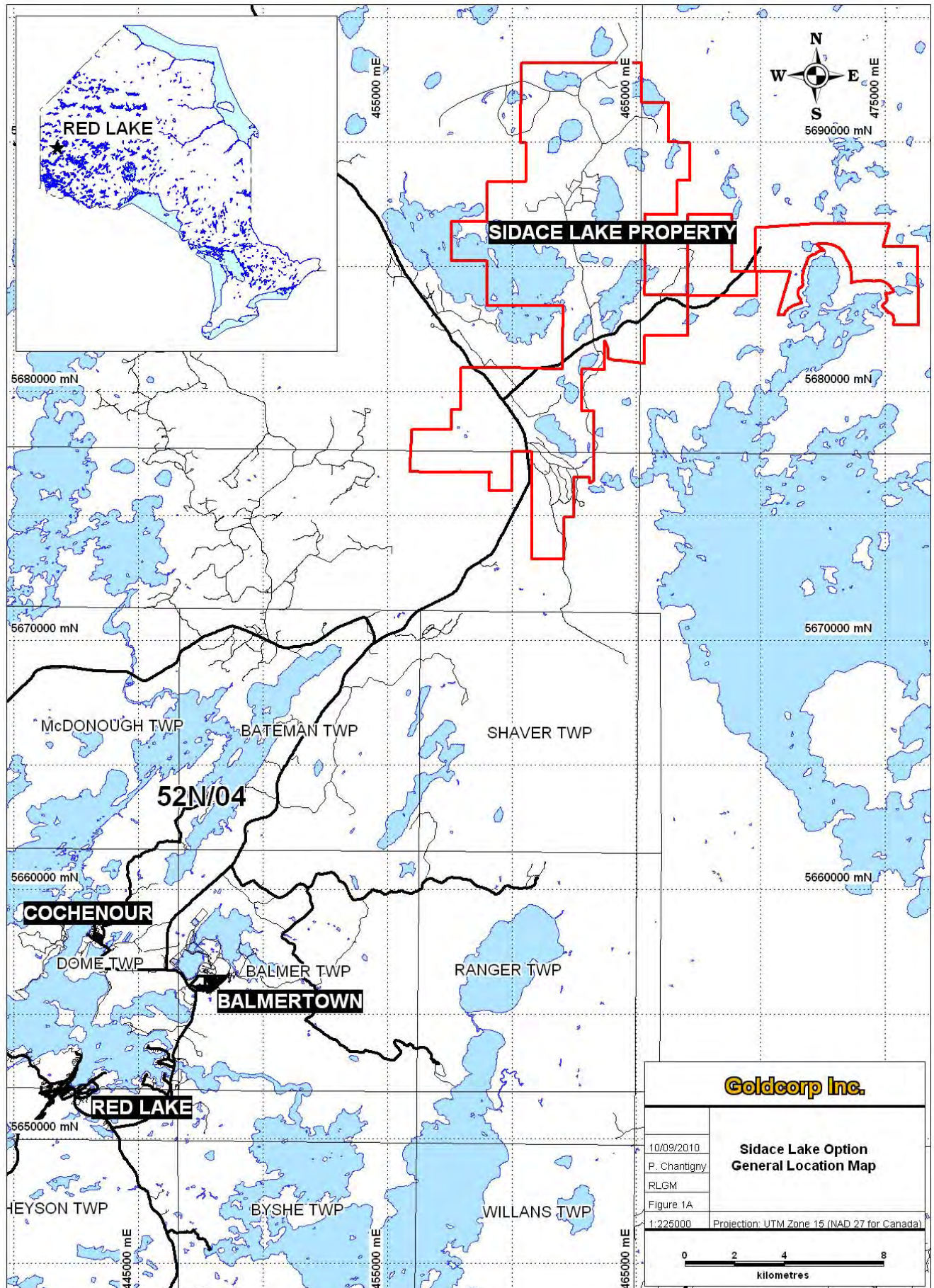
2. PROPERTY LOCATION AND DESCRIPTION

The Red Lake region situated in the northwestern corner of Ontario lies approximately 150 kilometres north of the Trans Canada Highway and is connected with Vermilion Bay by the all-weather Highway #105. The Municipality of Red Lake (Red Lake, Balmertown, Cochenour and Madsen) serves as supply and service centers for the communities to the north and Goldcorp’s operating gold mines in the area. An airport with year-around airline service to major centers is also available.

The property lies approximately 25 kilometres northeast of Balmertown. Figures 1A and 1B, respectively show the general location of the property, and the staked claims layout. The property is accessible by means of a paved, all-weather road, known as Nungesser Road. Numerous secondary gravel roads used for harvesting timber provide additional access to various parts of the property.

The Sidace Lake property is comprised of 63 unpatented, non-leased mining claims, totaling 764 units or approximately 12,288 hectares (Table 1). The property covers four claim sheets; Coli Lake Area (G-1759), the Sobeski Lake Area (G-1885), the Black Bear Lake Area (G-1739) and the Nungesser Lake Area (G-1834), all within the Red Lake Mining Division.

Bedrock exposure is limited within the property area due to the extensive cover by unconsolidated glacial deposits, derived tills and sediments which make up the major topographic feature, the Trout Lake Moraine ridge. Elsewhere, the topography is fairly gentle and covered by the Northern Boreal Forest. Much of the southwest portion of the property has been clear cut during the past 15 years. Drill trails provide accessibility to the Main and Upper Duck zones. Locally the swampy sections limit drill sites for the summer programs.



Goldcorp Inc.	
10/09/2010 P. Chantigny RLGM Figure 1A 1:225000	Sidace Lake Option General Location Map
Projection: UTM Zone 15 (NAD 27 for Canada)	

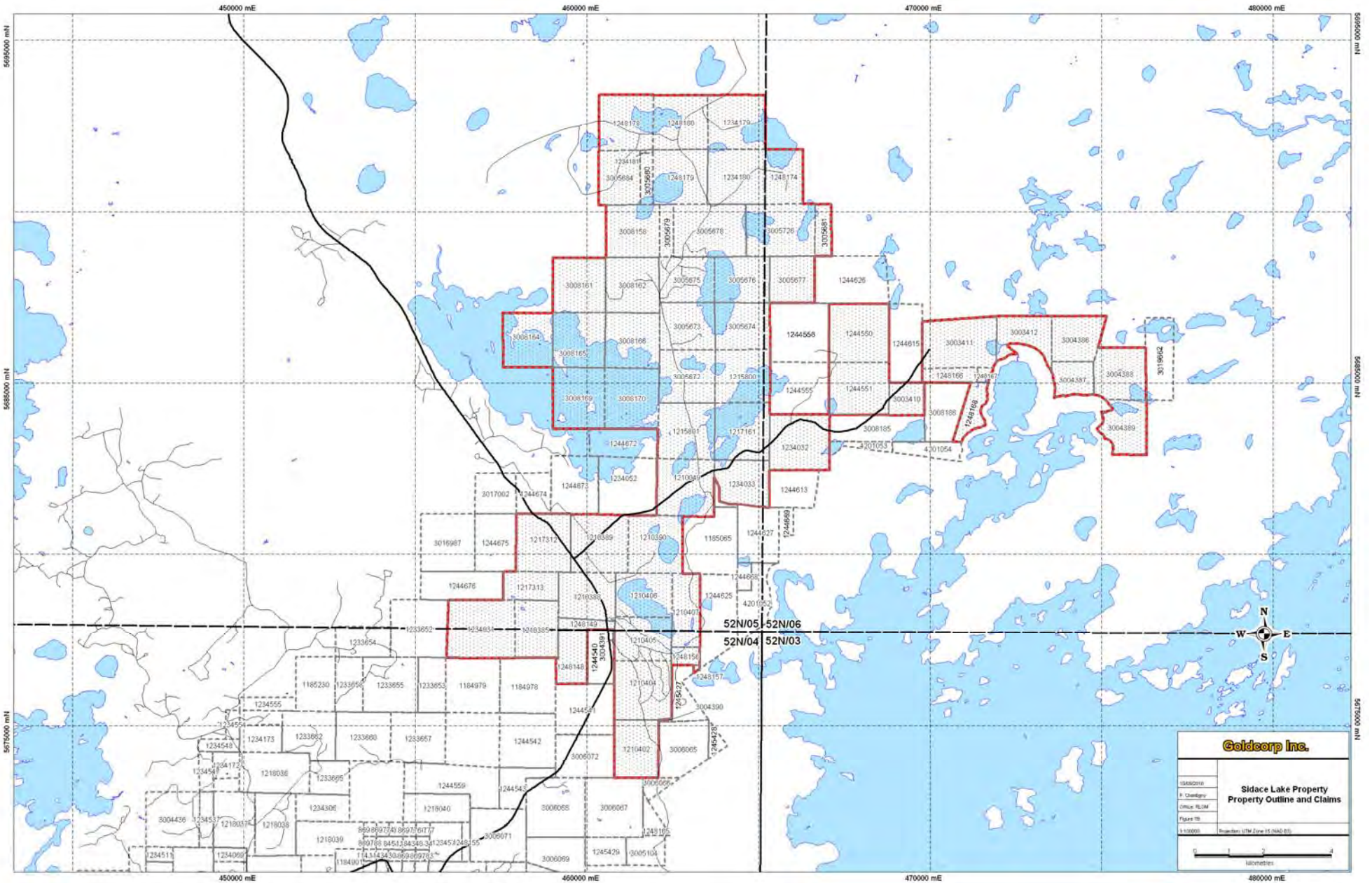


TABLE No. 1: Unpatented claim list, Planet JV					
Claim Number	Recording Date	Township Name	Size (Ha)	Units	
KRL 1210049	17-Apr-96	Coli Lake	256	16	
KRL 1210385	17-Apr-96	Coli Lake	192	12	
KRL 1210388	17-Apr-96	Coli Lake	256	16	
KRL 1210389	17-Apr-96	Coli Lake	256	16	
KRL 1210390	17-Apr-96	Coli Lake	256	16	
KRL 1210402	17-Apr-96	Black Bear Lake	192	12	
KRL 1210404	17-Apr-96	Black Bear Lake	256	16	
KRL 1210405	17-Apr-96	Coli Lake	256	16	
KRL 1210406	17-Apr-96	Coli Lake	192	12	
KRL 1210407	17-Apr-96	Coli Lake	192	12	
KRL 1215800	13-Feb-97	Sobeski Lake	256	16	
KRL 1215801	13-Feb-97	Coli Lake	256	16	
KRL 1217161	13-Feb-97	Sobeski Lake	256	16	
KRL 1217312	26-Nov-98	Coli Lake	256	16	
KRL 1217313	26-Nov-98	Coli Lake	128	8	
KRL 1234031	26-Nov-98	Coli Lake	256	16	
KRL 1234032	26-Nov-98	Sobeski Lake	256	16	
KRL 1234033	26-Nov-98	Sobeski Lake	256	16	
KRL 1234179	2-Jun-05	Nungesser Lake	256	16	
KRL 1234180	25-May-05	Coli Lake	256	16	
KRL 1234181	25-May-05	Nungesser Lake	16	1	
KRL 1244550	4-Apr-02	Sobeski Lake	256	16	
KRL 1244551	4-Apr-02	Sobeski Lake	256	16	
KRL 1248148	14-Feb-03	Black Bear Lake	128	8	
KRL 1248149	14-Feb-03	Black Bear Lake	64	4	
KRL 1248156	27-Aug-03	Black Bear Lake	48	3	
KRL 1248157	27-Aug-03	Black Bear Lake	16	1	
KRL 1248166	21-Nov-03	Sobeski Lake	64	4	
KRL 1248167	21-Nov-03	Sobeski Lake	32	2	
KRL 1248168	21-Nov-03	Sobeski Lake	112	7	
KRL 1248174	25-May-05	Coli Lake	192	12	
KRL 1248178	14-Jun-05	Nungesser Lake	256	16	
KRL 1248179	25-May-05	Nungesser Lake	256	16	
KRL 1248180	25-May-05	Nungesser Lake	256	16	
KRL 3003410	25-Sep-02	Sobeski Lake	144	9	
KRL 3003411	25-Sep-02	Sobeski Lake	256	16	
KRL 3003412	25-Sep-02	Sobeski Lake	160	10	
KRL 3004386	21-Nov-03	Sobeski Lake	256	16	
KRL 3004387	21-Nov-03	Sobeski Lake	144	9	
KRL 3004388	21-Nov-03	Sobeski Lake	256	16	
KRL 3004389	21-Nov-03	Sobeski Lake	192	12	
KRL 3004390	21-Nov-03	Black Bear Lake	16	1	
KRL 3004391	21-Nov-03	Coli Lake	16	1	
KRL 3005672	9-May-03	Coli Lake	256	16	
KRL 3005673	9-May-03	Coli Lake	192	12	
KRL 3005674	9-May-03	Sobeski Lake	192	12	
KRL 3005675	9-May-03	Coli Lake	192	12	
KRL 3005676	9-May-03	Sobeski Lake	256	16	
KRL 3005677	9-May-03	Sobeski Lake	192	12	
KRL 3005678	9-May-03	Coli Lake	240	15	
KRL 3005679	9-May-03	Coli Lake	48	3	
KRL 3005680	9-May-03	Nungesser Lake	64	4	
KRL 3005681	9-May-03	Sobeski Lake	48	3	
KRL 3005684	9-May-03	Nungesser Lake	192	12	
KRL 3005726	9-May-03	Sobeski Lake	240	15	
KRL 3008158	9-May-03	Coli Lake	256	16	
KRL 3008161	9-May-03	Coli Lake	256	16	
KRL 3008162	9-May-03	Coli Lake	256	16	
KRL 3008164	9-May-03	Coli Lake	256	12	
KRL 3008165	9-May-03	Coli Lake	256	16	
KRL 3008166	9-May-03	Coli Lake	256	16	
KRL 3008169	9-May-03	Coli Lake	256	16	
KRL 3008170	9-May-03	Coli Lake	256	16	
TOTALS			12288	764	

3. PROPERTY EXPLORATION HISTORY

From Pryslak et al, 2007 Assessment Report:

There are no records of early prospecting, the 1930s and 40s when the Red Lake gold rush was on. The lack of outcrop would have been a major factor in holding the prospecting and discoveries to a minimum. Several trenches were found in the area to the south of Anderson Lake, but these appear to be more recent, related to accessibility provided by more recent logging operations.

1965-1970: Cochenour-Willans Gold Mines and Selco Exploration conducted an airborne magnetic and EM survey over the east end of the Red Lake Belt in 1965. This was part of a base metal exploration program referred in the Cochenour files as the "Touchdown Syndicate". The airborne survey was followed up by ground geophysical surveys and diamond drilling. The northeast portion of this exploration work touched on the southwest corner of the Planet property under discussion (Cochenour office files).

1978-1979: Dome Exploration (Canada) Ltd. carried out a base metal exploration program conducting an airborne magnetic and EM survey, ground geophysical surveys and diamond drilling of selected conductors. There are 17 drill holes reported for a total of 6499 feet; all but two of these drill holes fall within the current property boundary (Assessment files).

1996-98: Corsair Exploration Inc. acquired the present property. Clarke-Eveleigh Consulting of Thunder Bay, Ontario, carried out a prospecting and sampling program (Clarke and Nelson, 1997). Overburden Drilling of Nepean, Ontario, completed a program of 27 reverse circulation drill holes totaling 662.1 metres. The drill holes are numbered RLE-96-01 to 27, inclusive (Kenzie MacNeil, 1997).

In 1998, Corsair optioned the property to Planet Exploration Inc. Work comprised of 52.4 kilometres of ground magnetic surveying and Phase I diamond drilling; 6 drill holes totaling 828 metres (Dadson, 1999).

In 1999, Planet Explorations Inc. carried out 3.2 kilometres of VLF-EM surveying and Phases II and III drill programs; drill holes RL-99-1 to 5, inclusive for 1443 metres and RL-99-7, 8, 9, 11, 12, 20 for a total of 1195 metres (Mann, 1999, two reports).

In 2002 the property was held by Planet Explorations (42%) and Madalena Ventures Ltd. (58%) (Clarke, 2002). The Phase IV diamond drill program was carried out in mid-summer; RL-02-1 to 12, inclusive for 2551 metres (Clarke, 2002). Phase V diamond drilling commenced in December, 2002 and was completed in February, 2003. It included drill holes RL-02-14 to RL-03-24 and

the extension of 99-12 from 185 to 300 metres for a total on the program of 2551 metres.

In January, 2003, Goldcorp Inc. enters into an option agreement with Planet Exploration as a 50:50 JV. A program consisting of 48 kilometres of ground magnetic surveying and 38.3 kilometres of I.P. surveying were completed (Patrie, 2003, reports on I.P. and magnetic surveys). An airborne magnetometer survey was flown over the claims area in September, 2003, under contract with Firefly Aviation of Calgary. Phase VI diamond drilling was completed in September (12 drill holes, totaling 6324.3 metres). Phase VIIa diamond drilling commenced in December, 2003 and was completed in April, 2004; 5 drill holes, RL-03-37 to RL-04-41, totaling 4647 metres.

2004 sees Goldcorp Inc. take over as managers of the project in April, starting with drill hole RL-04-42. The Phase VIIb diamond drill program was carried out; 16 drill holes totaling 6735 metres (Pryslak et al, September, 2006). Phase VIIIa drill program commenced in September and was completed in January, 2005; these 10 drill holes, RL-04-55 to -62B, totaled 3347.7 metres.

2005 saw Goldcorp-Planet drill a total of 43 holes; the sequence from RL-05-63 to 105, inclusive, for a total of 12,452 metres (report by Pryslak et al, 2006). Goldcorp purchases an extra 10% of the JV to hold 60%.

2006 had two separate diamond drilling contracts. Phase X was carried out in the period from January through to the end of March; drill holes RL-06-106 to 130 and totaling 6574 metres. Phase XI was carried out in the period of June to December; drill holes RL-06-131 to 137, inclusive and totaling 5968.3 metres; 14 DDHs, including 7 wedges. These two diamond drilling phases were the subject of the February, 2008 report by Pryslak and Chantigny.

The JV conducted further drilling in 2007 and 2008; the drill holes are labeled as RL-07-138 to 177 and RL-08-178 to 195, inclusive. The 40 diamond drill holes drilled in 2007 totaled 16,186.9 metres and the 32 drill holes drilled in 2008 totaled 13809.7 metres. The phase designation for the drilling has been avoided and the reports cover drilling for the entire year.

In the summer of 2009, a short program of 8 new holes was drilled (RL-09-196 to 203) and one drill hole, RL-05-83 was extended for a total of 4483.55 meters of drilling.

4. REGIONAL GEOLOGY

The regional and property geology are best described by A.P Pryslak in his 2007 Assessment report:

“The Red Lake Greenstone Belt is Achaean in age and is part of the Uchi Subprovince, Superior Province, Canadian Shield. It is quite typical of Achaean greenstone belts containing various sequences of supracrustal volcanic and

sedimentary rocks and synvolcanic to late tectonic intrusives. Published geochron data shows that the volcanic history spans over a 260 Ma period, between 2992 Ma and 2732 Ma (Corfu and Wallace, 1986). The Geological Survey of Canada (GSC) has recognized nine separate assemblages and a number of Plutonic suites based on this geochronology and variations in the lithologies, supported by geochemical signatures (Sanborn-Barrie et al. 2001, 2004). Deformation prior to the deposition of the Confederation Assemblage was largely tilting and erosional, leading to a number of unconformities between the Assemblages. Sanborn-Barrie (2001) describes two later ductile structural events; D1 having a northeast trend in the eastern portion of the Red Lake Belt and a northwest trend in the west part of the belt; and D2 related structures as having a dominantly east-west trend. The eastern end of the greenstone belt, including the project area under discussion, displays a late fold event. These folds are chevron, Z-styled with amplitudes of 1-5 metres, locally to about 100 metres.

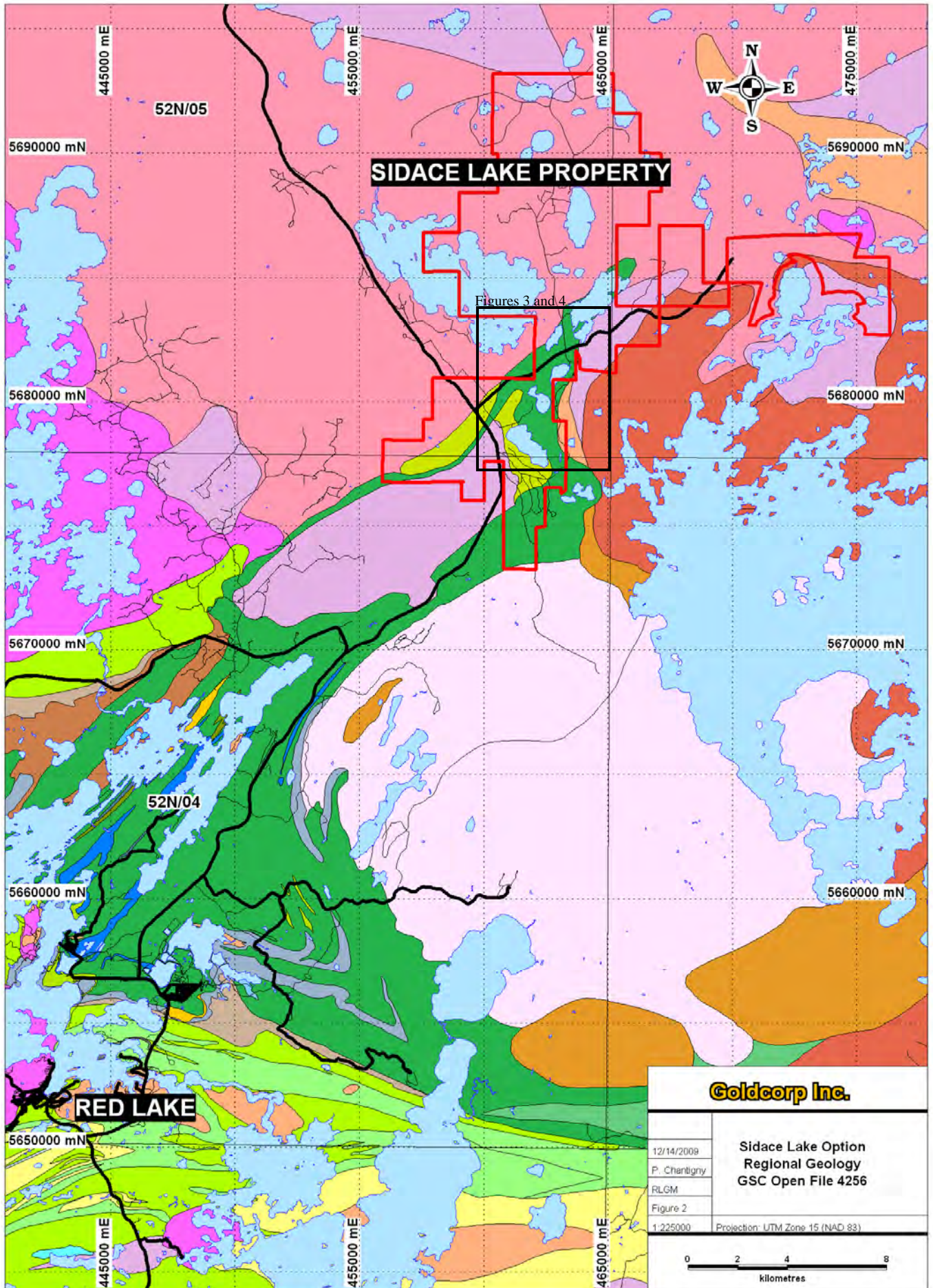
The main segment of the Red Lake Greenstone Belt has been extensively mapped, studied and explored by prospectors, companies, government based professions and university based academics. The listing of publications and assessment files can be studied at the Resident Geologist's office in Red Lake. The latest synoptic geology map of the belt, supported by geochron data, is that by Sanborn-Barrie et al, 2004 (Figures 2 and 2A). The property is located northeast of the area covered by this map sheet.

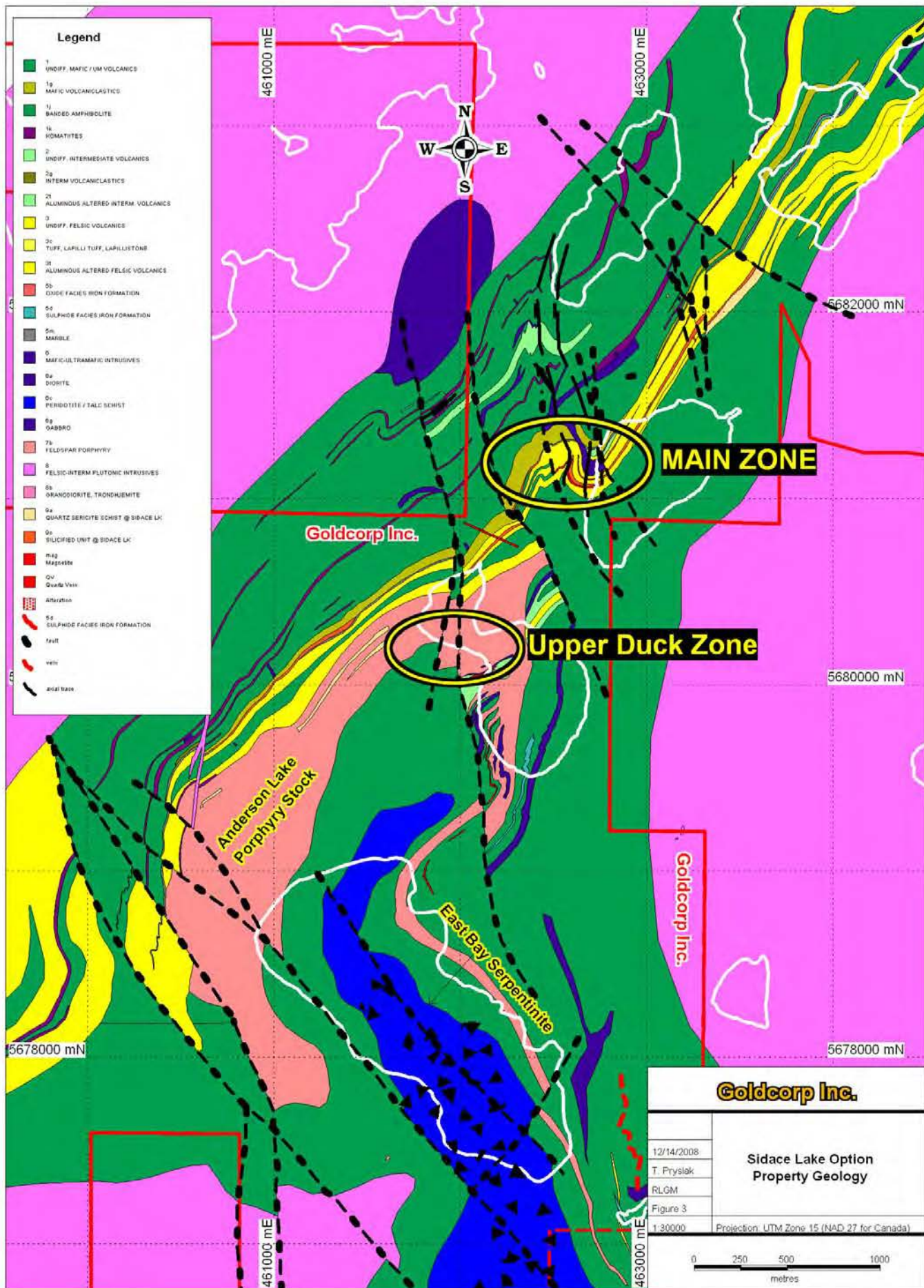
5. PROPERTY GEOLOGY

The property is located at the east end of the Red Lake Greenstone Belt and is situated between the Trout Lake Batholith to the east-southeast and the Little Vermilion Batholith to the northwest. It has a minimum width of 1.5 kilometres at the northeast end, in the Sidace Lake area and reaches over 6 kilometres in width in the Anderson Lake area. The Blackbear Stock is located in the southwest part of the property and splits the belt into two segments; these merge again near the north boundary of Shaver Township.

The northeast portion of the belt is poorly understood because of the extensive quaternary glacial related deposits covering the bedrock. The airborne magnetic data serves as the first base to interpretation of the property geology, along with the sparse outcrops and the diamond drill holes completed since 1997. The property geology is presented as Figure 3.

The Ontario Geological Survey (OGS) published one geochron date on supracrustal lithologies within the property limits as part of their Far North Geological Mapping Initiative. Drill core from RL-04-48 was provided for the study (Zone 15, NAD 83, 461526mE, 5680501mN). The drill hole was dominantly within a feldspar porphyry intrusive, locally known as the Anderson Lake Stock. The sample yielded ample zircons for the date. The age of the porphyry was dated at 2986.4+/- 0.9 Ma, similar to the Balmer volcanic assemblage.





Aeromagnetic interpretation suggested that the large magnetic high under Anderson Lake is likely to be the northeast extension of the East Bay Serpentine, which intrudes the Balmer sequence of volcanics in Dome Township to the southwest. Subsequent diamond drilling by Goldcorp has proven that this interpretation is correct. The basalts situated to the southeast of the Anderson Lake ultramafic are likely of Balmer age as they mostly underlie the Anderson Lake Stock with its geochron date of Balmer age.

A sedimentary horizon has been traced by drilling from the northeast end of Sidace Lake, southwesterly to the proximity of Nungesser Road. This horizon lies approximately 100 metres up section (north) from the Main Zone deposit and comprises of a heterolithic conglomerate, chert-sulphide iron formation (IF) and a discontinuous member of marble. Sanborn-Barrie et al (2004) show marble to be present within several Assemblages, namely the Slate Bay and the Huston; the former being Mesoarchean and the latter being Neoarchean in age. It is not certain which of these two members would correlate with the Sidace marble.

Mafic volcanics form approximately 70% of the supracrustal lithologies; komatiitic flows from about 5%; felsic volcanics and related porphyries form about 15%; clastic and chemical sediments, including marble, about 5% and mafic to ultramafic intrusives form the remainder. There are numerous small dykes of a broad spectrum of classes, including lamprophyres.

A calc-alkaline feldspar porphyry body extends from the north end of Anderson Lake, northeast toward the Main Zone gold deposit, a distance of four kilometers. This intrusion is called the Anderson Lake Porphyry Stock. It reaches a maximum width of two kilometers with a number of mafic volcanic screens in the central portion of the stock. The north contact with felsic volcanics is conformable, while the south contact is intrusive in nature. In some locales, such as in the vicinity of Upper Duck Lake or the footwall section of the Main Zone, the porphyry is indistinguishable from felsic volcanics. This is due to the intensity of alteration, either from an early hydrothermal event or a later deformational episode which results in the destruction of the feldspar phenocrysts and the development of sericite.

Four different alteration events have been observed in drill core:

a: aluminous, readily identified by the presence of andalusite, staurolite and/or garnet, in both felsic and mafic volcanics;

b: potassic, now expressed as either microcline, brown biotite or sericite;

c: carbonate, largely associated with the calc-silicate assemblage of diopside garnet- quartz and minor pyrite, pyrrhotite or magnetite (iron-magnesium

carbonate under amphibolite grade metamorphism). Veins are present in all lithologies and are on a one cm to one metre scale;

d: silica-gold-arsenic alteration is associated with disrupted quartz veinlets within the quartz-sericite schist and microcline alteration unit at the Main Zone; as replacement zones in silicate-facies IF in the Upper Duck Zone and more regionally with the skarn/calc-silicate veins.

Metamorphism is at the lower amphibolite grade with little chlorite remaining. When it is seen in drill core, it appears to be largely retrograde from biotite or amphiboles. This lower amphibolite grade of metamorphism is well displayed by the komatiite flows seen within the mafic volcanic sections. They are in the order of one to fifteen metres thick; the core portion of the flows are grey from the talc-carbonate assemblage, while the contact intervals are bright green from pro-grade metamorphism to an assemblage comprised dominantly of actinolite.

A strong northeast trending foliation defines a deformation zone through the main section of the supracrustal rocks. These are deformed by a late Z-style chevron fold event. These folds plunge approximately 65 degrees to the northwest and are generally on a scale of 1 to 20 metres. The largest fold of this event is that at the Main Zone where the central limb has a minimum length of 200 metres. Early isoclinal folds were observed in a single outcrop but the lack of litho repetitions would suggest that the supracrustals are essentially a homoclinal, northwest facing sequence.

Various ages of faults are known to occur; early faults are largely annealed and difficult to identify in core; the late brittle faults are common and displacements up to 100 metres have been noted.

5a. Mineralization Style

There are four styles of gold mineralization noted on the property. They are as follows:

1. Quartz veining associated with an intense potassic alteration zone. Gold is associated with minor pyrite, pyrrhotite, arsenopyrite, stibnite, molybdenum and rarely realgar and orpiment. This mineral assemblage occurs within quartz-sericite-schist (QSS) and the footwall microcline alteration unit, both being host to the quartz veining. e.g. the Main Zone;
2. Silicification associated with arsenopyrite within grunerite-magnetite IF e.g. the Upper Duck Zone;
3. Arsenopyrite, pyrite, pyrrhotite associated with quartz-diopside-veining and observed in all of the major lithologies on the property, except in the granites e.g. the Skarn Zone, and
4. Shearing of ultramafic lithologies, particularly along the contacts with other supracrustal units.

The gold mineralization at the Main Zone has many features and characteristics with the Hemlo deposits; a deformed porphyry system now expressed as quartz-sericite schist and host to disrupted quartz veinlets and associated molybdenite, arsenides, mercury and iron sulphides. The units on the structural footwall display very intense microcline alteration. The main gold-bearing horizon lies between this potassic alteration zone on the FW and a massive quartz unit, interpreted as a meta-chert, on the HW. Gold values are also found within the microcline alteration and are generally associated with deformed, sulphide-bearing quartz veinlets, similar to those from the Main Zone. The average width of the Main Zone is 5 to 15 metres along an unfolded length of 300 metres. An average grade for this zone is not available. An envelope of aluminous alteration, defined mainly by the presence of andalusite and to a lesser extent staurolite and minor sillimanite, extends for 3 to 4 kilometres along strike of the stratigraphy (both northeast and southwest); for 100+ metres into the HW lithologies and 1000+ metres into the FW lithologies.

The Upper Duck Zone is hosted by an iron formation within garnetiferous mafic volcanics. The iron formation is comprised of magnetite, tremolite-actinolite (possibly grunerite). Gold values are generally associated with silicified sections containing arsenopyrite, pyrrhotite and pyrite. In some drill core sections, the silicification is not dominant and the gold values appear to be directly associated with arsenopyrite. Locally, the IF units may contain veins of the diopside bearing assemblage, indicating a likely similar origin for the type 2 and type 3 gold deposits. The supracrustal lithologies in the Upper Duck area are highly injected by porphyry dykes that are correlative with the Anderson Lake Porphyry Stock.

Gold values in DDH RL-04-40 (earlier report) are associated with skarn-type veins. The dominant calc-silicate mineral is diopside. Minor pyrite, pyrrhotite and arsenopyrite are generally present with these veins that are interpreted as amphibolite grade ferrodolomite veins. The best assay from this locale was 15.6 g/t Au from a 1.85 metres interval.

The fourth style of gold mineralization is associated with the ultramafics (UM) in the vicinity of Anderson Lake. Gold values of 1-3 g/t range are associated with sheared contacts of the UM and basalts or porphyry. RL-05-93 intersected a value of 9.7 g/t Au within the UM body.

6. 2009 DIAMOND DRILLING PROGRAM

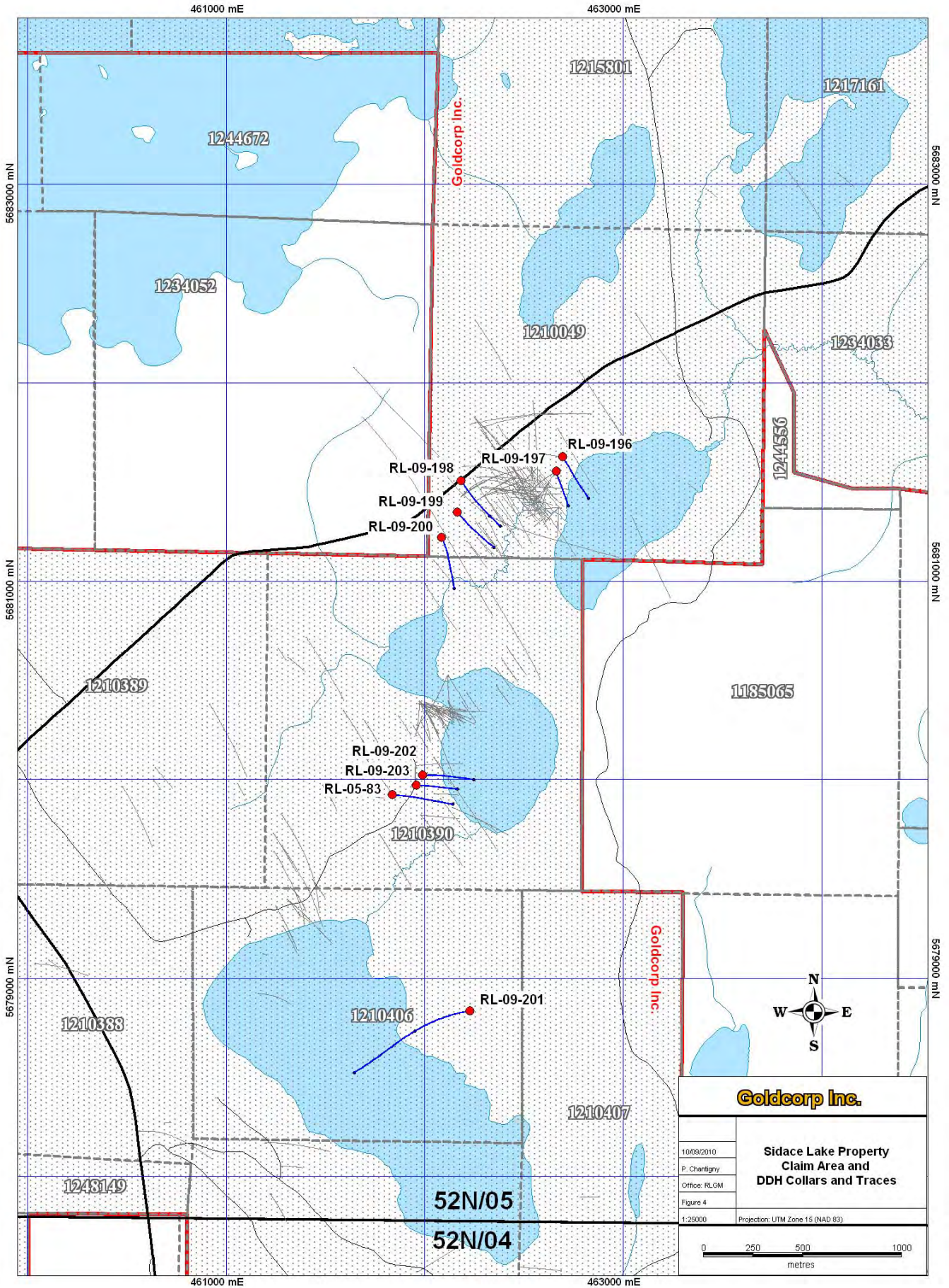
This 2009 drilling program is the 14th Phase of drilling on the Planet property. The contract was awarded to Hy-Tech Drilling of Vancouver, B.C and the program started on June 5th and was completed by July 27th. A summary of the diamond drilling phases carried out by Planet and the Planet-Goldcorp JV since commencement of the project in 1997 is presented in Table 2 and the diamond drill hole locations for the 2009 drilling in Table 3 and Figure 4.

Table 2: Planet JV, Summary of diamond drilling phases, Oct./98 to Jul./09

PHASE	PERIOD	DDH No's	No.of DDH's	Metres	Comments/reports
Phase I	Oct-Nov/98	98-01 to 06	6	828	Dadson,Jan.18/99
Phase II	Feb-Mar/99	99-1 to 5	5	443	Mann, April 5/99
Phase III	April-May/99	99-7, 8, 9, 11, 12, 20	6	1195	Mann, Aug.10/99
Phase IV	June-July/02	RL-02-1 to 12	12	2202	Clarke Exploration, internal report, logs filed for assessment
Phase V	Dec/02-Feb/03	RL-02-14 to 99-24 , ext of 99-12 (185-300m)	11	2551	no report; logs filed for assessment
January, 2003; RL-03-18 commencement of participation by Goldcorp					
Phase VI	June-Sept/03	RL-03-25 to 36, ext of 99-12 (300-681m)	12	6324	Nelson/Dehn report, Feb/05
Phase VII-a	Dec/03 - Mar/04	RL-03-37 and RL-04-38 to 41	5	4647	Nelson/Dehn report; Feb/05
April, 2004, Goldcorp takes over management					
Phase VII-b	April-May/04	RL-04-42 to 54, SD-04-01 & 02 ext.	16	6735	Pryslak et al, Sept./2006
Phase VIII-a	Sept/04 - Jan.22/05	RL-04-55 to 62B	10	3348	No report
Phase VIII-b	Jan.23/05 - Sept./05	RL-04-63 to RL-05-97	35	10,770	Pryslak et al, Dec./2006
Phase IX	Oct-Nov/05	RL-05-98 to 105	8	1788	Pryslak et al, Dec./2006
Phase X	Jan.14 to Mar.28/06	RL-06-106 to 130	25	6574	Pryslak et al, 2007
Phase XI	June 19 to Dec.19/06	RL-06-131- to 137D	14	5968	Pryslak et al, 2007
2007	Mar.15-Oct.13	RL-07-138 to 177	40	16,186.90	Pryslak et al, 2008
2008	Feb. 15 to Dec. 10	RL-08-178 to RL-08-195B ext of RL-05-94, 103, 104, RL-07-160, 160A, 168A and 168B	32	13,809.70	Chantigny, P; Dec. 2009
2009	Jun. 5 to Jul. 22	RL-09-196 to RL-09-203 and ext. of RL-05-83	9	4,483.55	This Report
TOTAL	Oct/98- Jul/09		246	87853.15	

Table 3: Diamond Drill Hole Locations

HOLE-ID	LOCATIONX	LOCATIONY	LOCATIONZ	LENGTH	DRILLED (M)	COLLAR_AZ	COLLAR_DIP	DATE_START	DATE_FIN	LOGGED_BY	DATE_LOG
RL-05-83	461849.8	5679701.6	414.8	450	201	94.04	-50	20-Jul-09	22-Jul-09	Howes, Ben	10-Aug-09
RL-09-196	462707	5681405	419	447	447	146	-60	05-Jun-09	10-Jun-09	Pryslak, A.P.	13-Jun-09
RL-09-197	462675	5681333	418	414	414	160	-65	11-Jun-09	14-Jun-09	Pryslak, A.P.	15-Jun-09
RL-09-198	462195	5681285	415	598.27	598.27	146	-65	15-Jun-09	18-Jun-09	Chastko, L.C.	23-Jun-09
RL-09-199	462176	5681125	420	483	483	146	-65	19-Jun-09	22-Jun-09	Howes, Ben	01-Jul-09
RL-09-200	462099	5680998	416	477	477	160	-60	23-Jun-09	27-Jul-09	Howes, Ben	05-Jul-09
RL-09-201	462240	5678612	410	1065	1065	260	-55	28-Jun-09	12-Jul-09	Howes, Ben	10-Jul-09
RL-09-202	462003	5679902	414	447.28	447.28	90	-55	13-Jul-09	17-Jul-09	Howes, Ben	26-Jul-09
RL-09-203	461979	5679743	415	351	351	90	-55	17-Jul-09	20-Jul-09	Howes, Ben	09-Aug-09



All drilling sites were easily accessible thru previously established dirt roads or bush roads. The drilling officially started on June 5th with holes RL-09-196 and RL-09-197 on the east extension of the “Main Zone” then continued with three holes west of the “Main Zone” looking at the gap in hanging wall stratigraphy. The drill was then moved south to a new area west of Anderson lake and one hole was drilled (RL-09-201) to test the East Bay Serpentinite that forms a mag high anomaly under the lake. The last three setups were west of Upper Duck Lake with two new holes exploring the Upper Duck skarn zone and one extending hole RL-05-83 by 200m to followup on 2 g/t hit originally discovered in 2005. The distribution of metres drilled per claim can be seen in Table 4.

TABLE 4: Claim-metres drilled and sample distribution

DDH no.	1210390		1210049		1210406		Targeting Zone
	m	samples	m	samples	m	samples	
RL-05-83	201	205					UD zone
RL-09-196			447	251			Main Zone
RL-09-197			414	127			Main Zone
RL-09-198			598.27	355			Gap Zone
RL-09-199			483	398			Gap Zone
RL-09-200	277	280	200	52			Gap Zone
RL-09-201					1065	743	Anderson Zone
RL-09-202	447.28	412					UD zone
RL-09-203	351	323					UD zone
TOTALS	1276.28	1220	2142.27	1183	1065	743	

Drill holes were spotted by GPS (NAD 27 z15) and azimuths set by compass. Deviation on drill holes were recorded by Reflex reading at intervals of 15 to 50 metre and the measurement were taken by the drill crew. All survey data is recorded on the Header pages of the drill logs.

The core was delivered by the drilling crews to the core shack located at the Cochenour mine site. Six of the holes were logged by Ben Howes, two by A. P. Pryslak and one by L. C. Chastko. A number of technicians looked after photographing, taking magnetic susceptibility readings, cutting and shipping the samples for assaying.

Assaying of drill core samples for gold was done by Accurassay Laboratories of Thunder Bay. Quality control consisted of a duplicate analysis on every 10th sample and one standard and blank inserted every 50 samples. Graphs and stats of the standards and blanks can be viewed in Appendix IV of the report.

This report was written by Pascal Chantigny based on the 2007 Assessment report written by A. P. Pryslak, geological consultant from Winnipeg, Manitoba. I would also like to thank Jennifer Brewer for her data compilation work.

7. DISCUSSION OF RESULTS

7a. Main Zone: General Notes and Diamond Drill Results

Diamond drill holes RL-09-196 and RL-09-197 were both targeting the extension of the East Limb of the Main Zone whereas RL-09-198, RL-09-199 and RL-09-200 were targeting the extension of the North Limb and the gap area (Figure 5).

According to Pryslak, “The Main Zone has a strike length of approximately 300 metres and has been folded into a Z-fold. The north limb is approximately 100 metres in length, striking at N225 and dips at -65 degrees. To the northeast, it abruptly turns into a south trending feature with the acute angle between the limbs being 30-40 degrees. The central and east limbs are folded into an open style fold where it becomes difficult to interpret where the central limb ends and the east limb begins. Numerous second-order folds on a scale of several centimeters to metres are seen in drill core. They all have a consistent plunge of 65 degrees to the north-west. The thickening and thinning of the Main Zone can be explained by the second-order folds and the angle between these folds and the drill hole.”

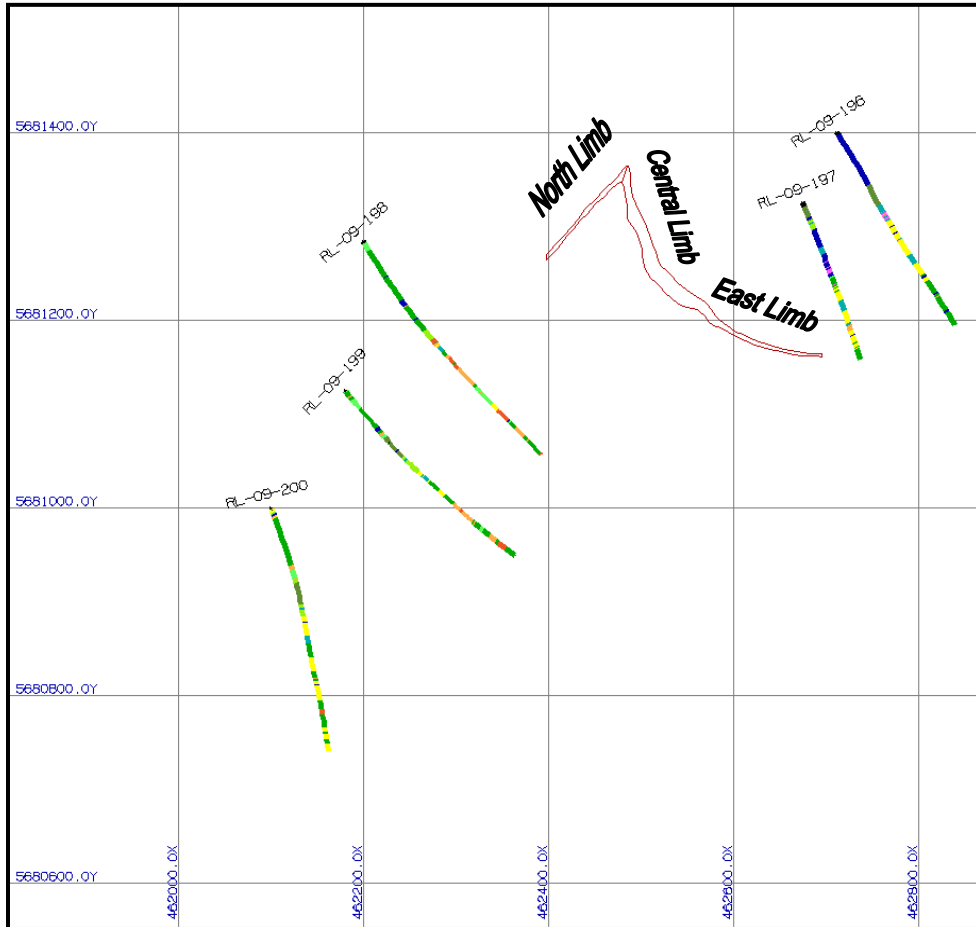


Figure 5. Main Zone Clipped at Lev 100 Showing Diamond Drill Traces

Drill hole RL-09-196 hit the East Limb at a distance of 307m down hole when it intersected 27 metres of quartz-sericite schist (QSS) rich felsic volcanics proving the extension eastward of the East Limb. The best value within this lithology was 1m grading 5.59g/t. RL-09-197 was drilled closer to the central limb and intersected the QSS at a distance of 331 metres down hole but failed to return significant values with its best value at 1.4g/t over 1 metre.

Drill hole RL-09-198, RL-09-199 and RL-09-200 were drilled 300m north-west of holes RL-08-178, 179 and 180 to test the gap area between the Main Zone and the Upper Duck Zone and possibly the down-dip extension of the North Limb. Hole RL-09-198, drilled closest to the main zone, hit QSS 330 metre down hole and return it's best value of 6.15 g/t over 1m. RL-09-199 drilled 200m south of RL-09-198 hit a few intervals of QSS but return only a trivial hit of 1.5g/t over 1 metre, 414m down hole. RL-09-200, drilled 200 metres from the previous hole intersected minimal amounts of QSS and its best value for the hole was 1.93g/t over 1m in mafic volcanics 350 metres down hole.

7b. Upper Duck Zone: General Notes and Diamond Drill Results

Two new holes, RL-09-202 and RL-09-203 and one hole was extended south of the Upper Duck zone and were targeting the mineralized skarn horizon.

Pryslak describes the Upper Duck Zone as:

“A number of lenses of mineralization over a strike length of approximately 250 metres. Host lithologies include grunerite-magnetite IF, garnet-biotite-hornblende-magnetite sediments, felsic to intermediate volcanics and feldspar porphyry. Arsenopyrite is almost always present with the gold values. The arsenopyrite varies from needle to lacy textured to stubby form. The former two habits are less common but these generally carry the better gold grades, whereas, the stubby form is common, but the gold tenure is generally weaker with this association. Some of the highest gold grades are associated with silicification. It should be noted that the iron-rich amphibole labeled as grunerite is brown, acicular and is likely cummingtonite. However, for consistency sake in drill logs, grunnerite has been retained.

The differentiation of sheared feldspar porphyry from felsic volcanic units is very arbitrary at times. Scattered blocks of 1cm scale andalusite, now retrograded into white mica, was generally used to log the unit as volcanic in origin. The second criteria was the presence of 1-2% pale pink garnet, varying up to 3mm diameter. Banding produced by cm scale concentrations of biotite was not a useful criteria to establish origin of these two lithos as the porphyry often contains 5-10% bands of mafic inclusions that resemble bedding. The porphyry is an early intrusion, veined by quartz-diopside; both foliation and veins are folded along with the volcanics and sediments. The similarity between these two lithologies is noted in

some of the drill logs and classification becomes arbitrary, leading to correlation problems.

The main lens of the Upper Duck Zone dips to the NW at 65 degrees to a depth of approximately 200 metres. It then proceeds to either, pinch out in the porphyry or dip near vertical below this level. The present interpretation held by the author is that it pinches out and that the lower value intersections are correlative with values lying approximately 100 metres in the FW of the main lens.

Holes RL-09-202 and 203 were drilled 50 meters apart in between previous drilling to tighten the drill hole spacing and help define the skarn zone. RL-09-202 hit skarn veins at shallow depths return hits of 2.5g/t over 1m less then 100m down hole. Several other hits were encountered after that with the best results of 4.7 g/t over 0.5m in a carb-diopside vein mineralized with bands of arsenopyrite.

Hole RL-05-83 was extended on the premise that the original hole had been ended in a mineralized section and on a 2g/t hit. Unfortunately this is incorrect as the 2g/t “hit” is a QC standard that was inserted by the geologist. Some skarn veins were encountered in the extension of the hole but failed to return any significant values.

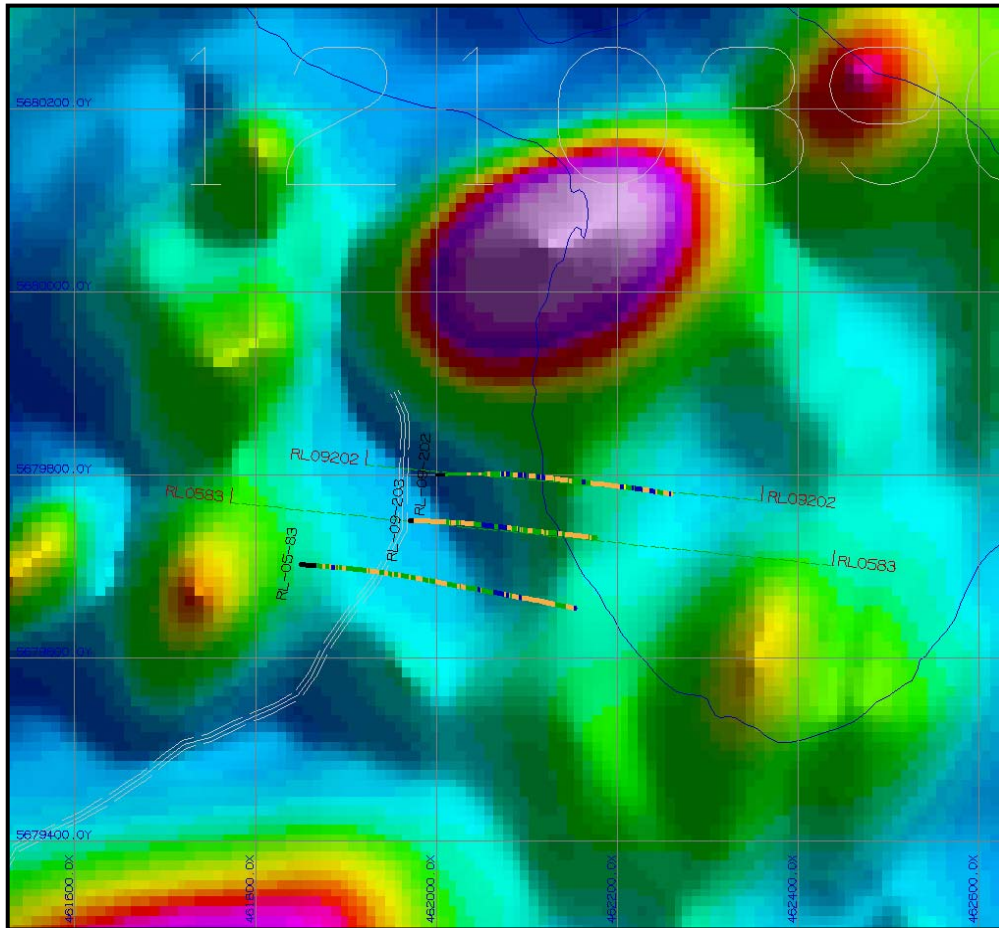


Figure 6. Upper Duck Zone Drill Holes Over Mag Map

7c. Anderson Lake Zone: General Notes and Diamond Drill Results

Only one hole, RL-09-201 was drilled on the Anderson Lake Zone as part of this phase of drilling to intersect the East Bay Serpentinite.

Pryslak suggests that: “[...] the large magnetic high under Anderson Lake is likely to be the northeast extension of the East Bay Serpentinite, which intrudes the Balmer sequence of volcanics in Dome Township to the southwest. Subsequent diamond drilling by Goldcorp has proven that this interpretation is correct. The basalts situated to the southeast of the Anderson Lake ultramafic are likely of Balmer age as they mostly underlie the Anderson Lake Stock with its geochron date of Balmer age. [...] Gold mineralization is associated with the ultramafics in the vicinity of Anderson Lake. Gold values of 1-3g/t range are associated with sheared contacts of the UM and basalts or porphyry. RL-05-93 intersected a value of 9.7 g/t Au within the UM body.”

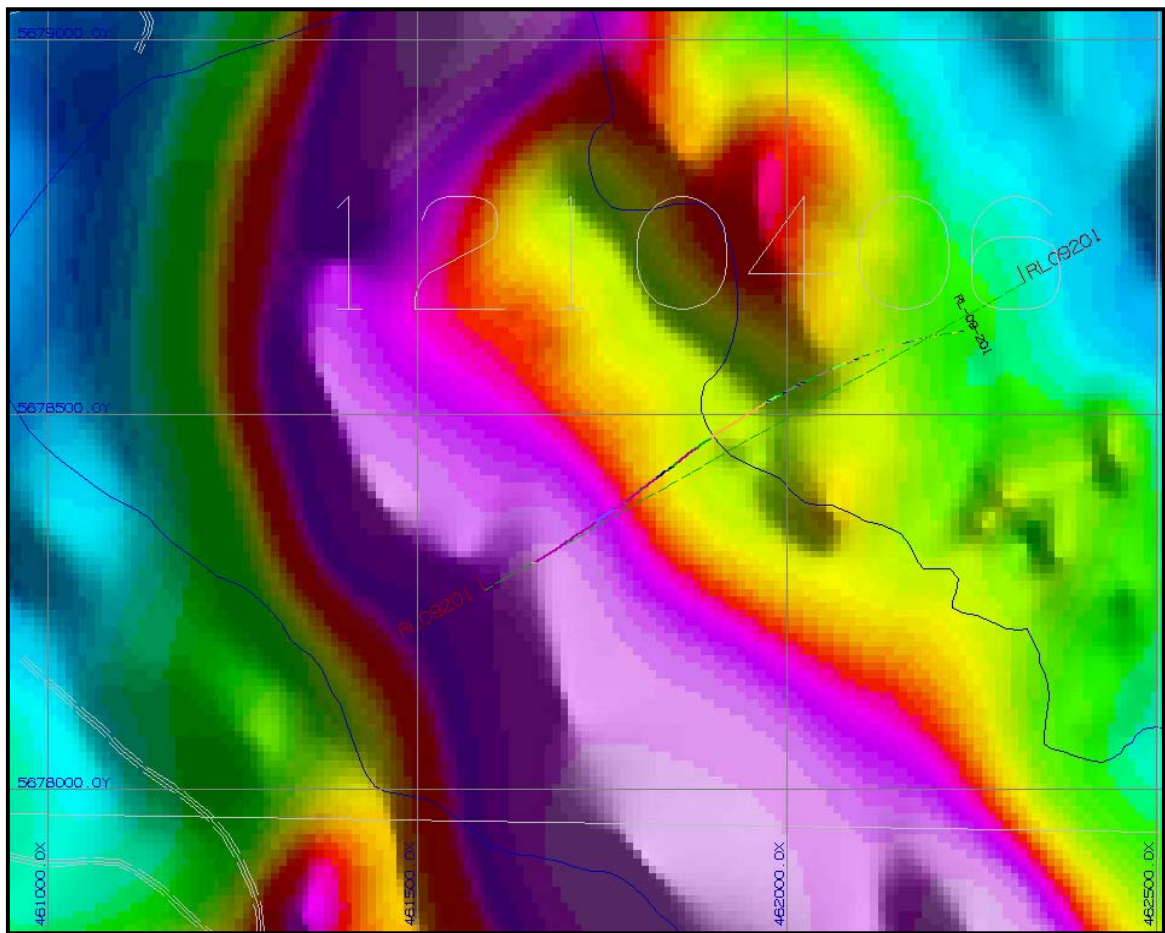


Figure 7. Anderson Lake Zone Drill Holes over Mag Map

RL-09-201 was targeting a mag low between two mag highs. The first mag high encountered is probably caused by sedimentary rocks banded with thin magnetite beds and the magnetic low by a thick blocky feldspar porphyry interval. The main magnetic high under the lake is intersected 767m down hole when peridotite is encountered. Unfortunately, only nominal assay results were returned for this hole, with the best assay result grading 2.3 g/t over 1 metre at the contact of a feldspar porphyry dyke and mafic volcanic rocks, 334m down hole.

8. CONCLUSIONS AND RECOMMENDATIONS

Although this phase of the diamond drilling program on the property was short lived due to budgetary restraints, the holes on the Main Zone proved successful and helped define the extension of the North and East Limbs with some noteworthy results in the quartz-sericite schist-rich felsic volcanics. Drilling on the Upper Duck Zone and on the Anderson Lake zone helped define the lithologies of the areas but failed to return any significant assay results.

This author recommends that a re-interpretation of all the drilling and surface mapping for the property be done and that a regional geological/structural compilation of the area be completed. The three main zones; Main, Upper Duck and Anderson Zone should also be remodeled in 3D to update the geological interpretation.

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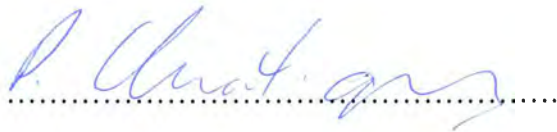
STATEMENT OF QUALIFICATIONS

I, Pascal Chantigny of 25 Campbell, Balmertown, Ontario, certify that:

- I am the author of this report;
- I graduated with a B.Sc. in Earth Science, Spec. Geology from the University of Ottawa in 2001;
- I have been practicing my profession since graduation;
- I have been employed by Goldcorp since 2001;
- I have reviewed the data, produced the figures and compiled this report.

January, 2011

P. Chantigny



Appendix I, Diamond Drill Logs

Goldcorp Inc.
Diamond Drill Hole Report

Hole ID : RL-05-83
Project : COLI_LAKE
Prospect : SIDACE LK

<u>Drilling</u>		<u>Casing</u>		<u>Location</u>		<u>Coordinate - UTM</u>		<u>Coordinate - Local</u>		<u>Other</u>	
Azimuth:	94.04	Length:	27 m	Township:	COLI LAKE AREA	East:	461849.85	East:		Contractor:	HY-TECH DRILLING
Dip:	-50.00	Pulled:	N	Claim No:		North:	5679701.65	North:		Spotted By:	Maciejewski, T.
Length:	450 m	Capped:	N			Elevation:	414.81	Elevation:		Surveyed By:	Pye, K.
Started:	20-Jul-2009	Cemented:	N	NTS:		UTM Grid:	NAD27_Z15	Local Grid:		Surveyed Date:	13-Jul-2005
Completed:	22-Jul-2009			Surface Hole:	Yes	Survey Type:	unknown GPS			Logged By:	Howes, Ben
Logged:	10-Aug-2009			Level:	SURFACE					Logged By 2:	
		Core								Re-logged By:	
		Dimension:	NQ							Water Source:	Upper Duck Lake
		Storage:	Cochenour Mine							Left in Hole:	Nothing
Target:	North Anderson 2005-G5										

Comments: Extension of hole starting at 249m, to hit trend of mineralized skarn zone. Box numbers for new extension will be labeled "RL-05-83 EXT" Original drilling (by Major) of hole RL-05-83 began on May 17, 2005 and went to May 21, 2005 and was logged by Lou Chastko starting May 22, 2005. Hole ends in good ground. Hole drill targeting mineralized section at depth and to extend the values as the old hole ended with 2g/ton hit.

<u>Deviation Tests</u>				<u>Deviation Tests</u>				<u>Deviation Tests</u>			
<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>
0.00	94.04	-50.00	Maxibor	48.00	94.96	-47.20	Maxibor	96.00	96.06	-46.30	Maxibor
3.00	93.98	-49.81	Maxibor	51.00	94.94	-47.05	Maxibor	99.00	96.14	-46.25	Maxibor
6.00	94.07	-49.29	Maxibor	54.00	94.93	-46.93	Maxibor	102.00	96.29	-46.19	Maxibor
9.00	94.11	-48.76	Maxibor	57.00	94.92	-46.81	Maxibor	105.00	96.44	-46.14	Maxibor
12.00	94.10	-48.35	Maxibor	60.00	94.96	-46.67	Maxibor	105.00	98.02	-49.30	Reflex
15.00	94.08	-48.35	Maxibor	63.00	95.02	-46.64	Maxibor	108.00	96.65	-46.08	Maxibor
18.00	94.17	-48.32	Maxibor	66.00	95.20	-46.62	Maxibor	111.00	96.81	-46.04	Maxibor
21.00	94.28	-48.29	Maxibor	69.00	95.37	-46.63	Maxibor	114.00	97.00	-45.99	Maxibor
24.00	94.33	-48.37	Maxibor	72.00	95.49	-46.65	Maxibor	117.00	97.17	-45.93	Maxibor
27.00	94.38	-48.35	Maxibor	75.00	95.59	-46.66	Maxibor	120.00	97.33	-45.88	Maxibor
30.00	94.49	-48.24	Maxibor	75.00	97.32	-49.70	Reflex	123.00	97.55	-45.83	Maxibor
33.00	94.63	-48.07	Maxibor	78.00	95.70	-46.65	Maxibor	126.00	97.74	-45.81	Maxibor
36.00	94.77	-47.90	Maxibor	81.00	95.76	-46.62	Maxibor	129.00	97.91	-45.78	Maxibor
39.00	94.87	-47.67	Maxibor	84.00	95.84	-46.59	Maxibor	132.00	98.09	-45.74	Maxibor
42.00	94.89	-47.46	Maxibor	87.00	95.91	-46.55	Maxibor	135.00	98.27	-45.73	Maxibor
45.00	94.91	-47.34	Maxibor	90.00	95.96	-46.49	Maxibor	135.00	90.32	-49.30	Reflex
45.00	91.02	-50.60	Reflex	93.00	95.99	-46.40	Maxibor	138.00	98.47	-45.70	Maxibor

Goldcorp Inc.
Diamond Drill Hole Report

Hole ID : RL-05-83
Project : COLI_LAKE
Prospect : SIDACE LK

Deviation Tests

<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>
141.00	98.53	-45.68	Maxibor
144.00	98.68	-45.67	Maxibor
147.00	98.76	-45.64	Maxibor
150.00	98.81	-45.59	Maxibor
153.00	98.89	-45.58	Maxibor
156.00	98.96	-45.62	Maxibor
159.00	99.08	-45.61	Maxibor
162.00	99.10	-45.57	Maxibor
165.00	99.12	-45.55	Maxibor
165.00	98.72	-48.50	Reflex
168.00	99.15	-45.54	Maxibor
171.00	99.22	-45.53	Maxibor
174.00	99.39	-45.50	Maxibor
177.00	99.53	-45.44	Maxibor
180.00	99.65	-45.42	Maxibor
183.00	99.77	-45.40	Maxibor
186.00	99.95	-45.43	Maxibor
189.00	100.04	-45.43	Maxibor
192.00	100.14	-45.44	Maxibor
195.00	100.23	-45.43	Maxibor
198.00	100.30	-45.41	Maxibor
201.00	100.42	-45.39	Maxibor
204.00	100.46	-45.38	Maxibor
207.00	100.53	-45.39	Maxibor
210.00	100.63	-45.39	Maxibor
213.00	100.71	-45.39	Maxibor
216.00	100.80	-45.40	Maxibor
219.00	100.88	-45.39	Maxibor
222.00	100.97	-45.38	Maxibor
225.00	101.04	-45.37	Maxibor

Deviation Tests

<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>
228.00	101.11	-45.34	Maxibor
231.00	101.16	-45.32	Maxibor
234.00	101.28	-45.34	Maxibor
237.00	101.37	-45.34	Maxibor
279.00	99.60	-48.00	Reflex
309.00	100.10	-47.80	Reflex
339.00	100.70	-47.10	Reflex
369.00	99.80	-46.60	Reflex
399.00	101.90	-46.90	Reflex
429.00	101.10	-47.20	Reflex
450.00	100.50	-47.00	Reflex

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-05-83
 Project : COLI_LAKE
 Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
0.00	27.00	(OB) Overburden , () Casing								
27.00	27.37	(I3S) Feldspar porphyry , ()								
27.37	27.85	(E1) Mafic Volc , (MAS) Massive dark green fine-medium grained, moderately biotitic trace to 1% po, cpy disseminated								
27.85	28.30	(C2A) Iron formation - Oxide facies , () Banded amphibolite-magnetite iron formation 20% fine bands magnetite interbanded with dark green amphibolite, locally folded	402062	RL-05-83_001	27.4	28.4	1	0.128	0.004	128
28.30	37.60	(E1) Mafic Volc , (MAS) Massive dark green, fine grained, 10-15% quartz-carbonate and skarny bands accompanied by minor bleaching and epidotization, weakly to moderately foliated at 40-45 to CA traces popy cpy with occassional weak stringer zones	402063	RL-05-83_002	28.4	30	1.6	0.033	0.001	33
			402064	RL-05-83_003	30	31	1	0.017	<0.001	17
			402065	RL-05-83_004	31	32	1	0.06	0.002	60
			402066	RL-05-83_005	32	33	1	0.018	0.001	18
			402067	RL-05-83_006	33	34	1	0.081	0.002	81
			402068	RL-05-83_007	34	35	1	0.013	<0.001	13
37.60	41.37	(I3S) Feldspar porphyry , () subvolcanic feldspar porphyry, light brownish-buff, weakly biotitized, fine biotitic flecks, weak K-spar alteration weak to moderately foliated at 45 to CA 37.30 - 37.60 skarn- 15% FE carbonate 39.57 - 39.90 skarn alteration	402069	RL-05-83_008	39	40	1	0.044	0.001	44
41.37	43.40	(E1) Mafic Volc , (MAS) Massive Mafic Volcanics dark green-amphibolite with moderate brown biotization, weak quartz-carbonate veining, minor epidotization along fractures								
43.40	44.30	(I3S) Feldspar porphyry , () subvolcanic feldspar porphyry mottled reddish brown due to biotite and irregular whitish K-spar alteration, noticeably finely porphyritic, weakly sheared and foliated at 40 to CA								
44.30	48.45	(E1) Mafic Volc , (MAS) Massive Mafic Volcanics-amphibolite	402070	RL-05-83_009	44	45	1	0.108	0.003	108

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-05-83
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
		dark green, fine grained, weakly to moderately foliated at 40 to CA, 2-4% planar quartz-carbonate veinlets generally parallel to foliation traces to weak stringers popy, cpy sharp conformable contacts at 40 to CA								
48.45	51.85	(I3S) Feldspar porphyry , ()	402071	RL-05-83_010	49	50	1	0.028	0.001	28
		subvolcanic feldspar porphyry mottled reddish brown due to biotite and irregular whitish K-spar alteration, noticeably fnely porphyritic, weakly sheared and foliated at 40 to CA								
51.85	58.20	(I1A) Gabbro , ()	402072	RL-05-83_011	54	55	1	0.007	<0.001	7
		Gabbro-possibly mafic volcanics dark green and brown, upper section well sheared to finely braided appearance, medium grained, variable folded foliation 5% quartz-carbonate stringers, lower section is relatively massive, gabbroic appearance, sharp conformable contacts at 40 and 45 to CA								
58.20	59.30	(I3S) Feldspar porphyry , ()								
		subvolcanic feldspar porphyry mottled reddish brown due to biotite and irregular whitish K-spar alteration, noticeably fnely porphyritic, weakly sheared and foliated at 40 to CA, weak light green amphibole along fractures								
59.30	63.10	(E1) Mafic Volc , (MAS) Massive	402073	RL-05-83_012	59	60	1	0.007	<0.001	7
		Mafic Volcanics dark green fine grained, moderately sheared and foliated at 40 to CA, weakly biotitic, very weak quartz-carbonate veining<1% sharp conformable contacts at 40 to CA, traces popy cpy								
63.10	64.50	(I3S) Feldspar porphyry , ()								
		subvolcanic feldspar porphyry mottled reddish brown due to biotite and irregular whitish K-spar alteration, noticeably fnely porphyritic, weakly sheared and foliated at 40 to CA, weak light green amphibole along fractures								
64.50	69.70	(E0B) Komatiitic basalt , ()	402074	RL-05-83_013	64.5	66	1.5	0.019	0.001	19
		Komatiitic Basalt	402075	RL-05-83_014	66	67	1	0.083	0.002	83
		olive green with brown biotitic streaks, fine grained, moderately sheared and foliated at 40 to CA, weak to moderate pervasive carbonatization, 2-3% quartz-carbonate veinlets	402076	RL-05-83_015	67	68	1	0.028	0.001	28
		traces fine disseminated popy occassional cpy	402077	RL-05-83_016	68	69	1	0.025	0.001	25
			402078	RL-05-83_017	69	70	1	0.034	0.001	34
69.70	75.56	(I3S) Feldspar porphyry , ()	402079	RL-05-83_018	70	71	1	0.018	0.001	18
		subvolcanic feldspar porphyry, 20% komatiitic altered skarn bands	402080	RL-05-83_019	71	72	1	0.022	0.001	22
		mottled reddish brown due to biotite and irregular whitish K-spar alteration, noticeably fnely								

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		porphyritic, weakly sheared and foliated at 40 to CA, weak light green amphibole along fractures	402081	RL-05-83_020	72	73	1	0.049	0.001	49	
			402082	RL-05-83_021	73	74	1	0.005	<0.001	<5	
			402083	RL-05-83_022	74	75	1	0.237	0.007	237	
			402084	RL-05-83_023	75	76	1	0.064	0.002	64	
75.56	81.65	(E0B) Komatiitic basalt , () Komatiitic Basalt	402085	RL-05-83_024	76	77	1	0.021	0.001	21	
		olive green with brown biotitic streaks, fine grained, moderately sheared and foliated at 40 to CA, weak to moderate pervasive carbonatization, 2-3% quartz-carbonate veinlets traces fine disseminated popy occasional cpy	402086	RL-05-83_025	77	78	1	0.021	0.001	21	
			402087	RL-05-83_026	78	79	1	0.005	<0.001	<5	
			402088	RL-05-83_027	79	80	1	0.005	<0.001	<5	
			402089	RL-05-83_028	80	81	1	0.007	<0.001	7	
			402090	RL-05-83_029	81	82	1	0.036	0.001	36	
81.65	109.25	(E1) Mafic Volc , (PIL) Pillowed Mafic Volcanics-pillowed	402091	RL-05-83_030	84	85	1	0.005	<0.001	<5	
		dark green, fine grained, moderately sheared and foliated especially along pillow rims, more massive centres, 5% fine quartz-carbonate stringers predominantly along salvages local patches dark fine hornblende crystals	402092	RL-05-83_031	89	90	1	0.006	<0.001	6	
		108.30 - 108.45 50\$ quartz-carbonate, 5% tourmaline masses	402093	RL-05-83_032	94	95	1	0.015	<0.001	15	
			402094	RL-05-83_033	99	100	1	0.005	<0.001	<5	
			402095	RL-05-83_034	104	105	1	0.005	<0.001	<5	
			402096	RL-05-83_035	105	106	1	0.01	<0.001	10	
			402097	RL-05-83_036	106	107	1	0.066	0.002	66	
			402098	RL-05-83_037	107	108	1	0.024	0.001	24	
109.25	111.50	(I3S) Feldspar porphyry , () subvolcanic type									
		porphyritic to sheared out phenos, light reddish-brown biotite, weak to moderate K-spar alteration, moderately sheared and foliated at 50 to CA									
		109.48 - 109.70 mafic band-skarn altered									
111.50	113.00	(E1) Mafic Volc , (MAS) Massive dark green fine grained, well foliated to weakly biotitic banded	402101	RL-05-83_038	111.5	112	0.5	0.011	<0.001	11	
			402102	RL-05-83_039	112	113.1	1.1	0.027	0.001	27	
		111.78 - 111.83 (C2A) Iron formation - Oxide facies band of amphibolite-magnetite at 45 to CA									
		112.74 - 112.80 (C2A) Iron formation - Oxide facies similar to before									
113.00	125.75	(I3S) Feldspar porphyry , () similar to before	402103	RL-05-83_040	119	120	1	0.039	0.001	39	
		25-30% mafic 1A altered bands	402104	RL-05-83_041	121.94	123	1.06	0.005	<0.001	<5	
		and minor skarn veins	402105	RL-05-83_042	123	124	1	0.012	<0.001	12	
		120.4 - 121.17 mafic band-altered	402106	RL-05-83_043	124	125	1	0.027	0.001	27	
		121.98 - 122.50 50% white quartz veining									

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122.78 - 123.75		mafic band-altered								
123.18 - 123.60		mafic band - altered								
125.75	126.33	(E1) Mafic Volc , (MAS) Massive similar to before								
126.33	128.70	(I3S) Feldspar porphyry , () subvolcanic type similar to before								
		127.80 - 128.20 mafic band altered								
128.70	136.85	(E0B) Komatiitic basalt , () dark olive green	402107	RL-05-83_044	129	130	1	0.006	<0.001	6
		2-3% quartz and carbonate stringers-fine, weakly to moderately chloritic	402108	RL-05-83_045	134	135	1	0.024	0.001	24
136.85	143.80	(I3S) Feldspar porphyry , () subvolcanic type	402109	RL-05-83_046	139	140	1	0.005	<0.001	<5
		lightly biotitized, weak to moderate K-spar alteration, moderately fractured, bleached and altered along fractures	402110	RL-05-83_047	140	141	1	0.005	<0.001	<5
		140.75 - 141.05 white quartz vein at 55 to CA	402111	RL-05-83_048	141	142	1	0.327	0.01	327
		20% mafic bands and skarny bands	402112	RL-05-83_049	142	143	1	0.728	0.021	728
			402113	RL-05-83_050	143	144	1	0.022	0.001	22
143.80	150.25	(E0B) Komatiitic basalt , () similar to before	402114	RL-05-83_051	144	145	1	0.01	<0.001	10
		local biotitic streaks and bands, 2-3% quartz and carbonate winlets, minor epidote	402115	RL-05-83_052	149	150	1	0.019	0.001	19
150.25	152.90	(I3S) Feldspar porphyry , () subvolcanic type similar to above								
152.90	159.95	(E0B) Komatiitic basalt , () similar to before	402116	RL-05-83_053	154	155	1	0.016	<0.001	16
		biotite and carbonate contact aureols	402117	RL-05-83_054	159	160	1	0.017	<0.001	17
159.95	163.35	(I3S) Feldspar porphyry , () mixed zone with subvolcanic and chunky porphyry, 30% altered skarny mafic bands, 10% carbonate-calcite stringers and bands								
163.35	176.95	(E0B) Komatiitic basalt , () dark olive green, fine grained, weak to moderately chloritic vs amphibole, moderately foliated at 55 to CA,	402118	RL-05-83_055	164	165	1	0.008	<0.001	8
		2-3% quartz and carbonate-calcite veinlets, minor biotitic straeaks	402119	RL-05-83_056	169	170	1	0.012	<0.001	12
			402120	RL-05-83_057	170	171	1	0.01	<0.001	10

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			402121	RL-05-83_058	171	172	1	0.005	<0.001	<5	
			402122	RL-05-83_059	172	173	1	0.005	<0.001	<5	
			402123	RL-05-83_060	173	174	1	0.005	<0.001	<5	
			402124	RL-05-83_061	174	175	1	0.01	<0.001	10	
			402125	RL-05-83_062	175	176	1	0.011	<0.001	11	
			402126	RL-05-83_063	176	177	1	0.018	0.001	18	
173.83	174.32	(I3S) Feldspar porphyry chunky type, massive, non foliated, sharp conformable contacts									
176.95	180.35	(I3S) Feldspar porphyry , () subvolcanic type porphyritic to sheared out phenos, light reddish-brown biotite, weak K-spar alteration, weak skarn veining 179.44 - 179.95 mafic band altered-skarny 10-15% calcite	402127	RL-05-83_064	177	178	1	0.012	<0.001	12	
			402128	RL-05-83_065	178	179	1	0.005	<0.001	<5	
			402129	RL-05-83_066	179	180	1	0.012	<0.001	12	
180.35	187.75	(E0B) Komatiitic basalt , () similar to before moderately foliated, weak biotitic streaks and bands, 3% quartz and calcite veinlets generally parallel to foliation. Weakly chloritic, traces fine tourmaline occurring in patches 186 - 187.75 generally low angle to CA well altered-biotitic bands 5-8% calcite veinlets	402130	RL-05-83_067	180	181	1	0.011	<0.001	11	
			402131	RL-05-83_068	181	182	1	0.01	<0.001	10	
			402132	RL-05-83_069	182	183	1	0.005	<0.001	<5	
			402133	RL-05-83_070	183	184	1	0.014	<0.001	14	
			402134	RL-05-83_071	184	185	1	0.023	0.001	23	
			402135	RL-05-83_072	185	186	1	0.005	<0.001	5	
			402136	RL-05-83_073	186	187	1	0.038	0.001	38	
			402137	RL-05-83_074	187	188	1	0.007	<0.001	7	
187.75	198.53	(I3S) Feldspar porphyry , () subvolcanic type light reddish-brown from biotitization, weak K-spar alteration in patches and along fractures, predominantly porphyritic wit bands with sheared out phenocrysts, weak to locally moderate fracturing accompanied by weak bleaching, 5-10% altered mafic volcanic bands, 1-2% quartz and 1-2% calcite veining, foliation and banding at 55 to CA 188.78 - 189.27 altered mafic band 192.1 - 192.3 altered mafic band 195.13 - 195.45 altered mafic band	402138	RL-05-83_075	188	189	1	0.019	0.001	19	
			402139	RL-05-83_076	189	190	1	0.014	<0.001	14	
			402140	RL-05-83_077	190	191	1	0.006	<0.001	6	
			402141	RL-05-83_078	191	192	1	0.46	0.013	460	
			402142	RL-05-83_079	192	193	1	0.033	0.001	33	
			402143	RL-05-83_080	193	194	1	0.022	0.001	22	
			402144	RL-05-83_081	194	195	1	0.006	<0.001	6	
			402145	RL-05-83_082	195	196	1	0.024	0.001	24	
			402146	RL-05-83_083	196	197	1	0.018	0.001	18	
			402147	RL-05-83_084	197	198	1	0.005	<0.001	<5	
			402148	RL-05-83_085	198	199	1	0.032	0.001	32	
198.53	208.07	(E0B) Komatiitic basalt , ()	402151	RL-05-83_086	199	200	1	0.01	<0.001	10	

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		similar to before	402152	RL-05-83_087	200	201	1	0.02	0.001	20	
		204 - 208.07 increased bleaching, 3% calcite stringers, more intense biotite streaks and irregular banding at 50 to CA	402153	RL-05-83_088	201	202	1	0.22	0.006	220	
			402154	RL-05-83_089	202	203	1	0.468	0.014	468	
			402155	RL-05-83_090	203	204	1	0.007	<0.001	7	
			402156	RL-05-83_091	204	205	1	0.005	<0.001	<5	
			402157	RL-05-83_092	205	206	1	0.016	<0.001	16	
			402158	RL-05-83_093	206	207	1	0.008	<0.001	8	
			402159	RL-05-83_094	207	208	1	0.041	0.001	41	
208.07	209.50	(I3S) Feldspar porphyry , ()	402160	RL-05-83_095	208	209	1	0.005	<0.001	<5	
		subvolcanic type	402161	RL-05-83_096	209	210	1	0.024	0.001	24	
		similar to before									
		210.12 - 210.30 chunky porphyry dike									
209.50	218.50	(E1) Mafic Volc , (MAS) Massive	402161	RL-05-83_096	209	210	1	0.024	0.001	24	
		60-65% mafic volcanics, 30-35% feldspar porphyry dikes-subvolcanic type	402162	RL-05-83_097	210	211	1	0.039	0.001	39	
			402163	RL-05-83_098	211	212	1	0.005	<0.001	<5	
			402164	RL-05-83_099	212	213	1	0.005	<0.001	<5	
			402165	RL-05-83_100	213	214	1	0.007	<0.001	7	
			402166	RL-05-83_101	214	215	1	0.015	<0.001	15	
			402167	RL-05-83_102	215	216	1	0.008	<0.001	8	
			402168	RL-05-83_103	216	217	1	0.042	0.001	42	
			402169	RL-05-83_104	217	218	1	0.558	0.016	558	
			402170	RL-05-83_105	218	219	1	0.062	0.002	62	
218.50	238.32	(I3S) Feldspar porphyry , ()	402170	RL-05-83_105	218	219	1	0.062	0.002	62	
		subvolcanic type	402171	RL-05-83_106	219	220	1	0.042	0.001	42	
		light reddish-brown-light biotitized, weak K-spar alteration in irregular bands and along fractures, weak to locally strong fracturing accompanied by variable bleaching, epidotization and carbonatization	402172	RL-05-83_107	220	221	1	0.07	0.002	70	
		moderately sheared to banded at 55 to CA, minor narrow skarn veinlets	402173	RL-05-83_108	221	222	1	0.009	<0.001	9	
		237.14 - 237.27 30-40% Fe carbonate veining at 40 to CA	402174	RL-05-83_109	222	223	1	0.012	<0.001	12	
		237.27 - 237.44 porphyry	402175	RL-05-83_110	223	224	1	0.045	0.001	45	
		237.44 - 237.65 skarny band	402176	RL-05-83_111	224	225	1	0.011	<0.001	11	
			402177	RL-05-83_112	225	226	1	0.012	<0.001	12	
			402178	RL-05-83_113	226	227	1	0.02	0.001	20	
			402179	RL-05-83_114	227	228	1	0.016	<0.001	16	
			402180	RL-05-83_115	228	229	1	0.25	0.007	250	
			402181	RL-05-83_116	229	230	1	0.119	0.003	119	

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			402182	RL-05-83_117	230	231	1	0.03	0.001	30	
			402183	RL-05-83_118	231	232	1	0.034	0.001	34	
			402184	RL-05-83_119	232	233	1	0.018	0.001	18	
			402185	RL-05-83_120	233	234	1	0.025	0.001	25	
			402186	RL-05-83_121	234	235	1	0.009	<0.001	9	
			402187	RL-05-83_122	235	236	1	0.018	0.001	18	
			402188	RL-05-83_123	236	237	1	0.046	0.001	46	
			402189	RL-05-83_124	237	238	1	0.05	0.001	50	
238.32	249.00	(M4) Amphibolite , (BAN) Banded mafic to intermediate darkn greenish to brownish, well foliated and wek to moderately banded at 55 to CA, weak epidote alteration bands, 2-3% fine quartz and calcite veinlets, traces tourmaline	402190	RL-05-83_125	238	239	1	0.086	0.002	86	
			402191	RL-05-83_126	239	240	1	0.015	<0.001	15	
			402192	RL-05-83_127	240	241	1	0.005	<0.001	<5	
			402193	RL-05-83_128	241	242	1	0.021	0.001	21	
			402194	RL-05-83_129	242	243	1	0.024	0.001	24	
			402195	RL-05-83_130	243	244	1	0.049	0.001	49	
			402196	RL-05-83_131	244	245	1	0.017	<0.001	17	
			402197	RL-05-83_132	245	246	1	0.01	<0.001	10	
			402198	RL-05-83_133	246	247	1	0.059	0.002	59	
			402201	RL-05-83_134	247	248	1	0.924	0.027	924	
			402202	RL-05-83_135	248	249	1	0.059	0.002	59	
249.00	253.42	(E1) Mafic Volc , (BAN) Banded Start of extention hole. Weakly baned mafic volcanic amphibole rich with weak bands of biotite, amph. Veins of carbonate 3% of unit@same angle as banding @55tca. Minor band of epidote. 2 Local intrusions within mafic. From 251.6 to 251.75m foliated moderately siliceous fp dyke with bleached margins. Margin to upper cnt with blebs of po and bands of py increased biotite and weakly silithiifed for 20cm. second is a late altered porphyry dake with a biotite fabric.	A466781		249	250	1			16	Start of extention hole and start of r sampling
			A466782		250	251	1			29	
			A466783		251	252	1			117	
			A466784		252	253	1			108	
253.42	258.10	(I3S) Feldspar porphyry , (FOL) Foliated Sheared Feldspar Porphyry light reddish-brown from biotitization, weak K-spar alteration in patches and along fractures, predominantly porphritic with minor bands with sheared out phenocrysts, moderate fracturing accompanied by weak bleaching. Qtz veins one set clear dark grey and one with a darkin alteration within (amph) 3-4% of unit. Shearing @55tca.	A466785		253	254	1			212	
			A466786		254	255	1			25	
			A466787		255	256	1			<5	
			A466788		256	257	1			<5	
			A466789		257	258	1			<5	
258.10	260.25	(E1) Mafic Volc , (FOL) Foliated Foliated weakly banded Mafic Volcanics amphibole rich dark green with bands of black	A466790		258	259	1			57	
			A466791		259	260	1			47	

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biotite. Calcite rich veins @55tca same as foliation 8% of unit with local bouginaged clear qtz veins <1%. Intrusive dyke through center of unit.										
259.00	259.95	(I1) Mafic Intrusive								
FG massive mafic dyke with sharp cnts @55tca.										
260.25	268.85	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466792	260	261	1			39	
Sheared Feldspar Porphyry light reddish-brown from biotitization, weak K-spar alteration in patches and along fractures, predominantly porphritic with minor bands with sheared out phenocrysts, moderate fracturing accompanied by moderate bleaching 40% of unit. Qtz veins one set clear dark grey and 2% of unit and thin qtz tourmaline veins irregular 1%. Shearing @55tca.										
			A466793	261	262	1			40	
			A466794	262	263	1			8	
			A466795	263	264	1			11	
			A466796	264	265	1			7	
			A466797	265	266	1			30	
			A466798	266	267	1			<5	
			A466801	267	268	1			7	
			A466802	268	269	1			12	
268.85	287.55	(E1) Mafic Volc , (MAS) Massive	A466803	269	270	1			42	
More Massive mafic Volcanic with a weak to moderate foliation fabric @60tca. Moderately carbonate (mostly calcite) fractured and veined with some with magnetitic po and py 8-10% veining. Very minor qtz veining mostly planar Minor to moderate biotite banding 15% of unit. Unit has a more fg gabbroic look.										
			A466804	270	271	1			110	
			A466805	271	272	1			32	
			A466806	272	273	1			14	
			A466807	273	274	1			91	
			A466808	274	275	1			14	
			A466809	275	276	1			31	
			A466810	276	277	1			46	
			A466811	277	278	1			24	
			A466812	278	279	1			21	
			A466813	279	280	1			81	
			A466814	280	281	1			126	
			A466815	281	282	1			56	
			A466816	282	283	1			24	
			A466817	283	284	1			28	
			A466818	284	285	1			91	
			A466819	285	286	1			32	
			A466820	286	287	1			20	
			A466821	287	288	1			224	
287.55	293.65	(I1A) Gabbro , (GS2) Medium Grained	A466822	288	289	1			83	

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From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
		MG foliated gabbro intrusion. Moderately foliated @55-60tca. Minor carbonat fracture veining 0.5% of unit. Local intrusion of weakly calcite and biotitic with feldspar phenos from 293.2 to 293.5. Biotite schist at lower cnt.	A466823	293	294	1			196	
293.65	294.40	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained Sheared Feldspar Porphyry light reddish-brown from biotitization, porphritic with moderate bands with sheared out phenocrysts, minor fracturing accompanied by minor bleaching. Shearing @55tca.								
294.40	314.70	(E1) Mafic Volc , (FOL) Foliated	A466824	294	295	1			56	
		Foliated with dark greenish black mafic volcanics with moderate calcite stress fracture fill and veins @55-65tca with foliation 7% carbonate. Local sections almost a carbonate breccia. Weak banding of brown biotite patches 10%. Local inclusion of sheared FP from 307.4 to 307.75. magnetitic po veinettes/diss and cubic mg-cg throughout mostly with or marginal to calcite 2-3%. Local section with increase sulphide at 306.2 to 307.0 po/py and at lower cnt.	A466825	295	296	1			40	
			A466826	296	297	1			13	
			A466827	297	298	1			35	
			A466828	300	301	1			72	
			A466829	301	302	1			14	
			A466830	302	303	1			14	
			A466831	303	304	1			22	
			A466832	304	305	1			185	
			A466833	305	306	1			24	
			A466834	306	307	1			155	
			A466835	307	308	1			90	
			A466836	308	309	1			24	
			A466837	309	310	1			<5	
			A466838	310	311	1			<5	
			A466839	311	312	1			6	
			A466840	312	313	1			9	
			A466841	313	314	1			38	
			A466842	314	315	1			45	
314.70	333.15	(I1A) Gabbro , (FOL) Foliated	A466843	315	316	1			30	
		Dull green FG-CG gabbroic inclusion grains size increasing with depth. Foliated @60tca. Disseminate/veinettes of po throughout 3-5% po. Cut but calcitic veining 2-4% of unit predominately with foliation. Local inclusion of fg mafic volcanics moderately biotitic with increased disseminate po throughout. 2 larger carbonate veins with diopside alteration. Lower cnt with a large 15cm cnt qtz vein and increase schistose biotite. Minor clear planar qtz veining <1% of unit,	A466844	316	317	1			8	
			A466845	317	318	1			6	
			A466846	318	319	1			<5	
			A466847	319	320	1			<5	
			A466848	320	321	1			7	
			A466851	321	322	1			22	
			A466852	322	323	1			9	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-05-83
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
			A466853	323	324	1			18	
			A466854	324	325	1			69	
			A466855	325	326	1			31	
			A466856	326	327	1			10	
			A466857	327	328	1			<5	
			A466858	328	329	1			11	
			A466859	329	330	1			7	
			A466860	330	331	1			23	
			A466861	331	332	1			89	
			A466862	332	333	1			59	
333.15	335.03	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466863	333	334	1			43	
		Sheared Feldspar Porphyry light reddish-brown from biotitization, porphritic with moderate bands with sheared out phenocrysts, moderate fracturing accompanied by moderate bleaching 40% of unit. Qtz veins one set clearish grey/white and minor green qtz carb diopside veins 2% of unit. Shearing @55tca. Weak disseminated py throughout cubic <1%.	A466864	334	335	1			42	
335.03	340.65	(I1A) Gabbro , (FOL) Foliated	A466865	335	336	1			57	
		Same as above gabbro but starting with cg and decreaseing with depth to fg. 337.77 to 338.23 Local inclusion of shear fp dyke with biotitic schist cnts in gabbro	A466866	336	337	1			21	
			A466867	337	338	1			74	
			A466868	338	339	1			45	
			A466869	339	340	1			15	
			A466870	340	341	1			20	
340.65	341.70	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466871	341	342	1			23	
		Sheared Feldspar Porphyry light reddish-brown from biotitization, porphritic with moderate bands with sheared out phenocrysts, minor fracturing accompanied by minor bleaching. Shearing @60tca.								
341.70	344.88	(E1) Mafic Volc , (ALT) Altered	A466872	342	343	1			168	
		Foliated Mafic Volcanics with aluminous alteration as garnet banding strong 15-20% of unit garnet bands stopping at 344.1m. Than just massive foliated mafic volcanics. Foliated @65tca throughout.	A466873	343	344	1			43	
			A466874	344	345	1			15	
344.88	356.12	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466875	345	346	1			72	
		Sheared Feldspar Porphyry light reddish-brown from biotitization, predominantly porphritic with minor bands with sheared out phenocrysts, moderate fracturing accompanied by moderate bleaching 25% of unit. Qtz veins one set clear dark grey and 2% of unit and moderate qtz carbonate diopside veins planar 2%. Shearing @55tca.	A466876	346	347	1			12	
			A466877	347	348	1			12	
			A466878	348	349	1			114	
			A466879	349	350	1			37	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-05-83
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Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
			A466880	350	351	1			10	
			A466881	351	352	1			55	
			A466882	352	353	1			19	
			A466883	353	354	1			<5	
			A466884	354	355	1			12	
			A466885	355	356	1			16	
356.12	361.78	(I1) Mafic Intrusive , (FOL) Foliated	A466886	356	357	1			27	
		Weakly foliated mostly massive mafic intrusive. Sharp cnts @45-50tca. Fairly biotitic foliation fabric @45-50tca. Minor carbonate veining with very minor qtz fragments within 1% of unit. Local section a qtz carb breccia from 360.7 to 360.8 weak. Disseminate po/py throughout 0.5% of unit.	A466887	357	358	1			16	
			A466888	358	359	1			20	
			A466889	359	360	1			28	
			A466890	360	361	1			9	
			A466891	361	362	1			97	
361.78	372.80	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466892	362	363	1			75	
		Sheared Feldspar Porphyry light reddish-brown from biotitization, Strong silthification throughout minor microcline alteration along fractures, predominantly porphritic with minor bands with sheared out phenocrysts, moderate fracturing accompanied by moderate bleaching 40% of unit. Qtz veins one set clear to dark grey and 4% of unit and irregular thin qtz carb diopside veins irregular 2%. Shearing/foliation fabric @55tca. 2 Local mafic inclusion on a massive 20cm dyke. The other from 366.25 to 366.55 with a patche biotite schisting and disseminate po within. strong biotite alteration marginal to inclusion.	A466893	363	364	1			13	
			A466894	364	365	1			5	
			A466895	365	366	1			10	
			A466896	366	367	1			73	
			A466897	367	368	1			39	
			A466898	368	369	1			14	
			A466901	369	370	1			37	
			A466902	370	371	1			8	
			A466903	371	372	1			15	
			A466904	372	373	1			10	
372.80	376.25	(I3S) Feldspar porphyry , (ALT) Altered	A466905	373	374	1			66	
		dull lighter grey feldspar porphyry with strong shearing, most of porphyrys sheared out. Patchy to pervasive moderate sericite alteration but still moderately silthified. Shearing ranging from 45tca to 55tca. Minor planar qtz veining throughout 1% of unit.	A466906	374	375	1			9	
			A466907	375	376	1			10	
376.25	380.57	(I3S) Feldspar porphyry , (BAN) Banded	A466908	376	377	1			10	
		Banded Feldspar porphyry a bit lighter grey colour, with strong sericite alteration bands of qtz silthified biotite and sericite. Moderately curnulate folded banding @60tca. 1-2% green qtz carb diopside veining irregular thin with minor blebs of po/py. Local section of po/py banding from 379.05 to 379.30 25% sulphide. Almost all porphyry sheared out. (or possibly a E3 banded??)	A466909	377	378	1			9	
			A466910	378	379	1			12	
			A466911	379	380	1			9	
			A466912	380	381	1			6	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-05-83
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
380.57	385.00	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466913	381	382	1			40	
		Back to silithified sheared Feldspar porphyry light reddish-brown from biotitization, weak K-spar alteration in patches and along fractures, with sheared out feldspar phenocrysts. 2% of unit and thin qtz carbon diopsideveining irregular 2-3%. Shearing @55tca.	A466914	382	383	1			50	
			A466915	383	384	1			989	
			A466916	384	385	1			34	
385.00	399.00	(I3S) Feldspar porphyry , (ALT) Altered	A466917	385	386	1			69	
		Dull grey to dark brownish blackPatchy altering sericitic to silithified to both feldspar porphyry with 95% of phenocrysts sheared out. Weakly banded throughout. Qtz carb diopside veining now larger 0.5-3cm veins still irregular with more sulphide mineralization within blebs of po/py 2-4% of unit. Local small late chunky fp dykes 5-10cm 3% of unit. Local inclusion of mafic volcanics with schistose brown biotite 20% of unit and veinlette/diseminate po throughout 8% from 398.3 to 398.7	A466918	386	387	1			21	
			A466919	387	388	1			19	
			A466920	388	389	1			13	
			A466921	389	390	1			30	
			A466922	390	391	1			15	
			A466923	391	392	1			18	
			A466924	392	393	1			34	
			A466925	393	394	1			30	
			A466926	394	395	1			39	
			A466927	395	396	1			288	
			A466928	396	397	1			25	
			A466929	397	398	1			21	
			A466930	398	399	1			33	
399.00	416.71	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466931	399	400	1			35	
		Sheared Feldspar Porphyry light reddish-brown from biotitization, weak K-spar alteration in patches and along fractures, predominantly porphritic with minor bands with sheared out phenocrysts, moderate fracturing accompanied by moderate to strong bleaching 10% of unit. Qtz veins one set clear dark grey and <1% of unit and thin qtz carbon diopsideveining irregular 1% Shearing @55tca. Local larger skarn vein at 413.8 3cm tw wit blebs of po within.	A466932	400	401	1			13	
			A466933	401	402	1			13	
			A466934	402	403	1			18	
			A466935	403	404	1			11	
			A466936	404	405	1			5	
			A466937	405	406	1			<5	
			A466938	406	407	1			110	
			A466939	407	408	1			31	
			A466940	408	409	1			54	
			A466941	409	410	1			164	
			A466942	410	411	1			15	
			A466943	411	412	1			18	
			A466944	412	413	1			6	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-05-83
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
			A466945	413	414	1			9	
			A466946	414	415	1			18	
			A466947	415	416	1			6	
			A466948	416	417	1			46	
416.71	435.25	(E1) Mafic Volc , (FOL) Foliated	A466951	417	418	1			35	
		Foliated Mafic Volcanics strongly biotitic with patchy brown biotite throughout. Being half of unit with strong carbonate throughout but fades out. Amphibolitic carbonate veining throughout with minor diopside alteration and po/py disseminated veinettes and disseminated within and marginal to. Strongly foliated from 423m to 430m also with stronger sulphide mineralization with this section 4-5% sulph.	A466952	418	419	1			158	
			A466953	419	420	1			32	
			A466954	420	421	1			18	
			A466955	421	422	1			18	
			A466956	422	423	1			53	
			A466957	423	424	1			16	
			A466958	424	425	1			11	
			A466959	425	426	1			69	
			A466960	426	427	1			31	
			A466961	427	428	1			62	
			A466962	428	429	1			60	
			A466963	429	430	1			40	
			A466964	430	431	1			28	
			A466965	431	432	1			56	
			A466966	432	433	1			39	
			A466967	433	434	1			79	
			A466968	434	435	1			224	
435.25	436.90	(I3) Felsic Intrusive , (ALT) Altered	A466969	435	436	1			12	
		Highly altered felsic intrusive with strong sericite alteration throughout in increase in strength with depth. Small scattered pink grains looks like sheelite throughout. Dyke is fairly massive show no real fabric.	A466970	436	437	1			29	
436.90	447.15	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466971	437	438	1			87	
		Sheared Feldspar Porphyry light reddish-brown from biotitization, weak K-spar alteration in patches and along fractures, predominantly porphritic with minor bands with sheared out phenocrysts, moderate fracturing accompanied by moderate to strong bleaching 10% of unit. Moderate patches of sericite alteration the rest weakly silthified. Weak small patches of epidote alteration 1% of unit. Qtz veins one set clear dark grey and <1% of unit and thin qtz carbon diopsideveining irregular 5% Shearing @55tca. Local larger skarn vein (sub unit).	A466972	438	439	1			95	
			A466973	439	440	1			51	
			A466974	440	441	1			149	
			A466975	441	442	1			40	
			A466976	442	443	1			10	
			A466977	443	444	1			13	
			A466978	444	444.5	0.5			319	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-05-83
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
			A466979	444.5	445	0.5			266	
			A466980	445	445.6	0.6			282	
			A466981	445.6	446	0.4			28	
			A466982	446	447	1			27	
444.50	445.60	(V8) Skarn vein Large skarn vein with coliform carb fragments throughout surrounded by amphibole and diopside. Biotite and po banding occurring. As well as disseminated sulphide throughout. 5-6% sulph.								
447.15	450.00	(I2A) Diorite , (GS1) Fine Grained vfg massive Diorite Dyke. Weakly magnetic with a slight increase in last 10 of hole. EOH in diorite dyke at 450m.	A466983	447	448	1			8	
			A466984	448	449	1			17	
			A466985	449	450	1			<5	EOH and samples

Goldcorp Inc.
Diamond Drill Hole Report

Hole ID : RL-09-196
Project : COLI_LAKE
Prospect : SIDACE LK

<u>Drilling</u>	<u>Casing</u>	<u>Location</u>	<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	<u>Other</u>
Azimuth: 146.00	Length:	Township: COLI LAKE AREA	East: 462707.00	East:	Contractor: HY-TECH DRILLING
Dip: -60.00	Pulled: Y	Claim No: 1210049	North: 5681405.00	North:	Spotted By: Pryslak, A.P.
Length: 447 m	Capped:		Elevation: 419.00	Elevation:	Surveyed By:
Started: 05-Jun-2009	Cemented:	NTS: 52N/05	UTM Grid: NAD27_Z15	Local Grid:	Surveyed Date: 13-Jun-2009
Completed: 10-Jun-2009		Surface Hole: Yes	Survey Type: handheld GPS		Logged By: Pryslak, A.P.
Logged: 13-Jun-2009	<u>Core</u>	Level: Surface			Logged By 2:
	Dimension: NQ		<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	Re-logged By:
	Storage: Cochenour Mine		East: 462707.00	East:	Water Source: Lower Duck Lake
Target: East extension of Main Zone			North: 5681405.00	North:	Left in Hole: Nothing
			Elevation: 419.00	Elevation:	
			UTM Grid: NAD27_Z15	Local Grid:	
			Survey Type: estimated coords		

Comments: Casing pulled by night shift; dummy rod in hole to mark collar location only

<u>Deviation Tests</u>				<u>Deviation Tests</u>			
<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>
0.00	146.00	-60.00	PROPOSED	405.00	147.30	-55.90	Reflex
15.00	146.70	-58.30	Reflex	435.00	147.50	-55.60	Reflex
75.00	148.50	-58.20	Reflex				
135.00	153.30	-58.10	Reflex				
165.00	150.10	-57.50	Reflex				
195.00	148.60	-57.30	Reflex				
225.00	149.00	-57.30	Reflex				
255.00	147.50	-57.20	Reflex				
285.00	146.20	-57.00	Reflex				
315.00	145.80	-56.70	Reflex				
345.00	145.00	-56.40	Reflex				
375.00	146.20	-56.10	Reflex				

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-196

Project : COLI_LAKE

Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
0.00	7.50	(CS) casing (no recovery) , () capped								
7.50	32.20	(I1A) Gabbro , (GS2) Medium Grained Dark green hbl/px phyric gabbro; massive to weakly foliated ; approx. 20% dark green 1-4mm px phenos; weak biotite alteration								
32.20	47.60	(I1A) Gabbro , (GS3) Coarse Grained Very coarse grained unit with 20-25% feldspar, weak biotite, minor diss. py; the occassional qtz vein 1-2cm at 70 degrees								
47.60	52.70	(I1A) Gabbro , (GS2) Medium Grained Medium grained, dark green gabbro-diorite unit, related to both phases above; sharp contact with the coarse unit; fol. at 30 degrees tca; weak epidote alteration and red hematite alteration in felds. Minor qtz veining 0.5-2cm; feldspars locally appear as pheno to 3mm								
52.70	56.80	(I1) Mafic Intrusive , (ALT) Altered Pink to to grey intrusive, moderately silicified, as veins and pervasive.Moderate epidote alteration.								
56.80	70.50	(I1A) Gabbro , (GS2) Medium Grained Medium to coarse grained phase of the intrusion, moderate bleaching and epidote alteration in paches.1-2% qtz veins, 1-2cm at 70 degrees								
70.50	71.00	(I1) Mafic Intrusive , () Black mafic dyke at 40 degrees tca; few tiny phenos of px/hbl								
71.00	116.00	(I1A) Gabbro , (GS3) Coarse Grained Coarse grained phase of the gabbro unit.10-15% plag, locally pink from hematite.1% diss to weakly banded pt, minor epidote.								
116.00	117.40	(I3S) Feldspar porphyry , () Grey, foliated feldspar porphyry at 35 degrees on contacts; 20cm band of qtz-epidote veining on upper contact,								
117.40	125.60	(I1A) Gabbro , (GS2) Medium Grained Massive, dark green gabbro unit; minor bands of epidote; weak biotite and pyrite								
125.60	174.20	(E1S) Volcaniclastic sediments , ()								

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-196

Project : COLI_LAKE

Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
		Dark green to grey , pebble to cobble sized conglomerate, heterolithic, 3-4% white qtz-chert clasts.locally up to 5% py-po stringers; up to 3% 1mm pale pink garnet; foliation generally at 65 degrees; 134.5, 160 and 174: narrow late brittle gouge seams.								
174.20	179.60	(M0) Marble , (ALT) Altered								
		Mainly reddish garnetite skarn with bands of massive calcite and epidote or pale diopside. 175.2-175.8: band of epiclastics; 2-3% diss to stringer py								
179.60	185.20	(M0) Marble , ()								
		Massive, medium to coarse grained white calcite with minor garnet and diopside skarn.								
185.20	186.80	(M0) Marble , ()								
		Pale green diopside-qtz skarn; medim grained, massive								
186.80	188.50	(I3A) Granite , (GS3) Coarse Grained								
		Grey, massive biotite granodiorite; sharp contacts at 65 degrees								
188.50	190.70	(M0) Marble , (GS3) Coarse Grained								
		Green diopside phase with minor garnet and qtz.								
190.70	192.40	(I3A) Granite , (GS3) Coarse Grained								
		Grey, coarse, massive granodiorite								
192.40	194.70	(I3S) Feldspar porphyry , ()								
		Dark grey FP with 3% 1mm feld phenos, dark grey foliated dyke; not the sub-volcanic part. Contacts at 70 degrees								
194.70	198.80	(I3A) Granite , (GS3) Coarse Grained								
		Grey, massive biotite granodirite								
198.80	200.00	(M0) Marble , ()								
		Green, medium grained massive qtz-diopside phase of the marble skarn.								
200.00	205.20	(I3A) Granite , ()								
		Coarse grained biotite granodiorite; quite intense late fracturing, particularly last metre of the section.								
205.20	208.10	(M0) Marble , (ALT) Altered	A445401	206	207	1			<5	
		Qtz-diopside phase of the marble horizon. Medium green, rather uniform, resembles the skarn units above; the diopside has good crystal form,but at times appears to be too	A445402	207	208	1			<5	

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Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
		accicular to be diopside-just not sure what the mineral is?								
208.10	209.10	(I3A) Granite , (FRA) Fractured	A445403	208	209	1			8	
		Strongly mylonitized granodiorite; gouge seam at 208.5								
209.10	221.40	(E3) Felsic Volc , (ALT) Altered	A445404	209	210	1			<5	
		Felsic to intermediate volcanic, moderate sericite, minor biotite, garnet; grey to white, 2-3% biotite, 3% pale pink to brownish garnet; whitish flecs are possibly andalusite	A445405	210	211	1			<5	
			A445406	211	212	1			<5	
			A445407	212	213	1			<5	
			A445408	213	214	1			<5	
			A445409	214	215	1			<5	
			A445410	215	216	1			<5	
			A445411	216	217	1			<5	
			A445412	217	218	1			<5	
			A445413	218	219	1			<5	
			A445414	219	220	1			<5	
			A445415	220	221	1			<5	
221.40	221.80	(I1) Mafic Intrusive , ()	A445416	221	222	1			<5	
		Black mafic dyke at 80 degrees tca.								
221.80	234.30	(E3) Felsic Volc , (ALT) Altered	A445417	222	223	1			<5	
		Near qtz-garnet sericite schist; pale grey strong sericite, 2-3% biotite, 5% pale pink garnet to 2mm, minor andalusite, possibly more abundant but retrograding to white mica/sericite.	A445418	223	224	1			<5	
			A445419	224	225	1			<5	
			A445420	225	226	1			<5	
			A445421	226	227	1			<5	
			A445422	227	228	1			<5	
			A445423	228	229	1			<5	
			A445424	229	230	1			<5	
			A445425	230	231	1			17	
			A445426	231	232	1			<5	
			A445427	232	233	1			<5	
			A445428	233	234	1			<5	
234.30	235.10	(E1) Mafic Volc , ()	A445429	234	235	1			<5	
		garnet-amphibole unit with 4-5% biotite, 2-3% fine diss magnetite.								

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-196
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<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
235.10	236.40	(E3) Felsic Volc , (ALT) Altered Brown staurolite altered felsics, grading into more white, sericitic felsics; fol/banding at 55 degrees	A445430	235	236	1			12	
236.40	237.30	(I1A) Gabbro , () Dark green hblid gabbro. contacts at 55 degrees tca.	A445431	236	237	1			<5	
237.30	242.10	(E3 C2B) Felsic Volc Iron formation - Sulphide facies, (ALT) Altered Strongly sericitic felsic volcanics with 5% band with semi-massve py;	A445432	237	238	1			18	5%S
			A445433	238	239	1			19	5%S
			A445434	239	240	1			36	3%S
			A445435	240	241	1			29	2%S
			A445436	241	242	1			67	5cm MS
242.10	249.30	(E3) Felsic Volc , (ALT) Altered White to grey, sericitic felsic volcanics; minor diss to lenses of py.	A445437	242	243	1			144	
			A445438	243	244	1			76	
			A445439	244	245	1			82	
			A445440	245	246	1			85	
			A445441	246	247	1			72	2%py,fuc.
			A445442	247	248	1			105	3%py
			A445443	248	249	1			61	5%py
249.30	250.00	(C1) Chert , () Grey, glassy qtz; the Sidace chert unit	A445444	249	250	1			22	3%py
250.00	250.50	(I1) Mafic Intrusive , () Black, fine gained mafic dyke; lamp type with 5-6% biotite, minor feld phenos	A445445	250	251	1			11	
250.50	251.80	(C1) Chert , () Chert, as above the dyke.	A445445	250	251	1			11	
			A445446	251	252	1			10	
251.80	253.00	(M3B) Quartz-sericite schist , () Fault section with very strong sericite, 5% bands coarse pyrite.	A445447	252	253	1			12	5%py,sh.
253.00	271.50	(E3) Felsic Volc , (ALT) Altered Grey to mauve qtz-andalusite unit; very minor sericite.	A445448	253	254	1			9	
			A445451	254	255	1			<5	
			A445452	255	256	1			<5	

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			A445453	256	257	1			<5	
			A445454	257	258	1			<5	
			A445455	258	259	1			<5	
			A445456	259	260	1			<5	
			A445457	260	261	1			<5	
			A445458	261	262	1			6	
			A445459	262	263	1			<5	
			A445460	263	264	1			<5	
			A445461	264	265	1			<5	
			A445462	265	266	1			<5	
			A445463	266	267	1			<5	
			A445464	267	268	1			6	
			A445465	268	269	1			<5	
			A445466	269	270	1			<5	
			A445467	270	271	1			<5	
			A445468	271	272	1			8	3%S
271.50	274.40	(E3) Felsic Volc , (ALT) Altered	A445468	271	272	1			8	3%S
		Strongly sericitic section with minor biotite and 4-5% diss py. Fol. at 55 degrees tca.	A445469	272	273	1			<5	3%S
			A445470	273	274	1			<5	5% <i>s</i>
274.40	287.30	(E3) Felsic Volc , (ALT) Altered	A445471	274	275	1			5	2%S
		qtz-andalusite unit with 10% bands of brown starolite-biotite; 278.4-279.8:	A445472	275	276	1			9	
		starolite-biotite-garnet phase of the aluminous alteration. 285.8-286.3: similar	A445473	276	277	1			7	
		staurolite-garnet band;	A445474	277	278	1			7	
			A445475	278	279	1			10	
			A445476	279	280	1			13	
			A445477	280	281	1			11	
			A445478	281	282	1			<5	
			A445479	282	283	1			<5	
			A445480	283	284	1			<5	
			A445481	284	285	1			102	
			A445482	285	286	1			29	
			A445483	286	287	1			5	

Goldcorp Inc.

Geological Description with Assays

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287.30	288.40	(C1) Chert , () Massive qtz, silica unit; minor py-po	A445484	287	288	1			<5	
288.40	294.20	(C2B) Iron formation - Sulphide facies , () Dark grey to black chert unit with 10% bands to diss. form of po-py; minor blebs of cpy; banding at 55 degrees	A445485	288	289	1			62	2%S
			A445486	289	290	1			26	10%po-py,tr.cpy
			A445487	290	291	1			7	
			A445488	291	292	1			28	5%S
			A445489	292	293	1			21	5%S
			A445490	293	294	1			175	2%S
294.20	304.30	(C1) Chert , () Grey, massive to banded chert ; very minor sulphides	A445491	294	295	1			151	
			A445492	295	296	1			197	
			A445493	296	297	1			120	
			A445494	297	298	1			463	5%S
			A445495	298	299	1			34	3%S
			A445496	299	300	1			294	
			A445497	300	301	1			1030	
			A445498	301	302	1			2657	
			A445501	302	303	1			986	
			A445502	303	304	1			929	
304.30	307.30	(C2B) Iron formation - Sulphide facies , () Chert unit, grey, banded at 55 degrees, 15% bands to diss po-py	A445503	304	305	1			1471	8%S
			A445504	305	306	1			115	5%S
			A445505	306	307	1			455	5%S
307.30	314.00	(E3) Felsic Volc , (ALT) Altered Dark grey qtz andalusite unit, grading into sericite schist; minor py, stibnite-tr. asp; 312-314: dark grey to black QSS with 3% black, folded QVs to 1cm; fol. at 60 degrees tca; narrow bands of QSS with minor fuchsite; 321.1-321.5: sheared mafic dyke with abundant fuchsite.	A445506	307	308	1			924	
			A445507	308	309	1			1520	3%S
			A445508	309	310	1			1371	3%py,tr.Sb,aspy
			A445509	310	311	1			887	3%py,tr.Sb,aspy
			A445510	311	312	1			747	3%py,tr.Sb,aspy
			A445511	312	313	1			1198	3%QV, tr,py,aspy,Sb,Mo
			A445512	313	314	1			1313	ditto
314.00	334.80	(E3) Felsic Volc , (ALT) Altered Microcline altered unit; pale grey to beige, fine grained weakly banded, minor light grey qtz veins to 1cm; trace py, minor sericite; 333-334.8: QSS with blebs of po-py	A445513	314	315	1			1234	
			A445514	315	316	1			797	
			A445515	316	317	1			3973	

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Geological Description with Assays

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			A445516	317	318	1			1283	
			A445517	318	319	1			376	
			A445518	319	320	1			1526	
			A445519	320	321	1			631	
			A445520	321	322	1			5590	
			A445521	322	323	1			362	
			A445522	323	324	1			741	
			A445523	324	325	1			595	1%QV
			A445524	325	326	1			319	
			A445525	326	327	1			2513	1%QV
			A445526	327	328	1			499	
			A445527	328	329	1			282	
			A445528	329	330	1			437	5%QV
			A445529	330	331	1			98	
			A445530	331	332	1			20	3%QV
			A445531	332	333	1			9	3%QV
			A445532	333	334	1			6	5%QV,1%S
			A445533	334	335	1			11	3%S
334.80	336.80	(E1) Mafic Volc , (BAN) Banded	A445534	335	336	1			42	
		Banded, biotitic to feldspathic unit; very minor amphibole noted; bands with moderate po	A445535	336	337	1			12	3%po
336.80	341.70	(I1A) Gabbro , ()	A445536	337	338	1			20	
		Dark green, medium grained hbl'd gabbro	A445537	338	339	1			6	
			A445538	339	340	1			20	
			A445539	340	341	1			9	
			A445540	341	342	1			15	2%S
341.70	348.70	(E3 E2) Felsic Volc Intermediate Volc, ()	A445541	342	343	1			117	3%S
		Light to medium grey, felsic volcanics with 15% more mafic/intermediate bands	A445542	343	344	1			45	3%S
			A445543	344	345	1			9	
			A445544	345	346	1			15	1%S
			A445545	346	347	1			156	2%S
			A445546	347	348	1			436	
			A445547	348	349	1			202	2%S

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348.70	377.70	(E1) Mafic Volc , (ALT) Altered	A445548	349	350	1			248	Tr. py, stubbt aspy
		Garnet-biotite-hbld unit with minor diss. to stringer po-py; minor stubby aspy at 350-350.3; fol. at 60-70 degrees	A445551	350	351	1			11	2%S, tr. stubby aspy
			A445552	351	352	1			21	
			A445553	352	353	1			19	
			A445554	353	354	1			23	
			A445555	354	355	1			16	
			A445556	355	356	1			10	
			A445557	356	357	1			55	
			A445558	357	358	1			21	
			A445559	358	359	1			88	1%S
			A445560	359	360	1			549	1%S
			A445561	360	361	1			71	2%mt.
			A445562	361	362	1			381	2%mt.
			A445563	362	363	1			11	1%S1%mt
			A445564	363	364	1			12	2%S
			A445565	364	365	1			18	3%S
			A445566	365	366	1			74	3%s
			A445567	366	367	1			<5	
			A445568	367	368	1			<5	
			A445569	368	369	1			<5	
			A445570	369	370	1			24	
			A445571	370	371	1			74	
			A445572	371	372	1			6	
			A445573	372	373	1			<5	
			A445574	373	374	1			35	
			A445575	374	375	1			516	
			A445576	375	376	1			10	
			A445577	376	377	1			9	
			A445578	377	378	1			10	
377.70	380.20	(I1A) Gabbro , ()	A445579	378	379	1			<5	
		Dark green, medium grained hbld gabbro; moderately foliated at 60 degrees	A445580	379	380	1			<5	
380.20	385.00	(E1) Mafic Volc , (ALT) Altered	A445581	380	381	1			8	

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		Banded garnet-biotite-hblid unit and more intermediate units at approx. 1:1,	A445582	381	382	1			16	
			A445583	382	383	1			19	
			A445584	383	384	1			7	
			A445585	384	385	1			8	2%S
385.00	385.60	(I3S) Feldspar porphyry , () Grey, foliated feld. porphyry dyke. Contacts at 60 degrees	A445586	385	386	1			8	
385.60	405.00	(E1) Mafic Volc , (BRX) Brecciated Dark grey-green mafic volcanic flows, moderately bleached, possibly ferro-dolomite; moderate fracturing and brecciation; 394.4-394.8: white bully QV at 35 degrees; 395-396: foliation/shear along CA; 401-403: intensely fractured, annealed by ferro-carb; no garnet with this section.	A445587	386	387	1			19	
			A445588	387	388	1			11	
			A445589	388	389	1			21	
			A445590	389	390	1			6	
			A445591	390	391	1			8	
			A445592	391	392	1			18	
			A445593	392	393	1			<5	
			A445594	393	394	1			<5	
			A445595	394	395	1			5	40cmQV
			A445596	395	396	1			37	
			A445597	396	397	1			81	
			A445598	397	398	1			11	
			A445601	398	399	1			7	
			A445602	399	400	1			9	
			A445603	400	401	1			7	
			A445604	401	402	1			9	
			A445605	402	403	1			10	
			A445606	403	404	1			<5	
			A445607	404	405	1			7	
405.00	406.00	(I3) Felsic Intrusive , () Fine grained, white aplitic dyke at 25 degrees tca	A445608	405	406	1			<5	
406.00	408.70	(E1) Mafic Volc , () Garnet-bearing unit with 5% garnet, 2% diss po-py	A445609	406	407	1			38	2%S
			A445610	407	408	1			12	2%S
			A445611	408	409	1			22	
408.70	415.50	(E1 I1A) Mafic Volc Gabbro, (FRA) Fractured	A445612	409	410	1			<5	

Goldcorp Inc.

Geological Description with Assays

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From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments	
		Grey-green, weak to moderate fracturing, massive, fine grained basalt flows. Near black phases appear to be gabbroic. 409.7-410.5: grey-green, bleached, well foliated basalt band; minor biotite and silicification bands with minor sulphides.	A445613	410	411	1			<5		
			A445614	411	412	1			31		
			A445615	412	413	1			18		
			A445616	413	414	1			16		
			A445617	414	415	1			6		
			A445618	415	416	1			<5		
415.50	421.50		(I1A) Gabbro , (FRA) Fractured	A445618	415	416	1			<5	
			Black, medium to fine grained gabbro or massive flows? Foliation is much weaker developed than in the bleached basalt units	A445619	416	417	1			<5	
		A445620		417	418	1			59		
		A445621		418	419	1			<5		
		A445622		419	420	1			<5		
		A445623		420	421	1			<5		
		A445624		421	422	1			9		
421.50	425.80	(E1) Mafic Volc , (DSR) Disrupted		A445624	421	422	1			9	
		Grey, silicified section with moderate annealed breccia and minor late fault slips.Upper contact is a 10cm fault gouge seam; banding/fol. at 35 degrees	A445625	422	423	1			26		
			A445626	423	424	1			<5		
			A445627	424	425	1			124		
			A445628	425	426	1			15		
425.80	439.00		(E1) Mafic Volc , ()	A445629	426	427	1			7	
		Foliated, dark grey-green basalts; moderate biotite and 3-5% pale pink garnet to 5mm; moderate subtle banding and weak silicification; texture somewhat mylonitic?	A445630	427	428	1			<5		
			A445631	428	429	1			<5		
			A445632	429	430	1			<5		
			A445633	430	431	1			<5		
			A445634	431	432	1			<5		
			A445635	432	433	1			6		
			A445636	433	434	1			192		
			A445637	434	435	1			<5		
			A445638	435	436	1			7		
			A445639	436	437	1			6		
			A445640	437	438	1			<5		
		A445641	438	439	1			<5			
439.00	447.00	(E1) Mafic Volc , (ALT) Altered	A445642	439	440	1			<5		

Goldcorp Inc.

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		Mylonotic fabric with hard, silicified section giving way at 445.7 to brecciated, bleached, annealed fault breccia;	A445643	440	441	1			<5	
			A445644	441	442	1			<5	
			A445645	442	443	1			<5	
			A445646	443	444	1			5	
			A445647	444	445	1			<5	
			A445648	445	446	1			149	
			A445651	446	447	1			<5	

Goldcorp Inc.
Diamond Drill Hole Report

Hole ID : RL-09-197
Project : COLI_LAKE
Prospect : SIDACE LK

<u>Drilling</u>	<u>Casing</u>	<u>Location</u>	<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	<u>Other</u>
Azimuth: 160.00	Length:	Township: COLI LAKE AREA	East: 462675.00	East:	Contractor: HY-TECH DRILLING
Dip: -65.00	Pulled: N	Claim No: 1210049	North: 5681333.00	North:	Spotted By: Pryslak, A.P.
Length: 414 m	Capped: Y		Elevation: 418.00	Elevation:	Surveyed By:
Started: 11-Jun-2009	Cemented:	NTS: 52N/05	UTM Grid: NAD27_Z15	Local Grid:	Surveyed Date:
Completed: 14-Jun-2009		Surface Hole: Yes	Survey Type: handheld GPS		Logged By: Pryslak, A.P.
Logged: 15-Jun-2009	<u>Core</u>	Level: Surface			Logged By 2:
	Dimension: NQ		<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	Re-logged By:
Target:	Storage: Cochenour Mine		East: 462675.00	East:	Water Source:
			North: 5681333.00	North:	Left in Hole: Nothing
			Elevation: 418.00	Elevation:	
			UTM Grid: NAD27_Z15	Local Grid:	
			Survey Type: estimated coords		

Comments:

<u>Deviation Tests</u>				<u>Deviation Tests</u>			
<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>
0.00	160.00	-65.00	PROPOSED	351.00	160.40	-63.40	Reflex
21.00	158.00	-65.70	Reflex	381.00	161.90	-62.50	Reflex
51.00	156.90	-65.50	Reflex	414.00	160.10	-62.40	Reflex
81.00	158.00	-65.40	Reflex				
111.00	158.70	-65.40	Reflex				
141.00	159.60	-65.30	Reflex				
171.00	159.80	-65.00	Reflex				
201.00	160.20	-64.80	Reflex				
231.00	159.50	-64.60	Reflex				
261.00	161.90	-64.30	Reflex				
291.00	159.60	-64.20	Reflex				
321.00	161.10	-63.90	Reflex				

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-197
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
0.00	12.60	(CS) casing (no recovery) , ()								
12.60	36.00	(E1S) Volcaniclastic sediments , () Mafic epiclastic with 3-5% diss. to stringer py; fol. generally at 60 degrees , except over 10-100cm when small folds are present.								
36.00	37.30	(I2A) Diorite , () Dark grey biotitic intrusive, massive, contacts at a high angle to fol. in the host seds. Mafic mineral seems to be mainly biotite.								
37.30	42.10	(E1S) Volcaniclastic sediments , () Mafic epiclastic, quite sheared and biotic with minor sericite; 5% py-po; fold on the upper 1.5m interval.								
42.10	47.40	(I2A) Diorite , () Dark grey diorite, as above; slightly coarser grained than above and possibly some amphibole. Upper contact at 35 degrees, lower at 70 degrees tca								
47.40	51.60	(E1S) Volcaniclastic sediments , () Mafic epiclastic unit; abundant heterolithic clasts								
51.60	58.50	(E2S) Volcaniclastic sediments , () More intermediate phase with qtz clasts being dominant. 57.7-58.5: strong silica-epidote alteration next to skarn unit								
58.50	60.00	(M0) Marble , (ALT) Altered Garnet-epidote skarn phase of the marble unit.								
60.00	75.40	(E2S) Volcaniclastic sediments , () Intermediate epiclastic with moderate bands of epidote alteration.								
75.40	126.40	(I1A) Gabbro , () Dark green, coarse grained to hblid phyrlic gabbro; quite variable in composition from diorite to hblid rich gabbro. Minor biotite alteration; 131.8 and 135.0: clay gouge seams from faulting.								
126.40	143.90	(M0) Marble , (ALT) Altered Garnet-diopside-epidote skarn raft in the gabbro; contact area for several metres is green from epidotization.								

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-197
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
143.90	151.50	(I1A M0) Gabbro Marble, () Coarse gabbro, epidotized with some garnetite bands.								
151.50	156.10	(I1A) Gabbro , () Coarse grained hblid gabbro. minor reddish hematitic alteration bands, fracture controlled.								
156.10	156.60	(I1A) Gabbro , (BRX) Brecciated Fault zone with abundant gouge								
156.60	162.80	(I1A) Gabbro , () Mostly bleached light grey-green, epidotized gabbro; minor more mafic , unaltered sections								
162.80	165.40	(I3A I1A) Granite Gabbro, () Mostly grey, coarse grained granodiorite with inclusions of gabbro and a medium green, medium grained equigranular unit that resembles qtz-diopside skarn?								
165.40	171.80	(I1A) Gabbro , () Coarse grained gabbro, weakly bleached from epidote alteration								
171.80	173.00	(I2A) Diorite , () Medium green, medium grained qtz-diopside ? unit . possibly a skarn section of marble, as seen in 196								
173.00	179.50	(I1A E1) Gabbro Mafic Volc, () Heterolithic section with gabbro, granodiorite, mafic volcanics and some skarn type bands;								
179.50	180.70	(I3A) Granite , () Grey granodiorite; coarse grained, biotitic, weakly foliated at 35 degrees tca								
180.70	184.70	(I1A) Gabbro , () Coarse grained, dak green hblid phyric phase of the gabbro, as much as the above sections								
184.70	194.00	(I3A) Granite , () Coarse grained , biotite granodiorite; quite mixed with the gabbro; 190.7-192.4: mainly gabbro; 2% stringer po-py								
194.00	205.00	(I1A) Gabbro , ()								

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-197
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
205.00	207.50	(E2) Intermediate Volc , () Coarse grained, hblid phyric gabbro. Grey, biotitic, fine grained intermediate unit; no garnet; fol. at 45 degrees								
207.50	224.90	(E1) Mafic Volc , (ALT) Altered Garnet-bearing mafic volcanics; quite massive with moderate hblid in sections; weak biotite alteration; non-magnetic								
224.90	225.60	(I3A) Granite , () Grey, coarse grained biotite granodiorite dyke. contacts at 50 degrees tca								
225.60	229.40	(E1) Mafic Volc , (ALT) Altered Garnet-bearing mafic volcanic; minor bleaching; 227.6-227.7: fault breccia and gouge								
229.40	232.30	(E3) Felsic Volc , (ALT) Altered Qtz-andalusite unit; moderately broken up core from faulting								
232.30	234.20	(E1) Mafic Volc , (ALT) Altered Garnet-biotite mafic volcanics; massive, uniform								
234.20	241.70	(E3) Felsic Volc , (ALT) Altered Qtz-andalusite unit; pale grey to mauve.								
241.70	244.40	(E1) Mafic Volc , () Dark grey, biotitic phase of felsics? of possibly more mafic. moderate garnet.								
244.40	263.30	(E3) Felsic Volc , (ALT) Altered Qts-andalusite unit. 244.4-246.3: broken up section with moderate gouge material								
263.30	265.70	(E3) Felsic Volc , () lapilli type texture to this white unit with moderate sericite, 2-3% diss. py; fol. at 45 degrees	A445652	263	264	1			10	
			A445653	264	265	1			7	2%S
			A445654	265	265.7	0.7			<5	2%S
265.70	266.70	(I1) Mafic Intrusive , () Dark grey-brown mafic to lamp dyke. Minor hblid pheno indication relationship to the hblid phyric gabbro, but matrix dominant.	A445655	265.7	266.6	0.9			53	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-197
 Project : COLI_LAKE
 Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
266.70	267.90	(E3) Felsic Volc , (ALT) Altered Qtz-andalusite to sericite; 2% diss py on contact with the silica unit below.	A445656	266.6	267.8	1.2			393	2%S
267.90	270.30	(C2B) Iron formation - Sulphide facies , () Quartz with 15-20% semi-massive py bands; bandind approx. 40 degrees tca	A445657	267.8	269	1.2			226	10%py
			A445658	269	270	1			28	15%py
270.30	292.40	(C1) Chert , () Grey massive qtz unit with 2-3% diss py.	A445659	270	271	1			14	5%py
			A445660	271	272	1			42	
			A445661	275	276	1			<5	
			A445662	281	282	1			10	
			A445663	287	288	1			14	
			A445664	291	292	1			35	
292.40	293.90	(C2B) Iron formation - Sulphide facies , () Massive coarse grained pyrite. contacts at 50 degrees tca.; minor po banding on the lower contact.	A445665	292	293	1			54	M py
			A445666	293	294	1			114	80%py,10%po
293.90	324.80	(E3) Felsic Volc , (ALT) Altered Qtz-andalusite unit, white to pale mauve, minor sections quite sericitic; 295.5-295.8, 296.4-296.55: white bully QVs; 323-323.3: QV with 5% blebs po, likely a meta-chert horizon.	A445667	294	295	1			<5	
			A445668	295	296	1			<5	
			A445669	296	297	1			<5	
			A445670	297	298	1			<5	
			A445671	298	299	1			<5	
			A445672	299	300	1			<5	
			A445673	303	304	1			<5	
			A445674	307	308	1			<5	
			A445675	311	312	1			<5	
			A445676	315	316	1			<5	
			A445677	316	317	1			<5	
			A445678	317	318	1			<5	
			A445679	318	319	1			6	
			A445680	319	320	1			<5	
			A445681	320	321	1			<5	
			A445682	321	322	1			<5	
			A445683	322	322.9	0.9			<5	
			A445684	322.9	324	1.1			14	35cm QV
			A445685	324	324.8	0.8			<5	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-197
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
324.80	331.80	(C1 E2) Chert Intermediate Volc, (BAN) Banded	A445686	324.8	325.8	1			195	3%S,fuc
		Dark grey to black chert with medium grained bands of strongly fuchsitic, medium grained intermediate volcanics-possibly dykes; contacts at 35 to 45 degrees. 2-3% blebs of po-py	A445687	325.8	326.6	0.8			13	3%S
			A445688	326.6	327.4	0.8			16	5%S,fuc
			A445689	327.4	328.5	1.1			52	5%S,fuc
			A445690	328.5	329.8	1.3			342	3%S,fuc
			A445691	329.8	331	1.2			863	3%S
			A445692	331	331.8	0.8			649	5%S
331.80	343.60	(M3B) Quartz-sericite schist , (SHD) Sheared / highly strained	A445693	331.8	333	1.2			544	2%QV,2%S
		Main Zone section with 4-5% dark grey QVs to 3cm, highly deformed; very minor traces of stibnite and aspy; fol. at 35 degrees tca;	A445694	333	334	1			1406	5%QV,2%py,tr.aspy,Sb
			A445695	334	335	1			101	10% QV,2%S
			A445696	335	336	1			234	2%QV,2%S
			A445697	336	337	1			978	25cm1% Sb, tr.aspy
			A445698	337	338	1			765	tr, Sb,aspy
			A445701	338	339	1			203	
			A445702	339	340	1			1268	3%QV,2%S
			A445703	340	341	1			331	
			A445704	341	342	1			93	
			A445705	342	343	1			115	
			A445706	343	344	1			229	
343.60	357.00	(E3) Felsic Volc , (ALT) Altered	A445707	344	345	1			200	
		Qtz-microcline unit with moderate sericitic section. very minor py and the occasional QV	A445708	345	346	1			320	
			A445709	346	347	1			207	
			A445710	347	348	1			159	
			A445711	348	349	1			987	
			A445712	349	350	1			121	
			A445713	350	351	1			540	
			A445714	351	352	1			601	
			A445715	352	353	1			447	
			A445716	353	354	1			319	
			A445717	354	355	1			339	
			A445718	355	356	1			457	
			A445719	356	357	1			287	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-197
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
357.00	357.90	(I1) Mafic Intrusive , () Black to dark green fuchsitic dyke at 75 degrees; moderate sericite and biotite; crenulated---possibly mafic or komatiitic volcanic	A445720	357	358	1			219	
357.90	375.60	(E3) Felsic Volc , (ALT) Altered Microcline alterd section with 10-155 sericitic sections	A445721	358	359	1			258	
			A445722	359	360	1			86	
			A445723	360	361	1			35	
			A445724	361	362	1			356	
			A445725	362	363	1			111	
			A445726	363	364	1			144	
			A445727	364	365	1			342	
			A445728	365	366	1			525	
			A445729	366	367	1			105	
			A445730	367	368	1			176	
			A445731	368	369	1			89	
			A445732	369	370	1			116	
			A445733	370	371	1			163	
			A445734	371	372	1			24	
			A445735	372	373	1			117	
			A445736	373	374	1			72	
			A445737	374	375	1			32	
			A445738	375	376	1			106	
375.60	377.00	(E1) Mafic Volc , () Black-brown, biotitic mafic volcanic; fairly uniform, likely a dyke	A445739	376	377	1			39	
377.00	384.50	(E3) Felsic Volc , (ALT) Altered moderate sericite, microcline, minor biotite-andalusite	A445740	377	378	1			30	
			A445741	378	379	1			53	
			A445742	379	380	1			55	3%po
			A445743	380	381	1			66	2%S
			A445744	381	382	1			21	
			A445745	382	383	1			32	
			A445746	383	384	1			25	
			A445747	384	385	1			127	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-197
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
384.50	388.00	(E1) Mafic Volc , (ALT) Altered Dark grey, biotitic mafic volcanic, moderate andalusite blocks.	A444751	386	387	1			396	
			A444752	387	388	1			624	
			A445747	384	385	1			127	
			A445748	385	386	1			1714	
388.00	390.60	(E3) Felsic Volc , () White sericitic unit with 5-7% diss. to stringer po; fol. at 70 degrees tca;	A444753	388	389	1			41	2%po
			A444754	389	390	1			27	2%po
			A444755	390	391	1			53	5%po
390.60	414.00	(E1) Mafic Volc , () Garnet-amphibole-magnetite unit, similar to Upper duck but less garnet and diss. magnetite. Minor biotite	A444756	391	392	1			41	
			A444757	392	393	1			300	
			A444758	393	394	1			542	
			A444759	394	395	1			131	
			A444760	395	396	1			25	
			A444761	396	397	1			89	
			A444762	397	398	1			30	
			A444763	398	399	1			215	
			A444764	399	400	1			422	
			A444765	400	401	1			42	
			A444766	401	402	1			70	
			A444767	402	403	1			91	
			A444768	403	404	1			148	
			A444769	404	405	1			200	
			A444770	405	406	1			59	
			A444771	406	407	1			82	
A444772	407	408	1			185				
A444773	408	409	1			22				
A444774	409	410	1			35				
A444775	410	411	1			6				
A444776	411	412	1			66				
A444777	412	413	1			15				
A444778	413	414	1			27				

Goldcorp Inc.
Diamond Drill Hole Report

Hole ID : RL-09-198
Project : COLI_LAKE
Prospect : SIDACE LK

<u>Drilling</u>	<u>Casing</u>	<u>Location</u>	<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	<u>Other</u>
Azimuth: 146.00	Length: 6 m	Township: COLI LAKE AREA	East: 462195.00	East:	Contractor: HY-TECH DRILLING
Dip: -65.00	Pulled: N	Claim No: 1210049	North: 5681285.00	North:	Spotted By:
Length: 598.27 m	Capped: Y		Elevation: 415.00	Elevation:	Surveyed By:
Started: 15-Jun-2009	Cemented: N	NTS: 52N/05	UTM Grid: NAD27_Z15	Local Grid:	Surveyed Date:
Completed: 18-Jun-2009		Surface Hole: Yes	Survey Type: handheld GPS		Logged By: Chastko, L.C.
Logged: 23-Jun-2009		Level: Surface			Logged By 2: Howes, Ben
	Core				Re-logged By:
	Dimension: NQ		Coordinate - UTM	Coordinate - Local	Water Source:
Target:	Storage: Cochenour Mine		East: 462195.00	East:	Left in Hole: Nothing
			North: 5681285.00	North:	
			Elevation: 415.00	Elevation:	
			UTM Grid: NAD27_Z15	Local Grid:	
			Survey Type: estimated coords		

Comments: Hole RL-09-198 drilling in Planet Main Zone. Finished hole at 598.27m.

<u>Deviation Tests</u>				<u>Deviation Tests</u>			
<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>
0.00	146.00	-65.00	PROPOSED	345.00	136.80	-58.90	Reflex
15.00	151.30	-65.50	Reflex	375.00	136.40	-58.30	Reflex
45.00	147.30	-64.10	Reflex	405.00	136.90	-57.90	Reflex
75.00	147.10	-63.90	Reflex	435.00	135.60	-57.30	Reflex
105.00	145.90	-63.70	Reflex	465.00	135.90	-56.90	Reflex
135.00	145.40	-63.40	Reflex	495.00	135.20	-56.40	Reflex
165.00	144.60	-63.10	Reflex	525.00	135.10	-55.80	Reflex
195.00	142.00	-62.50	Reflex	555.00	135.20	-55.30	Reflex
225.00	141.70	-61.80	Reflex	585.00	135.00	-56.10	Reflex
255.00	140.10	-61.60	Reflex				
285.00	139.30	-61.00	Reflex				
315.00	137.60	-59.40	Reflex				

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-198
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
0.00	5.50	(OB) Overburden , ()								
5.50	26.00	(E2) Intermediate Volc , (BAN) Banded intermediate to felsic volcanics, well banded brownish grey and dark green amphibole variable banding generally cm scale, banding at 30-40 to CA, local weak garnets; 24 - 26, Fault zone, local broken core and 10-15% gouge sections								
26.00	55.00	(E1) Mafic Volc , (BAN) Banded mafic volcanic, variably banded green-amphibole and brownish-grey feldspar-biotiteric bands; strongly foliated, locally massive to predominantly banded at 35-40 to CA, variable scattered garnets 2 7 mm generally flattened or elongated, trace to locally minordisseminated popy; 37-37.4 quartz rich vein, 2-4% irregular massive py								
55.00	56.00	(E1) Mafic Volc , (ALT) Altered light green, strongly epidotized, moderately fractured								
56.00	103.70	(E1) Mafic Volc , (BAN) Banded mafic volcanics, variable weak to strong banding, local sections with 2-5% scattered garnets, banding and foliation at 35 to CA, local minor contorted quartz-amphibole-carb veinlets =/ popy								
103.70	104.25	(I1) Mafic Intrusive , (PHE) Phenocrystic grey-green, fine grained matrix with amphibole phenocrysts, weakly foliated, contacts at 70 to CA								
104.25	114.25	(E1) Mafic Volc , (BAN) Banded grey-green, finely banded, locally contorted and folded, minor felsic to intermediate bands								
114.25	116.00	(E0B) Komatiitic basalt , (GS1) Fine Grained light to olive green, weakly talcose core with weak biotitic margins								
116.00	126.55	(E1) Mafic Volc , (BAN) Banded green to grey-brown, fine grained, moderately banded and foliated at 35 to CA, 2-3% boudened disrupted quartz veinlets								
126.55	127.80	(I1) Mafic Intrusive , (PHE) Phenocrystic grey green, hornblende phyric, sharp contacts at 45 to CA								
127.80	171.00	(E1 E2) Mafic Volc Intermediate Volc, (BAN) Banded								

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-198
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
		predominantly well foliated to banded mafic volcanics, interfingering with 10-15% intermediate bands, banding and foliation at 35-40 to CA								
171.00	187.70	(I1A E2) Gabbro Intermediate Volc, (GS2) Medium Grained dark green, weakly foliated, minor intermediate and felsic volcanic slivers; possibly massive flow?								
187.70	190.15	(I3S) Feldspar porphyry, (POR) Porphyritic (with phenocrysts) Chunky porphyry, moderately foliated at 35 to CA, sharp conformable contacts								
190.15	212.10	(E1) Mafic Volc, (BAN) Banded typical variably banded mafic volcanics at 35 to CA, local weak fine garnetiferous sections, traces to locally minor popy along foliation and fine stringers								
212.10	213.00	(I3) Felsic Intrusive, (FOL) Foliated felsic dike, moderately foliated at 35 to CA								
213.00	224.90	(E1) Mafic Volc, (BAN) Banded typical amphibole/plag/biotite segregated banded mafics, local trace to minor stringers popy, strong banding and foliation at 35 to CA								
224.90	227.85	(I0E) Lamprophyre, (PHE) Phenocrystic hornblende phyric, weakly foliated to massive, sharp conformable contacts at 35 to CA								
227.85	258.00	(E1) Mafic Volc, (BAN) Banded typical banded mafic volcanics similar to above, traces to local stringers popy; 232.5 - 235 25% irregular fingers mafic intrusive	A444779	257	258	1			7	Start of sampling for RL-09-198
	239.95 - 241.25	(I1A) Gabbro gabbro, medium grained, weakly foliated								
258.00	260.00	(E2S) Volcaniclastic sediments, (FOL) Foliated variable light grey and greenish, vaguely fragmental appearance, variably locally moderately sericitic, overall 1-3% stringers py>po, well foliated at 35-40 to CA; 257.9 - 258 2 quartz vein	A444780	258	259	1			9	
			A444781	259	260	1			15	
260.00	284.50	(E2S) Volcaniclastic sediments, (FOL) Foliated medium greyish volcanic sediments, little to no fragments (qtz sericite schist??), cut by +/-5% whitish/bluish qtz sugary texture qtz veins. Minor py mineralized 1-2mm grains 2-3% of unit. py/po mineralization proximal to qtz vein as fg po and mg py botches. Strong foliation @50-60tca finely banded 2mm-10mm bands. fg-mg garnets scattered throughout in local patches 1-3mm grains (3-5% of unit). weak-moderate biotite 5-10%, banded.	A444782	260	261	1			12	
			A444783	261	262	1			16	
			A444784	262	263	1			21	
			A444785	263	264	1			10	
			A444786	264	265	1			24	
			A444787	265	266	1			10	

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			A444788	266	267	1			10	
			A444789	267	268	1			10	
			A444790	268	269	1			11	
			A444791	269	270	1			10	
			A444792	270	271	1			8	
			A444793	271	272	1			11	
			A444794	272	273	1			11	
			A444795	273	274	1			10	
			A444796	274	275	1			6	
			A444797	275	276	1			8	
			A444798	276	277	1			8	
			A444801	277	278	1			11	
			A444802	278	279	1			6	
			A444803	279	280	1			<5	
			A444804	280	281	1			<5	
			A444805	281	282	1			<5	
			A444806	282	283	1			<5	
			A444807	283	284	1			<5	
			A444808	284	285	1			<5	
284.50	291.35	(M3E) Quartz-sericite-biotite schist , (FOL) Foliated	A444808	284	285	1			<5	
		Light greyish brown qtz sericite biotite schist. Foliation throughout @ 55-65 tca becoming banded at 288.4. Minor garnets 1-2mm grains (2-3% of unit). Fairly strong biotite and weaker sericite. Minor cumulated qtz veining approx 1% of unit. Little to no sulphides.	A444809	285	286	1			<5	
			A444810	286	287	1			6	
			A444811	287	288	1			141	
			A444812	288	289	1			11	
			A444813	289	290	1			8	
			A444814	290	291	1			43	
291.35	294.05	(M3E) Quartz-sericite-biotite schist , ()	A444815	291	292	1			13	
		darker greyish Quartz-Sericite-Biotite Schist?? (possibly E1S) decrease in biotite but strong increase in silica (very siliceous) 60-70% silica. Weak banding 5-10mm @55tca. Moderate garnets scattered grains 1-3mm approx 5% of unit. Minor py/po 1-3% fracture filling.	A444816	292	293	1			10	
			A444817	293	294	1			20	
294.05	295.50	(E1S) Volcaniclastic sediments , ()	A444818	294	295	1			12	
		dark greyish blue felic volcanic sediments?? looks to have silica fragments (possibly boudinaged qtz veins). Foliation angle abruptly changes for unit to roughly 30tca. with local cumulate (small scale foliation). Fragments are 3-5cm on long axis. Moderate scattered	A444819	295	296	1			9	

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295.50	298.13	(M3B) Quartz-sericite schist , () garnets 2-4mm (3-5%) throughout within groundmass.	A444819	295	296	1			9	
		medium grey Quartz-Sericite-Schist with local patches of fuchsite. Foliation/banding @55tca.	A444820	296	297	1			10	
		Boudinage qtz veins(or possibly fragments 3-5cm long axis. Moderate po/py stringers fg po and mg py +/-3%.	A444821	297	298	1			14	
298.13	302.95	(E3) Felsic Volc , () light bluish grey Quartz-Andylusite with minor sericite foliation banding @50-55tca. Moderate qtz veining (or chert bands) cutting with foliation 1-2cm in the first 1m. Local fuchsite with possible microcline alteration from 298.6 to 298.7	A444822	298	299	1			18	
			A444823	299	300	1			7	
			A444824	300	301	1			<5	
			A444825	301	302	1			<5	
			A444826	302	303	1			<5	
302.95	304.10	(M3B) Quartz-sericite schist , () light grey Quartz-Sericite Schist with weak fg 1mm andylusite +/-5% . Strong foliation banding @55tca, with close space banding 2-5mm	A444827	303	304	1			15	
304.10	304.65	(E3) Felsic Volc , () Qtz-Andylusite with minor sericite. 55tca foliation. Start of semi massive py within.	A444828	304	305	1			60	Semi-massive PY +/-20%
304.65	311.25	(C1) Chert , () dark grey massive cherts with 90-95% silica. Minor thin bands of andylusite. Po and py stringers an veins/fracture filling (2-3%) as well as fg disseminated po and mg py (1-2%). Local section of semi-massive py at begining of unit.	A444829	305	306	1			50	Semi-massive PY +/-35%
			A444830	306	307	1			20	
			A444831	307	308	1			37	
			A444832	308	309	1			46	
			A444833	309	310	1			22	
			A444834	310	311	1			37	
311.25	312.65	(I3) Felsic Intrusive , () whitish grey Felsic dyke with minor fg black mineral clots (??). Weak fg rugged disseminate po 2-3% of unit and minor mg py +/-1%. Local Section of vfg needed aspy from 312.35 to 312.65. Upper contact sharp @75tca, lower contact a gradational to chert (fade in whitish grey colour to dark grey.	A444835	311	312	1			28	
			A444836	312	313	1			16	possible fg needles aspy.
312.65	319.20	(C1) Chert , () Dark grey massive Cherts with 90-95% silica. Minor thin bands of andylusite. Po and py stringers an veins/fracture filling (2-3%) as well as fg disseminated po and mg py (1-2%)	A444837	313	314	1			60	
			A444838	314	315	1			8	
			A444839	315	316	1			17	
			A444840	316	317	1			5	
			A444841	317	318	1			16	
			A444842	318	319	1			25	

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319.20	329.88	(E1) Mafic Volc , (PFBT) Porphyroblastic/Tapioka	A444843	319	320	1			27	
		FG Dark green/brown/grey mafic volcanics with mg-cg garnets throughout 1-7mm, in and out of fg disseminated magnetite (moderately magnetic). Amphibolic grade metamorphism.	A444844	320	321	1			12	
		326.45 to 337.3 - dark bluish qtz phenos 2-4mm with disseminate chlorite alteration overprint. (possibly altered felsic porph dyke??).	A444845	321	322	1			14	
		322.18 -	A444846	322	323	1			22	
		322.3 - Local late milky white qtz vein	A444847	323	324	1			16	
			A444848	324	325	1			8	
			A444851	325	326	1			77	
			A444852	326	327	1			18	
			A444853	327	328	1			83	
			A444854	328	329	1			219	
			A444855	329	330	1			57	
329.88	337.50	(M3B) Quartz-sericite schist , (BAN) Banded	A444856	330	331	1			28	
		Whitish grey Quartz-Sericite Schist with small local patches of fuchsite and biotite for 20-30cm. biotite occurring as bands, fuchsite is more disseminate. Foliation banding @55-60tca. Low sulphides mineralization <1% py/po.	A444857	331	332	1			16	
			A444858	332	333	1			26	
			A444859	333	334	1			43	
			A444860	334	335	1			8	
			A444861	335	336	1			6150	
			A444862	336	337	1			48	
			A444863	337	338	1			66	
337.50	351.00	(M3E) Quartz-sericite-biotite schist , ()	A444863	337	338	1			66	
		Dark brown/green Quartz-Sericite-Biotite Schist +/-20% biotite. Local patches of fuchsite alteration with varying concentration weak to moderate. Small minor boudinaged qtz veins <1% of unit. Minor blebs of py/po scattered throughout (1% of unit). As well as minor po/py stringers. Weak garnet grains 1-2mm but <1% of unit.	A444864	338	339	1			202	
			A444865	339	340	1			2801	
			A444866	340	341	1			32	
			A444867	341	342	1			48	
			A444868	342	343	1			23	
			A444869	343	344	1			23	
			A444870	344	345	1			14	
			A444871	345	346	1			24	
			A444872	346	347	1			69	
			A444873	347	348	1			28	
			A444874	348	349	1			26	
			A444875	349	350	1			9	

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			A444876	350	351	1			NSR	
351.00	354.70	(E1) Mafic Volc , () Dull dark greyish brown mafic volcanics. Wavy discontinuous biotite bands 2)% biotite, with minor garnets 1%. Foliation angle abruptly changes to 25-30tca.	A444877	351	352	1			22	
			A444878	352	353	1			253	
			A444879	353	354	1			163	
			A444880	354	355	1			1940	
354.70	365.80	(M3E M3B) Quartz-sericite-biotite schist Quartz-sericite schist, (BAN) Banded Dull grey brown biotitic mafic volcanics (QSB??). Strong banded foliation @50tca throughout. Minor garnets 1-2mm scattered throughout <1%. Py and po mineralization 1-2% as stringers and small blebs (po fg, py mg). Local banded patches of QSS with strong silica (60-70%). Minor curnulated and boudinaged qtz veins dark brownish black 1% of unit.	A444881	355	356	1			66	
			A444882	356	357	1			27	
			A444883	357	358	1			108	
			A444884	358	359	1			87	
			A444885	359	360	1			1586	
			A444886	360	361	1			802	
			A444887	361	362	1			114	
			A444888	362	363	1			583	
			A444889	363	364	1			26	
			A444890	364	365	1			101	
			A444891	365	366	1			49	
365.80	378.86	(M3B) Quartz-sericite schist , () Light yellowish white Quartz-Sericite Schist, strongly sericitic approx 40% sericite. 1% qtz veining boudinaged and strongly curnulated in places. Foliation @50tca throughout. Patches of weak to moderate fuchsite 5-10%. Local dark reddish brown alteration patches 3-5%. 366.15 to 366.70 - biotitic mafic dyke cnts @70tca, scattered grains of mg py. 372.85 to 373.38 - biotitic mafic dyke cnts @70tca, scattered grains of mg py.	A444892	366	367	1			25	
			A444893	367	368	1			945	
			A444894	368	369	1			173	
			A444895	369	370	1			72	
			A444896	370	371	1			221	
			A444897	371	372	1			30	
			A444898	372	373	1			114	
			A444901	373	374	1			102	
			A444902	374	375	1			155	
			A444903	375	376	1			11	
			A444904	376	377	1			183	
			A444905	377	378	1			39	
			A444906	378	379	1			21	
378.86	405.00	(M3B) Quartz-sericite schist , (FOL) Foliated whitish grey with movish yellow patches of Quartz-Sericite schist with patchy white microcline alteration 10-15%. 1-2% curnulated/boudinaged dark grey/brownish qtz veins.	A444907	379	380	1			10	
			A444908	380	381	1			12	
			A444909	381	382	1			17	

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		very minor fuchsite disseminated patches 2-3%. Minor py/po mineralization <1%. A dull yellowish green alteration in semi-prevasive patches mostly from 384 to 387m. 397.5 to 398.65 - stringers of sphalerite with py and 403.4m - 20-30cm biotitic mafic dyke cnts @70tca, scattered grains of mg py.	A444910	382	383	1			20	
			A444911	383	384	1			37	
			A444912	384	385	1			55	
			A444913	385	386	1			106	
			A444914	386	387	1			13	
			A444915	387	388	1			14	
			A444916	388	389	1			9	
			A444917	389	390	1			574	
			A444918	390	391	1			215	
			A444919	391	392	1			415	
			A444920	392	393	1			35	
			A444921	393	394	1			65	
			A444922	394	395	1			126	
			A444923	395	396	1			51	
			A444924	396	397	1			118	
			A444925	397	398	1			234	
			A444926	398	399	1			280	
			A444927	399	400	1			205	
			A444928	400	401	1			<5	
			A444929	401	402	1			49	
		A444930	402	403	1			23		
		A444931	403	404	1			118		
		A444932	404	405	1			14		
405.00	412.00	(M3B) Quartz-sericite schist , ()	A444933	405	406	1			66	
		White to light grey QSS, very minor qtz veining <1%. Increase in biotite with depth. Foliation @40-45tca. Minor microcline still.	A444934	406	407	1			12	
			A444935	407	408	1			27	
			A444936	408	409	1			26	
			A444937	409	410	1			41	
			A444938	410	411	1			198	
			A444939	411	412	1			38	
412.00	418.00	(E1) Mafic Volc , ()	A444940	412	413	1			229	
		Dull brownish grey mafic volcanic with strong biotite 30-40%. patches of cg garnets 10%. Foliation @40tca. Finely lamminated bands	A444941	413	414	1			28	
			A444942	414	415	1			13	

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			A444943	415	416	1			55	
			A444944	416	417	1			21	
			A444945	417	418	1			482	
418.00	423.20	(E2) Intermediate Volc , ()	A444946	418	419	1			16	
		QSS/QSB light grey with moderate small cum. boud. dark greyish black qtz veins.	A444947	419	420	1			16	20% po
		419.60- 420.65 : 3 larger qtz veins 1-3cm irregular/boudin clear/whitish grey with massive/semi-massive po and moderate py proximal (20% po).	A444948	420	421	1			99	10% Po
			A444951	421	422	1			19	
			A444952	422	423	1			20	
423.20	432.00	(E2) Intermediate Volc , ()	A444953	423	424	1			37	10% Po and blebs of aspy 1%
		QSB schist with strong biotite 2-5% po decreasing with depth. 2-5mm local patches of garnet grains. Foliation from 40-60tca.	A444954	424	425	1			73	5% PO
		First 3m very strong foliation/cunulation from 20-70tca, 5-10% qtz veins with blebs of po scattered throughout (10% of section). Local blebs of aspy close to qtz veins along with strong fuchsite band run with a qtz vein 1cm tw running almost parallel tca.	A444955	425	426	1			114	5% Po
			A444956	426	427	1			462	
			A444957	427	428	1			1273	
			A444958	428	429	1			112	
			A444959	429	430	1			30	
			A444960	430	431	1			170	
			A444961	431	432	1			148	
432.00	434.35	(M3B) Quartz-sericite schist , ()	A444962	432	433	1			6	
		yellowish white QSS with minor biotite banding @45tca.	A444963	433	434	1			31	
434.35	441.00	(E2 V3) Intermediate Volc quartz vein, ()	A444964	434	435	1			166	
		E2/E3 grey foliated @45tca moderately sericitic and siliceous. Cut by several white late qtz veins 10-30cm core width at irregular angles no deformation.	A444965	435	436	1			48	
			A444966	436	437	1			23	
			A444967	437	438	1			41	
			A444968	438	439	1			49	
			A444969	439	440	1			170	
			A444970	440	441	1			173	
441.00	445.85	(E2) Intermediate Volc , ()	A444971	441	442	1			104	
		grey to brownish red Intermediate qtz-sericite-biotite schist and qtz-sericite schist. approx 10-15% biotite. Moderately siliceous. Cut by a few qtz actinolite veins.	A444972	442	443	1			139	
		442.0 to 442.5 - qtz actinolite vein with minor py, po and trace sphalerite. reddish brown silica rich marginal to qtz act veining	A444973	443	444	1			62	
			A444974	444	445	1			102	
			A444975	445	446	1			75	

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445.85	447.00	(I3R) Quartz-feldspar porphyry , () dark bluish QFP undeformed with contacts @20 sharp. 10cm marginal to dyke silica rich reddish brown banded section (looks like banded silica rich rhyolite).	A444976	446	447	1			173	
447.00	463.25	(E2) Intermediate Volc , () grey to brownish red Intermediate qtz-sericite-biotite schist and qtz-sericite schist. approx 10-15% biotite. Moderately siliceous. Foliation/curnulation banding strong going from 40 to 70tca. Minor py and po mineralization as fracture filling <1%.	A444977	447	448	1			71	
			A444978	448	449	1			158	
			A444979	449	450	1			35	
			A444980	450	451	1			161	
			A444981	451	452	1			18	
			A444982	452	453	1			15	
			A444983	453	454	1			21	
			A444984	454	455	1			10	
			A444985	455	456	1			9	
			A444986	456	457	1			82	
			A444987	457	458	1			49	
			A444988	458	459	1			13	
			A444989	459	460	1			17	
			A444990	460	461	1			50	
			A444991	461	462	1			11	
			A444992	462	463	1			57	
463.25	479.65	(E3) Felsic Volc , () light grey to whitish, moderately schistose felsic volcanic with moderate sericite. Patchy microcline alteration (5-10%). Weak thin dark greyish black boudinage/ strongly curnulated qtz veins with moderate py/po replacement mineralization around and within (1-2%).	A444993	463	464	1			523	
			A444994	464	465	1			12	
			A444995	465	466	1			12	
			A444996	466	467	1			13	
			A444997	467	468	1			16	
			A444998	468	469	1			<5	
			A460301	469	470	1			17	Sample series change
			A460302	470	471	1			32	
			A460303	471	472	1			35	
			A460304	472	473	1			53	
			A460305	473	474	1			40	
			A460306	474	475	1			41	
			A460307	475	476	1			13	
			A460308	476	477	1			96	

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			A460309	477	478	1			30	
			A460310	478	479	1			26	
			A460311	479	480	1			14	
479.65	480.85	(I3R) Quartz-feldspar porphyry , (MAS) Massive Massive dark bluish with white 2-4mm porphs, QFP with weak foliation fabric @40tca.	A460312	480	481	1			14	
480.85	509.40	(M3E M3B) Quartz-sericite-biotite schist Quartz-sericite schist, () Intermix fingers of QSB and QSS. with moderate sericite and biotite and varing degree of schistosity from moderate to very strong. minor cumulated qtz veins <1%. Weak microcline alteration. Unit is cut by Three dykes, Two 0.7m fg felsic dykes with minor foliation frabrix @40tca 50tca cnts sharp and One QFP 0.5m.	A460313	481	482	1			7	
			A460314	482	483	1			60	
			A460315	483	484	1			16	
			A460316	484	485	1			<5	
			A460317	485	486	1			9	
			A460318	486	487	1			9	
			A460319	487	488	1			15	
			A460320	488	489	1			13	
			A460321	489	490	1			9	
			A460322	490	491	1			23	
			A460323	491	492	1			50	
			A460324	492	493	1			50	
			A460325	493	494	1			22	
			A460326	494	495	1			20	
			A460327	495	496	1			31	
			A460328	496	497	1			116	
			A460329	497	498	1			48	
			A460330	498	499	1			27	
			A460331	499	500	1			392	
			A460332	500	501	1			28	
			A460333	501	502	1			11	
			A460334	502	503	1			17	
			A460335	503	504	1			14	
			A460336	504	505	1			15	
			A460337	505	506	1			10	
			A460338	506	507	1			13	
			A460339	507	508	1			13	
			A460340	508	509	1			15	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-198
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
509.40	511.10	(I1) Mafic Intrusive , (MAS) Massive	A460341	509	510	1			12	
		Fg massive Mafic Dyke with 2% sulphide py,po. Biotitic. Diffused contacts	A460342	510	511	1			23	
511.10	515.80	(E2) Intermediate Volc , ()	A460343	511	512	1			17	
		E2 - qtz-sericite schist with weak to moderate biotite. Minor cumulated qtz veins <1%. Minor sulph (po,py and trace cp) within biotite blotches. Minor garnets forming. Grading into E1 (mafics).	A460344	512	513	1			18	
			A460345	513	514	1			48	
			A460346	514	515	1			42	
			A460347	515	516	1			252	
515.80	528.50	(E1) Mafic Volc , ()	A460348	516	517	1			196	
		E1 -QSB dark grey, green, brown. Foliation @35-45tca. Aluminous alteration, moderate to strong garnets forming 2-5mm grains. Blocky anylusite growths 3-15mm (3-5%). Patchy amphiboles 10-15%. Moderate sulphides mostly po with minor cp blebs proximal to strong biotite.	A460351	517	518	1			26	
			A460352	518	519	1			57	
			A460353	519	520	1			157	
			A460354	520	521	1			34	
			A460355	521	522	1			63	
			A460356	522	523	1			196	
			A460357	523	524	1			55	
			A460358	524	525	1			95	
			A460359	525	526	1			29	
			A460360	526	527	1			39	
			A460361	527	528	1			304	
			A460362	528	529	1			78	
528.50	552.23	(M3B) Quartz-sericite schist , ()	A460362	528	529	1			78	
		whitish grey Quartz-Sericite Schist with moderate microcline alteration patchy (approx 5% of unit). Moderate cumulated and boudinaged dark greyish black thin qtz veining (2%). Minor sulphides blebs of fg po and cubes of mg py proximal to qtz veining (1%). Grading into a QSB increaseing biotite for last 10m of hole.	A460363	529	530	1			437	
			A460364	530	531	1			607	
			A460365	531	532	1			640	
			A460366	532	533	1			235	
			A460367	533	534	1			511	
			A460368	534	535	1			137	
			A460369	535	536	1			42	
			A460370	536	537	1			16	
			A460371	537	538	1			31	
			A460372	538	539	1			44	
			A460373	539	540	1			32	10cm qtz vein with minor po,py and actinolite.

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-198
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
			A460374	540	541	1			49	
			A460375	541	542	1			114	
			A460376	542	543	1			194	
			A460377	543	544	1			280	
			A460378	544	545	1			9	
			A460379	545	546	1			13	
			A460380	546	547	1			288	
			A460381	547	548	1			14	
			A460382	548	549	1			9	
			A460383	549	550	1			35	
			A460384	550	551	1			8	
			A460385	551	552	1			10	
552.23	561.73	(E1) Mafic Volc , () Mafic volcanics strongly biotitic with some hornblende. Aluminous alteration, strong andalusite as blocky squares 3-12mm and cg round garnets with the garnets is weak to moderate magnetite (weakly magnetitic) patches. Moderate foliation throughout.	A460386	552	553	1			109	
			A460387	553	554	1			26	
			A460388	554	555	1			15	
			A460389	555	556	1			42	
			A460390	556	557	1			17	
			A460391	557	558	1			90	
			A460392	558	559	1			75	
			A460393	559	560	1			75	
			A460394	560	561	1			22	
			A460395	561	562	1			16	
561.73	563.35	(I3R) Quartz-feldspar porphyry , (MAS) Massive Massive QFP dark bluish with white porphs. Cnts sharp @55tca.	A460396	562	563	1			34	
563.35	596.80	(E1) Mafic Volc , (FOL) Foliated Mafic volcanics with strong biotite/hornblende. Weaker garnet growth than last E1. Local strong dull green alteration mostly amph with and laminated biotite banding. Fold limb. As well has local patches of strong amph and biotite alteration.	A460397	563	564	1			44	
			A460398	564	565	1			23	
			A460401	566	567	1			<5	
			A460402	567	568	1			<5	
			A460403	568	569	1			<5	
			A460404	569	570	1			16	
			A460405	570	571	1			17	
			A460406	571	572	1			11	
			A460407	572	573	1			5	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-198
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
			A460408	573	574	1			16	
			A460409	574	575	1			14	
			A460410	575	576	1			9	10cm qtz vein with minor sulphides marginal and minor actinolite.
			A460411	576	577	1			11	
			A460412	577	577.9	0.9			10	
			A460413	577.9	578.9	1			7	
			A460414	578.9	580	1.1			19	80% sugary white qtz vein with wall rock inclusions
			A460415	580	581	1			14	
			A460416	581	582	1			<5	
			A460417	582	583	1			<5	
			A460418	583	584	1			<5	
			A460419	584	585	1			<5	
			A460420	585	586	1			49	
			A460421	586	587	1			11	
			A460422	587	588	1			30	
			A460423	588	589	1			457	
			A460424	589	590	1			55	
			A460425	590	591	1			89	
			A460426	591	592	1			54	
			A460427	592	593	1			9	
			A460428	593	594	1			53	
			A460429	594	595	1			22	
			A460430	595	596	1			25	
			A460431	596	597	1			171	
596.80	598.27	(M3E) Quartz-sericite-biotite schist , ()	A460432	597	597.8	0.8			39	
		QSB schist with microcline alteration approx 5%. Minor cum/boudin dark greyish black qtz veins 2-3% sulphides (po.py and some trace fg aspy). E.O.H. at 598.27m	A460433	597.8	598.27	0.47			861	end of samples and E.O.H.

Goldcorp Inc.
Diamond Drill Hole Report

Hole ID : RL-09-199
Project : COLI_LAKE
Prospect : SIDACE LK

<u>Drilling</u>	<u>Casing</u>	<u>Location</u>	<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	<u>Other</u>
Azimuth: 146.00	Length:	Township: COLI LAKE AREA	East: 462176.00	East:	Contractor: HY-TECH DRILLING
Dip: -65.00	Pulled:	Claim No: 1210049, 1210390	North: 5681125.00	North:	Spotted By:
Length: 483 m	Capped:		Elevation: 420.00	Elevation:	Surveyed By:
Started: 19-Jun-2009	Cemented: N	NTS: 52N/05	UTM Grid: NAD27_Z15	Local Grid:	Surveyed Date:
Completed: 22-Jun-2009		Surface Hole: Yes	Survey Type: handheld GPS		Logged By: Howes, Ben
Logged: 01-Jul-2009		Level: Surface			Logged By 2:
	Core				Re-logged By:
	Dimension: NQ		<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	Water Source:
Target: Stratigraphy of Main Zone	Storage: Field		East: 462176.00	East:	Left in Hole: Nothing
			North: 5681125.00	North:	
			Elevation: 420.00	Elevation:	
			UTM Grid: NAD27_Z15	Local Grid:	
			Survey Type: estimated coords		

Comments: RL-09-199 Started at 3m and the E.O.H at 483m. Hole was drill to fill gaps in Planet Main Zone and drill through two major faults.

<u>Deviation Tests</u>				<u>Deviation Tests</u>			
<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>
0.00	146.00	-65.00	PROPOSED	342.00	132.20	-57.10	Reflex
12.00	148.90	-65.60	Reflex	372.00	132.60	-56.90	Reflex
42.00	138.50	-60.60	Reflex	402.00	130.20	-54.50	Reflex
72.00	137.80	-60.90	Reflex	432.00	128.10	-53.50	Reflex
102.00	138.50	-60.60	Reflex	462.00	128.10	-53.10	Reflex
132.00	139.70	-60.30	Reflex				
162.00	141.10	-60.10	Reflex				
192.00	135.80	-59.00	Reflex				
222.00	131.10	-58.40	Reflex				
252.00	151.30	-58.20	Reflex				
282.00	132.90	-57.70	Reflex				
312.00	131.60	-57.50	Reflex				

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-199

Project : COLI_LAKE

Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
2.80	3.85	(E1) Mafic Volc , (ALT) Altered Altered Mafic Volcanics, strong garnet alteration.								
3.85	6.90	(E2) Intermediate Volc , () E2/E3 between intermediate and felsic volcanics with a faint banding @35tca								
6.90	18.80	(E1) Mafic Volc , (BAN) Banded Banded Mafic Volcanics with moderate brown biotite, and amphiboles (hornblende, actinolite). Banding @35tca.	A460434	10	11	1			7	Start of sampling for hole RL-09-19
			A460435	14	15	1			9	
			A460436	18	19	1			7	
18.80	21.75	(I3S) Feldspar porphyry , () Feldspar porph with moderate foliation fabric @35tca. Still has visible phenocrysts. skarn vein at lower contact.	A460437	21	22	1			12	
21.75	30.00	(E1) Mafic Volc , (BAN) Banded Mafic volcanics, grading to intermediate volcanics near the bottom of unit. Banded mafics @35tca. moderate aluminous alteration, formation of garnets 3-10mm.	A460438	22	23	1			18	
			A460439	26	27	1			9	
			A460440	28	29	1			6	
30.00	55.00	(E2) Intermediate Volc , () Intermediate volcanics banded @35tca. Local 5-10cm cuts of iron formation bands (chert, magnetite) 2%. Weak aluminous alteration, garnet patches 3-5mm. 2 small 10cm local feldspar dyke intrusions @40tca.	A460441	30	31	1			7	
			A460442	34	35	1			14	
			A460443	38	39	1			9	
			A460444	42	43	1			10	
			A460445	46	47	1			9	
			A460446	50	51	1			8	
			A460447	54	55	1			6	
55.00	111.50	(E1) Mafic Volc , (BAN) Banded Banded Mafic Volcanics with moderate amphiboles hornblends and actinolite, moderate brown biotite, low silica and feldspar. Late mafic dyke from 70.7m to 70.9m cutting same angle as banding @40tca. Some what looks like relic pillow salvages (most destroyed by foliation. Open fault from 72m to 74m, joint cutting perpendicular and parallel to banding. Local sections of fault gouge within. Minor sulphides, mostly po and minor py with trace cp (1% sulph). Local intrusion of mg gabbro from 109.25 to 110.35 weak foliation fabric	A460448	58	59	1			7	
			A460451	62	63	1			13	
			A460452	66	67	1			6	
			A460453	70	71	1			13	
			A460454	74	75	1			<5	
			A460455	78	79	1			<5	
			A460456	82	83	1			<5	
			A460457	86	87	1			<5	
			A460458	90	91	1			<5	
			A460459	94	95	1			<5	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-199
Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
			A460460	98	99	1			<5	
			A460461	102	103	1			19	
			A460462	106	107	1			<5	
			A460463	111	112	1			<5	
109.25	- 110.35	(I0E) Lamprophyre								
		Local intrusion of mg gabbro from 109.25 to 110.35 weak foliation fabric. sharp contacts								
111.50	121.35	(I1A) Gabbro , (GS2) Medium Grained	A460463	111	112	1			<5	
		MG gabbro intrusion with a moderate foliation fabric @40tca. 2-4% skarn veins with diopside, epidote, and silica. Local 10cm sedimentary bed inclusion 116.7m bedding same direction as fabric. Local lookes to be dark gashes (fine grained, but is shearing 3-5cm	A460464	114	115	1			18	
			A460465	115	116	1			57	
			A460466	119	120	1			<5	
			A460467	120	121	1			11	
121.35	127.50	(E1) Mafic Volc , (BAN) Banded	A460468	121	122	1			<5	
		Mafic volcanics banded with bands of increased amph. Skarn vein at cnt with gabbro to E1 banded. Near lower contact to felsic porph strong light green alteration vfg for 2m.	A460469	122	122.5	0.5			<5	
		122.83 to 123.03 - brecciated qtz actinolite vein with strong calcite. po and cp mineralization.	A460470	122.5	123	0.5			6	10% sulphides
			A460471	123	124	1			6	
127.50	131.80	(I3S) Feldspar porphyry , (POR) Porphyritic (with phenocrysts)								
		Feldspar porph with a biotitic foliation fabric @45tca. Contacts are intersheared?? mix of E2 and I3S for 20cm.								
131.80	139.60	(E2) Intermediate Volc , (BAN) Banded	A460472	132	133	1			5	
		E2-E3 intermediate volcanics banded @45, weakly garnitiferous (2%). Minor Po stringers scattered throughout, 1-2%. Moderate boudinaged qt veins colourless 2% of unit. Interfingering of intermediate and mafic volcanics	A460473	136	137	1			<5	
			A460474	139	140	1			<5	
139.60	152.30	(E1S) Volcaniclastic sediments , (FOL) Foliated	A460475	140	141	1			<5	
		Mafic volcanic sediments (conglomerate). dark green banding with siliceous fragments strongly elongated and deformed @45tca, foliation angle. Some littler green banding of possibly epidote and light redish garnet bands? 5-10% clasts.	A460476	141	142	1			<5	
			A460477	142	143	1			167	
			A460478	143	144	1			<5	
			A460479	144	145	1			<5	
			A460480	145	146	1			7	
			A460481	146	147	1			<5	
			A460482	147	148	1			<5	
			A460483	148	149	1			7	

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-199
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Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
			A460484	149	150	1			<5	
			A460485	150	151	1			<5	
			A460486	151	152	1			17	
152.30	152.60	(GC) Ground core , ()	A460487	152	153	1			<5	
Fault with gouge, strongly broken up and ground. Seems to have strong fg needles aspy throughout and around fault (1% aspy).										
152.60	176.65	(E1S) Volcaniclastic sediments , (FOL) Foliated	A460488	153	154	1			<5	
Mafic volcanics sed (comgolmerate). Bit more clastic then above 10-15% clasts. Same as above with increase in sulphides. +/-5-8% sulphides throughout, PO, PY and CP as replacement and infill massive stringers, veinlettes and some massive veins. Local patches of weak garnets.										
			A460489	154	155	1			<5	
			A460490	155	156	1			<5	
			A460491	156	157	1			<5	1% sulp
			A460492	157	158	1			8	1% sulp
			A460493	158	159	1			8	3% sulp
			A460494	159	160	1			<5	15% sulp
			A460495	160	161	1			<5	5% sulp
			A460496	161	162	1			9	3-4% sulp
			A460497	162	163	1			12	5% sulp
			A460498	163	164	1			19	
			A460501	164	165	1			10	
			A460502	165	166	1			6	5% sulp
			A460503	166	167	1			<5	4% sulp
			A460504	167	168	1			<5	2% sulp
			A460505	168	169	1			5	2% sulp
			A460506	169	170	1			8	5% sulp
			A460507	170	171	1			6	3% sulp
			A460508	171	172	1			<5	2% sulp
			A460509	172	173	1			342	1% sulp
			A460510	173	174	1			8	1% sulp
			A460511	174	175	1			5	1% sulp
			A460512	175	176	1			5	
			A460513	176	177	1			<5	
176.65	178.50	(I2A) Diorite , ()	A460514	177	178	1			<5	
FG Dioritic dykes dark grey with sharp contacts @80 upper cnt and 45tca lower.										
			A460515	178	179	1			<5	

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-199
Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
178.50	180.00	(I3S) Feldspar porphyry , (POR) Porphyritic (with phenocrysts) Feldspar porph medium blush grey massive, with an intermix lower contact for 30cm (intermix of porph and E1S).	A460515	178	179	1			<5	
			A460516	179	180	1			8	
180.00	193.55	(E1S) Volcaniclastic sediments , (BAN) Banded Mafic/interm volcanic sediments (conglomeritic) greenish grey. with 3-5% elongated qtz rich clasts. Miner sulphides 2-3% po and py.	A460517	180	181	1			12	
			A460518	181	182	1			14	
			A460519	182	183	1			7	
			A460520	183	184	1			6	
			A460521	184	185	1			7	
			A460522	185	186	1			<5	
			A460523	186	187	1			6	
			A460524	187	188	1			21	
			A460525	188	189	1			22	
			A460526	189	190	1			13	
			A460527	190	191	1			29	
			A460528	191	192	1			17	
			A460529	192	193	1			8	
A460530	193	194	1			<5				
193.55	193.90	(GC) Ground core , () Faulted section of E2S/dioritic dyke with minor fault gouge, strongly broken up. fault @45tca (not sure).								
193.90	195.60	(I2A) Diorite , (GS1) Fine Grained FG Dark greyish dioritic dyke with mg hornblende phenos.	A460531	194	195	1			7	
			A460532	195	196	1			<5	
195.60	200.40	(E2S) Volcaniclastic sediments , (FOL) Foliated Intermediate volcanic sediments with 2-4% qtz rich clast. Local bed of recrystallized chert (or possible qtz vein) at 199.7m 30cm. Weak to moderate sulphide banding of py,po 3-4%. Foliation/banding @35tca.	A460533	196	197	1			<5	
			A460534	197	198	1			<5	
			A460535	198	199	1			<5	
			A460536	199	200	1			<5	
200.40	205.40	(C2B) Iron formation - Sulphide facies , (BED) Bedded Chert with moderate sulphides bands and felsic bands that have ben strongly sericized. Bedding @45-50tca. Approx 5% sulphide bands.	A460537	200	201	1			<5	
			A460538	201	202	1			9	
			A460539	202	203	1			<5	
			A460540	203	204	1			<5	
			A460541	204	205	1			<5	

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205.40	238.40	(E2S) Volcaniclastic sediments , ()	A460542	205	206	1			6	
		Intermediate volcanic sediments, with the the first couple meters still with some chert bands. 5% round qtz fragments throughout (most of other fragments have been sheared out.) Unit is moderately schistose, strong sercite alteration of ground mass and weak to moderately micoschise. Last 1 meter of is an intermix of more felsic volcanic sediments (silica/andylusite strongly increased). Local fault with fault gouge from 230.6 to 230.9, light greyish colour, biotitic and 1cm of gouge and a qtz vein marginal. Fault @75tca.	A460543	206	207	1			<5	
			A460544	207	208	1			<5	
			A460545	208	209	1			11	
			A460546	209	210	1			8	
			A460547	210	211	1			<5	
			A460548	211	212	1			<5	
			A460551	212	213	1			5	
			A460552	213	214	1			6	
			A460553	214	215	1			8	
			A460554	215	216	1			207	
			A460555	216	217	1			15	
			A460556	217	218	1			11	
			A460557	218	219	1			12	
			A460558	219	220	1			13	
			A460559	220	221	1			6	
			A460560	221	222	1			<5	
			A460561	222	223	1			6	
			A460562	223	224	1			<5	
			A460563	224	225	1			<5	
			A460564	225	226	1			<5	
		A460565	226	227	1			<5		
		A460566	227	228	1			<5		
		A460567	228	229	1			<5		
		A460568	229	230	1			<5		
		A460569	230	231	1			14		
		A460570	231	232	1			21		
		A460571	232	233	1			9		
		A460572	233	234	1			7		
		A460573	234	235	1			24		
		A460574	235	236	1			<5		
		A460575	236	237	1			29		
		A460576	237	238	1			17		

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238.40	248.62	(E3) Felsic Volc , ()	A460577	238	239	1			7	
		FG Quartz-Andylusite Light grey with weak foliation banding @45tca. 242.00 to	A460578	239	240	1			<5	
		242.38 - Local Pegmattic granitic dyke feldspar rich with some minor sphalerite	A460579	240	241	1			<5	
		mineralization and some vfg dark metallic looking minerals (stibnite??). Dyke contacts sharp	A460580	241	242	1			<5	
		@45tca with foliation.	A460581	242	243	1			<5	pegmatite vein
			A460582	243	244	1			<5	
			A460583	244	245	1			<5	
			A460584	245	246	1			<5	
			A460585	246	247	1			<5	
			A460586	247	248	1			<5	
			A460587	248	249	1			22	
248.62	251.67	(C1) Chert , ()	A460588	249	250	1			42	
		Chert with strong sulphide banding (20-25% sulphides) po,py.	A460589	250	251	1			20	
			A460590	251	252	1			20	
251.67	253.40	(E3) Felsic Volc , ()	A460591	252	253	1			<5	
		Quartz-Andylusite with minor bands of dark grey chert and sulphides (2-4%). Dark band probably chert argillite. Bandding @40tca								
253.40	258.65	(C1) Chert , ()	A460592	253	254	1			24	
		Chert argillite, dark blackish grey cherts with moderate argillite intermixed. Minor sulphides (po,py) 1-2%.	A460593	254	255	1			27	
			A460594	255	256	1			36	
			A460595	256	257	1			168	
			A460596	257	258	1			28	
			A460597	258	259	1			<5	
258.65	267.05	(C1) Chert , ()	A460598	259	260	1			<5	
		dark grey Chert with minor sulphides.	A460601	260	261	1			17	
			A460602	261	262	1			48	
			A460603	262	263	1			51	
			A460604	263	264	1			10	
			A460605	264	265	1			<5	
			A460606	265	266	1			17	
			A460607	266	267	1			6	

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267.05	269.00	(E3) Felsic Volc , (SCH) Schistose	A460608	267	268	1			7	
		Felsic band with moderate sericite and very weak garnets.	A460609	268	269	1			5	
269.00	283.80	(E1) Mafic Volc , (ALT) Altered	A460610	269	270	1			18	
		Garnitiferous mafic volcanics, moderately foliated @ 30tca. Strong garnet (some patches with moderate magnetite) alteration 15-20%. Some blocky andylusite alteration patches and moderately biotitic. First 0.6m of unit has fg starolite grains.	A460611	270	271	1			7	
			A460612	271	272	1			<5	
			A460613	272	273	1			<5	
			A460614	273	274	1			38	
			A460615	274	275	1			21	
			A460616	275	276	1			8	
			A460617	276	277	1			<5	
			A460618	277	278	1			6	
			A460619	278	279	1			7	
			A460620	279	280	1			<5	
			A460621	280	281	1			9	
			A460622	281	282	1			70	
			A460623	282	283	1			28	
			A460624	283	284	1			9	
283.80	295.60	(E1) Mafic Volc , ()	A460625	284	285	1			25	
		Mafic volcanics, similar to above with a decrease in garnet (weak magnetite occur with) alteration and biotite, becoming more patchy. Unit has strongly broken up core almost throughout, possibly a moderate fault with minor gouge, 2 sets of broken up faulted core, from 285.25m to 287 and 291.5 to 294 both @ low angles 15-25tca. Weaker foliation @20tca.	A460626	285	286	1			16	
			A460627	286	287	1			12	
			A460628	287	288	1			24	
			A460629	288	289	1			14	
			A460630	289	290	1			41	
			A460631	290	291	1			31	
			A460632	291	292	1			69	
			A460633	292	293	1			50	
			A460634	293	294	1			133	
			A460635	294	295	1			27	
			A460636	295	296	1			57	
295.60	310.00	(E3) Felsic Volc , (ALT) Altered	A460637	296	297	1			87	
		dull darkish grey Felsic Volcanics, with andylusite +biotite and +/-garnet alteration. Approx 10-15% biotite, and 30% andylusite. Local bands 30-40cm of moderate sericite. Almost a meter fold running almost parallel to core axis with some py mineralization. Local section of silithification (possibly a band of chert??) from 302.0m to 303.15m.	A460638	297	298	1			9	
			A460639	298	299	1			21	
			A460640	299	300	1			45	

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			A460641	300	301	1			13	
			A460642	301	302	1			26	
			A460643	302	303	1			25	
			A460644	303	304	1			34	
			A460645	304	305	1			31	
			A460646	305	306	1			24	
			A460647	306	307	1			43	
			A460648	307	308	1			51	
			A460651	308	309	1			13	
			A460652	309	310	1			18	
			A460653	310	311	1			50	
			A460654	311	312	1			56	
			A460655	312	313	1			96	
			A460656	313	314	1			31	
			A460657	314	315	1			46	
			A460658	315	316	1			17	
			A460659	316	317	1			6	
			A460660	317	318	1			26	
			A460661	318	319	1			7	
			A460662	319	320	1			10	
			A460663	320	321	1			12	
			A460664	321	322	1			271	
			A460665	322	323	1			349	
			A460666	323	324	1			89	
			A460667	324	325	1			101	
			A460668	325	326	1			15	
			A460669	326	327	1			13	
			A460670	327	328	1			101	
			A460671	328	329	1			229	
			A460672	329	330	1			49	
			A460673	330	331	1			38	
			A460674	331	332	1			17	
			A460675	332	333	1			65	
			A460676	333	334	1			34	

310.00 334.10 (E1 E3) Mafic Volc Felsic Volc, (ALT) Altered

Mafic Volcanics and Felsic volcanics, very strong andalusite alteration 3-10mm blocky andy grains almost 40% of unit. Minor biotite patches and minor garnet (with grains of scatter magnetite occuring) patches. Local sericitic bands and local late qtz veining. Most of foliation fabric @ 30tca. Local fold from 332.1 to 333.2 running along core with moderate large qtz veining (looks like late qtz).

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334.10	352.42	(M3B) Quartz-sericite schist , ()	A460677	334	335	1			25	
First 0.8m is large qtz vein with minor po/py mineralization. Quartz-Sericite Schist dark greyish greenish brown. Strongly foliated with some patches of jagged curnulation of banding. Patches of very strong (apple green) fuchsite alteration as well as moderate biotitic microcline alteration. Very weak curnulated/boudingage thin dark brownish black qtz veining throughout approx 1%.			A460678	335	336	1			9	
			A460679	336	337	1			20	
			A460680	337	338	1			11	
			A460681	338	339	1			24	
			A460682	339	340	1			64	
			A460683	340	341	1			11	
			A460684	341	342	1			141	
			A460685	342	343	1			41	
			A460686	343	344	1			15	
			A460687	344	345	1			38	
			A460688	345	346	1			57	
			A460689	346	347	1			50	
			A460690	347	348	1			64	
			A460691	348	349	1			101	
			A460692	349	350	1			94	
			A460693	350	351	1			48	
A460694	351	352	1			30				
352.42	358.47	(M3E) Quartz-sericite-biotite schist , (BAN) Banded	A460695	352	353	1			28	
dark brownish Quartz-Sericite-Biotite Schist with foliation banding @40tca, moderately banded. Very minor garnets <1%. Minor Py 1-2% scattered grains. Very Minor boudinage/curnulated thin dark blackish qtz veins.			A460696	353	354	1			92	
			A460697	354	355	1			25	
			A460698	355	356	1			31	
			A460701	356	357	1			236	
			A460702	357	358	1			524	
358.47	366.80	(M3B) Quartz-sericite schist , (ALT) Altered	A460703	358	359	1			29	
Quartz-Sericite Schist light greensih grey. with moderate microcline alteration patches. Foliation @40tca. Section with fairly strong py mineralization with scattered grain 5-10% from 360 to 366.80m as well as a section of good veining from 360.80m to 361.25m. possibly a good zone. Local dyke 10cm dyke at 364.0m cnt @70tca.			A460704	359	360	1			57	
			A460705	360	361	1			34	
			A460706	361	362	1			52	
			A460707	362	363	1			296	
			A460708	363	364	1			327	
			A460709	364	365	1			222	
			A460710	365	366	1			293	

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			A460711	366	367	1			191	
366.80	371.50	(M3B) Quartz-sericite schist , (ALT) Altered	A460712	367	368	1			163	
		Light greyish white Quartz-Sericite Schist with strong microcline alteration. Weak dark greyish cum/boudin thin qtz veining 1%. Foliation fabric @40tca.	A460713	368	369	1			207	
			A460714	369	370	1			266	
			A460715	370	371	1			197	
			A460716	371	372	1			171	
371.50	385.20	(M3B) Quartz-sericite schist , (SCH) Schistose	A460716	371	372	1			171	
		Quartz-Sericite Schist with strong schistosisty, bands of strong sericite, quartz, biotite and microcline altered. Has contacts with last QSS with cg qtz veins on cnts as well as what looks like relic feldspar porphs in area with less schistosity (could have been a sheared feldspar porph dyke).	A460717	372	373	1			43	
			A460718	373	374	1			53	
			A460719	374	375	1			59	
			A460720	375	376	1			55	
			A460721	376	377	1			19	
			A460722	377	378	1			16	
			A460723	378	379	1			19	
			A460724	379	380	1			16	
			A460725	380	381	1			45	
			A460726	381	382	1			35	
			A460727	382	383	1			33	
			A460728	383	384	1			186	
			A460729	384	385	1			173	
385.20	388.00	(E1) Mafic Volc , ()	A460730	385	386	1			125	
		Mafic volcanics with moderate foliation @30tca. Moderately biotitic/amphibolitic with weak garnets and 1mm grains of magnetite scattered throughout (approx 1% mag). Unit is moderately magnetic. First 1m has blocky andylusite alteration as well.	A460731	386	387	1			9	
			A460732	387	388	1			10	
388.00	391.30	(I3S) Feldspar porphyry , ()	A460733	388	389	1			12	
		Dark bluish grey Late Feldspar Porph with a weak foliation fabric @30tca. Local cg qtz vein with blebs of po/py and cg actinolite at 389.7m 20cm section. Upper contact sharp @35tca. Lower contact has a cg qtz vein with inclusions of dyke and wall rock and in qtz and biotitic schist with moderate magnetite disseminated within.	A460734	389	390	1			25	
			A460735	390	391	1			20	
391.30	405.00	(E1) Mafic Volc , ()	A460736	391	392	1			8	
		Mafic Volcanic, dull greenish brown with strong biotite and weak sericite with weak garnets and 1mm grains of magnetite scattered throughout (approx 1% mag) decreasing with depth. Local sections of tight folding. Local garnitiferous band patches <1%.	A460737	392	393	1			23	
			A460738	393	394	1			80	
			A460739	394	395	1			56	

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			A460740	395	396	1			40	
			A460741	396	397	1			19	
			A460742	397	398	1			16	
			A460743	398	399	1			24	
			A460744	399	400	1			22	
			A460745	400	401	1			21	
			A460746	401	402	1			33	
			A460747	402	403	1			36	
			A460748	403	404	1			17	
			A460751	404	405	1			31	
405.00	412.15	(E2) Intermediate Volc , ()	A460752	405	406	1			13	
Intermediate/mafic volcanics (borderline) lighter grey colour with decreases biotite and amphiboles. Thin stringy banding of biotite.			A460753	406	407	1			28	
			A460754	407	408	1			10	
			A460755	408	409	1			13	
			A460756	409	410	1			8	
			A460757	410	411	1			16	
			A460758	411	412	1			26	
412.15	426.40	(E1) Mafic Volc , (ALT) Altered	A460759	412	413	1			37	
Dull darkish grey green Mafic Volcanics with garniferous patches. Moderately amphibolitic and biotitic.			A460760	413	414	1			67	
			A460761	414	415	1			1581	
			A460762	415	416	1			504	
			A460763	416	417	1			20	
			A460764	417	418	1			161	
			A460765	418	419	1			11	
			A460766	419	420	1			9	
			A460767	420	421	1			17	
			A460768	421	422	1			11	
			A460769	422	423	1			24	
			A460770	423	424	1			61	
			A460771	424	425	1			33	
			A460772	425	426	1			139	
426.40	441.22	(M3B) Quartz-sericite schist , (ALT) Altered	A460773	426	427	1			27	

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		Quartz-Sericite Schist with moderate biotitic-microcline alteration 10-15%. Minor patches of dark blackish grey boudin/curn thin qtz vein. Local chunky porph dyke from 426.9m to 427.2m. Local thin boudin qtz vein with sphalerite blebs within at 437.65m.	A460774	427	428	1			6		
			A460775	428	429	1			6		
			A460776	429	430	1			12		
			A460777	430	431	1			10		
			A460778	431	432	1			18		
			A460779	432	433	1			47		
			A460780	433	434	1			8		
			A460781	434	435	1			9		
			A460782	435	436	1			<5		
			A460783	436	437	1			<5		
			A460784	437	438	1			18		
			A460785	438	439	1			9		
			A460786	439	440	1			<5		
			A460787	440	441	1			424		
441.22	447.20		(E1) Mafic Volc , (ALT) Altered	A460788	441	442	1			88	
			Brownish grey Mafic Volcanics Strongly biotitic (some sections look like QSB) with strong garniferous patches 10% as well as sections of strong blocky andylusite 15-20%.	A460789	442	443	1			43	
		A460790		443	444	1			44		
		A460791		444	445	1			16		
		A460792		445	446	1			28		
		A460793		446	447	1			17		
447.20	464.00	(M3E E1) Quartz-sericite-biotite schist Mafic Volc, (SCH) Schistose		A460794	447	448	1			60	
		Quartz-Sericite-Biotite Schist with tight foliation (thin laminated banding of biotite) @roughly 30tca. Sections of strong biotitic-microcline alteration 20%. Minor garnet alteration patches. Sections of andylusite alteration but with light pink colour (mercury). Local section of between 460 and 461. Minor thin boudin/curn dark greyish brown qtz veing with sulphide mineralization marginal and within veins (po mostly with some vfg possibly stib). Local intrusions of Mafic volcanics, stopping schistosity, strongly biotitic and garniferous (452.8 to 453.4 and 453.8 to 454.3).		A460795	448	449	1			70	
			A460796	449	450	1			502		
			A460797	450	451	1			20		
			A460798	451	452	1			18		
			A460801	452	453	1			33		
			A460802	453	454	1			61		
			A460803	454	455	1			346		
			A460804	455	456	1			29		
			A460805	456	457	1			184		
			A460806	457	458	1			13		
			A460807	458	459	1			193		
		A460808	459	460	1			284			
		A460809	460	461	1			294			

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Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
			A460810	461	462	1			147	
			A460811	462	463	1			194	
			A460812	463	464	1			59	
464.00	483.00	(E1) Mafic Volc , (FOL) Foliated	A460813	464	465	1			21	
		Dark greyish brown Mafic Volcanics strongly biotitic with some minor garnitiferous bands. Foliation banding @65tca. Moderate sulphides throughout, blebs of po and some possible trace stibnite/asp. E.O.H	A460814	465	466	1			22	
			A460815	466	467	1			104	
			A460816	467	468	1			22	
			A460817	468	469	1			123	
			A460818	469	470	1			43	
			A460819	470	471	1			19	
			A460820	471	472	1			27	
			A460821	472	473	1			59	
			A460822	473	474	1			86	
			A460823	474	475	1			217	
			A460824	475	476	1			52	
			A460825	476	477	1			603	
			A460826	477	478	1			182	
			A460827	478	479	1			108	
			A460828	479	480	1			177	
			A460829	480	481	1			47	
			A460830	481	482	1			243	
			A460831	482	483	1			550	

	CHECKID	DUPLICATE NO	SAMPLEID	STANDARDID	Au_FA_AA_ppb_DSC	Au_FA_AA_ppb	Au_FA_AA_ppb_LABJOBNO	Sample_Comments
1	A460449	STD	RL-09-199_COLI_LAKE	CDN-CGS-19		703	200941556	
2	A460450	STD	RL-09-199_COLI_LAKE	Blank		16	200941556	
3	A460499	STD	RL-09-199_COLI_LAKE	CDN-CGS-19		712	200941574	
4	A460500	STD	RL-09-199_COLI_LAKE	Blank	<	5	200941574	
5	A460549	STD	RL-09-199_COLI_LAKE	CDN-CGS-19		754	200941574	
6	A460550	STD	RL-09-199_COLI_LAKE	Blank	<	5	200941574	
7	A460599	STD	RL-09-199_COLI_LAKE	CDN-CGS-19		704	200941574	
8	A460600	STD	RL-09-199_COLI_LAKE	Blank		8	200941574	
9	A460649	STD	RL-09-199_COLI_LAKE	CDN-CGS-19		723	200941596	
10	A460650	STD	RL-09-199_COLI_LAKE	Blank		9	200941596	
11	A460699	STD	RL-09-199_COLI_LAKE	CDN-CGS-19		692	200941612	
12	A460700	STD	RL-09-199_COLI_LAKE	Blank	<	5	200941612	
13	A460749	STD	RL-09-199_COLI_LAKE	CDN-CGS-19		690	200941781	
14	A460750	STD	RL-09-199_COLI_LAKE	Blank	<	5	200941781	
15	A460799	STD	RL-09-199_COLI_LAKE	CDN-CGS-19		692	200941844	
16	A460800	STD	RL-09-199_COLI_LAKE	Blank	<	5	200941844	
	*							

Goldcorp Inc.
Diamond Drill Hole Report

Hole ID : RL-09-200
Project : COLI_LAKE
Prospect : SIDACE LK

<u>Drilling</u>	<u>Casing</u>	<u>Location</u>	<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	<u>Other</u>
Azimuth: 160.00	Length:	Township: COLI LAKE AREA	East: 462099.00	East:	Contractor: HY-TECH DRILLING
Dip: -60.00	Pulled:	Claim No: 1210049, 1210390	North: 5680998.00	North:	Spotted By:
Length: 477 m	Capped:		Elevation: 416.00	Elevation:	Surveyed By:
Started: 23-Jun-2009	Cemented:	NTS: 52N/05	UTM Grid: NAD27_Z15	Local Grid:	Surveyed Date:
Completed: 27-Jul-2009		Surface Hole: Yes	Survey Type: handheld GPS		Logged By: Howes, Ben
Logged: 05-Jul-2009	<u>Core</u>	Level: Surface			Logged By 2:
	Dimension: NQ		<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	Re-logged By:
	Storage: Cochenour Mine		East: 462099.00	East:	Water Source:
Target: Stratigraphy of Main Zone			North: 5680998.00	North:	Left in Hole: Nothing
			Elevation: 416.00	Elevation:	
			UTM Grid: NAD27_Z15	Local Grid:	
			Survey Type: estimated coords		

Comments: RL-09-200 hole finished at 477m

<u>Deviation Tests</u>				<u>Deviation Tests</u>			
<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>
0.00	160.00	-60.00	PROPOSED	345.00	167.70	-55.00	Reflex
15.00	160.40	-61.20	Reflex	375.00	167.20	-54.80	Reflex
45.00	159.70	-58.50	Reflex	405.00	170.70	-52.80	Reflex
75.00	161.20	-57.90	Reflex	435.00	169.90	-52.00	Reflex
105.00	161.90	-57.30	Reflex	465.00	170.90	-51.70	Reflex
135.00	162.70	-57.30	Reflex				
165.00	164.80	-57.10	Reflex				
195.00	168.50	-56.70	Reflex				
225.00	168.30	-56.20	Reflex				
255.00	169.80	-56.20	Reflex				
285.00	170.30	-55.90	Reflex				
315.00	168.40	-55.40	Reflex				

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-200
Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
5.10	13.00	(E3) Felsic Volc , (FOL) Foliated Light greenish brown Felsic Volcanics, very siliceous with minor sericitation, and minor fuchsite alteration. Looks to have some relic feldspar porphs (was possibly a feldspar porph dyke??) Foliation @30tca.	A460832	12	13	1			<5	Start of Sampling for hole RL-09-20
13.00	16.40	(E2 E1) Intermediate Volc Mafic Volc, () Intermiated volcanics, still fairly siliceous. Foliation bannding @70tca. Local section of garniferous Mafic volcanics, moderately biotitic/amphibolitic.								
16.40	20.00	(I2A) Diorite , () Dull bluish grey felsic volcanics moderatley siliceous with moderate foliation of @70tca. Local dark greyish black band of mafics within. Some elonged whitish phenos of sericite (was possibly mica before). and +/-andylusite.	A460833	16	17	1			<5	
20.00	23.57	(I3S) Feldspar porphyry , () vfg feldspar porph with a vfg black groundmass and 1-3mm feldspar porphs, near contacts no porphs. Weak foliation fabric @70tca.	A460834	23	24	1			<5	
23.57	25.44	(E3) Felsic Volc , (BAN) Banded Banded Felsic volcanics, failry siliceous with minor fuchsite alteration. Foliation banding @65tca. Local sections looks a bit like a cherty argillite.								
25.44	44.00	(E1) Mafic Volc , (BAN) Banded dark greenish Mafic Volcanics with variable banding @70tca of light greyish brown, dark green and blackish grey, amphibole, biotite and garnet. Aluminous alteration throughout as cg garnet growths 10-15%. First 3m of unit are moderately siliceous (E2 section) with minor fuch.	A460835	27	28	1			<5	
			A460836	31	32	1			23	
			A460837	35	36	1			16	
			A460838	39	40	1			12	
			A460839	43	44	1			<5	
44.00	59.00	(E1) Mafic Volc , (BAN) Banded dark greenish brown Mafic volcanics with a strong decrease in cg garnets. Stronger banding still @60-70tca of biotite, hornblende, and +/- fg garnet. Local Komatitic bands, one large section from 46.0 to 47.5 with carbonate diopside and amphibolite 5-10% komatitic bands. Local fault with gouge from 52.24 to 52.37, not very broken up but is a light green colour (depleasion).	A460840	46	47	1			9	
			A460841	47	48	1			<5	
			A460842	50	51	1			<5	
			A460843	54	55	1			23	
			A460844	58	59	1			<5	
59.00	84.00	(E1 C2A) Mafic Volc Iron formation - Oxide facies, (BAN) Banded Same as above banded mafic volcanic with 5-10% skarn veining. Skarn veining main on contacts with Banded Iron formation rangine from 5cm to 1.0m bands of chert, magnetite, grunerite. BIF minorly disrupting E1 foliation banding but is still roughly the same angle	A460845	62	63	1			<5	
			A460846	66	67	1			<5	
			A460847	70	71	1			<5	
			A460848	73	74	1			<5	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-200
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Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
@60-70tca.			A460851	75	76	1			<5	
			A460852	79	80	1			<5	
			A460853	83	84	1			<5	
84.00	96.70	(E1) Mafic Volc , (BAN) Banded	A460854	87	88	1			<5	
		medium greenish brownish grey Mafic volcanics with strong banding same as above. becoming thinly banded almost laminated and more frequent whitish bands of feldspar. Local sections of cg garnets but minor.	A460855	91	92	1			<5	
			A460856	95	96	1			<5	
96.70	97.95	(I3S) Feldspar porphyry , (ALT) Altered								
		Medium grey Feldspar Porphyry with with a biotitic/hornblend fabric (foliation fabric??) Looks like a diorite with feldspar porphyrys.								
97.95	127.60	(E1 I1A) Mafic Volc Gabbro, (BAN) Banded	A460857	99	100	1			<5	
		Finely banded Mafic Volcanics with increasingly more laninated banding and has sections of tight folding (wavy curnulation) and S folding. Dark green, light browns and white bands of amph, biotite and feldspar, increase in whitish bands. mafics foliation is disrupted by skarn veining with qtz diopside and amphibolitic margins 3-5% of unit. Local section of brecciation from 121.5 to 121.8 matrix looks like solithified gouge. Two local Gabbro dyke dull grey colour with green phenos 2-3mm one from 105.15 to 106.0m and at Lower cnt from 126.7 to 177.6 (second one with banded E1 inclusion and a 5cm porph dyke).	A460858	103	104	1			<5	
			A460859	106	107	1			<5	
			A460860	113	114	1			<5	
			A460861	117	118	1			<5	
			A460862	121	122	1			<5	
			A460863	125	126	1			<5	
127.60	132.35	(I3S) Feldspar porphyry , (GS2) Medium Grained	A460864	130	131	1			<5	
		dark grey Chunky Feldspar Porphyry with a black vfg feldspar porphyry with whitish phenos cutting from 128.3 to 128.78 sharp cnts. with inclusion (or interfinger) of wall rock E1 and E3, approx 15% of unit.								
132.35	135.00	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A460865	132	133	1			<5	
		Looks to be a Sheared Feldspar Porphyry where most of the porphyrys have been sheared out but some small sections with feld porphs. 3-5% disseminate py throughout. Small 15cm intrusions of chunky porphyry.	A460866	133	134	1			<5	
			A460867	134	135	1			<5	
135.00	154.10	(E2) Intermediate Volc , ()	A460868	138	139	1			<5	
		Intermediate volcanics with very faint banding (possibly bedding some sections looks siltstone/wacke) banding (or bedding @40tca. Local sections of E1 banding (banding @70tca (approx 5% of unit). Some weak silithification in more vfg dark blackish green/ massive sections. Last 2.5 becoming more mafic	A460869	144	145	1			<5	
			A460870	150	151	1			8	
154.10	155.55	(I3S) Feldspar porphyry , (FOL) Foliated	A460871	155	156	1			7	
		Feldspar Porphyry with a biotitic foliation fabric @80tca surrounding and elongating phenos. Contacts sharp @80tca.								

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155.55	162.30	(E2S) Volcaniclastic sediments , (FOL) Foliated Intermediate epiclastic sediments with most of the fragments silica/qtz rich, elongated, 3-5% clasts. Weak banding, Foliation @ 50tca. Large 30cm massive white qtz vein at lower cnt to mafic epiclastic seds.	A460872	159	160	1			<5	
162.30	192.70	(E1S) Volcaniclastic sediments , (FOL) Foliated Mafic epiclastic sediments foliated @ most 40tca but some foliation @60tca. Approx 5% rounded elongated qtz clasts. Minor bands of possibly chert 3-5cm or cherty clasts (1% of unit). Moderate sulphide stringers/ bands of mostly po, 3-4% of unit. A biotitic/more felsic section from 170.0m to 173.2m	A460873	163	164	1			27	
			A460874	165.5	166.5	1			<5	
			A460875	169	170	1			5	
			A460876	173	174	1			<5	
			A460877	176	177	1			<5	
			A460878	182	183	1			13	10% Po banding
			A460879	186	187	1			15	10% Po banding
			A460880	187	188	1			14	5% Po banding
			A460881	191	192	1			10	
192.70	205.80	(E1S) Volcaniclastic sediments , (FOL) Foliated Mafic epiclastic sediments with a more faded banded look and a shallowing of foliation angle to approx. 30tca. 5% rounded elongated qtz clasts scattered throughout.	A460882	195	196	1			11	
			A460883	199	200	1			11	
			A460884	203	204	1			<5	
205.80	211.00	(E2S) Volcaniclastic sediments , (FOL) Foliated Well banded Intermediate epiclastic, increase is felsic minerals. Banding @40tca. More silica bands. Minor clasts occurring within unit 1-2% rounded elongate qtz clasts. Last 1.5m very siliceous as approxing chert	A460885	207	208	1			8	
211.00	215.00	(C1) Chert , () Upper Chert horizon with sulphide banding, mostly pyrite last 1m of unit becoming and intermix of chert bands and E2S.	A460886	211	212	1			8	
			A460887	212	213	1			14	
			A460888	213	214	1			21	
			A460889	214	215	1			14	
215.00	228.80	(E2S) Volcaniclastic sediments , (GS2) Medium Grained A bit courser grained Intermediate Volcanics clastic (epiclastic) sediment. With disseminated fg py and garnets 5-8% of unit. Garnets increasing in grain size with depth. Foliation banding very faint look @65tca thicker banding 1-2cm. Near lower contact patches of starolite alteration fg strong disseminated patches	A460890	215	216	1			7	
			A460891	216	217	1			8	
			A460892	217	218	1			8	
			A460893	218	219	1			8	
			A460894	219	220	1			<5	
			A460895	220	221	1			7	
			A460896	221	222	1			19	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-200
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<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
			A460897	222	223	1			<5	
			A460898	223	224	1			<5	
			A460901	224	225	1			6	
			A460902	225	226	1			12	
			A460903	226	227	1			10	
			A460904	227	228	1			388	
			A460905	228	229	1			73	
228.80	239.40	(E3) Felsic Volc , (ALT) Altered	A460906	229	230	1			35	
Quartz-Andylusite with patchy starolite alteration for first 3m as well as dark blue black bands 10cm with cg garnets. Unit is foliated @ 70tca. Unit is also cut by 5% qtz tourmaline veins with minor po blebs within. Moderate mica and sericite alteration near cnts with qtz tour veins.			A460907	230	231	1			33	
			A460908	231	232	1			34	
			A460909	232	233	1			21	
			A460910	233	234	1			5	
			A460911	234	235	1			<5	
			A460912	235	236	1			<5	
			A460913	236	237	1			<5	
			A460914	237	238	1			<5	
			A460915	238	239	1			6	
239.40	240.90	(I1A) Gabbro , (PHE) Phenocrystic	A460916	239	240	1			7	
Phenocrystic Gabbro dyke with amphibolic phenos, Massive dyke. Contacts sharp @70tca with 5cm chill margins within dyke. Low cont with an orangish alteration (looks like k-spar).			A460917	240	241	1			6	
240.90	265.85	(E3) Felsic Volc , (ALT) Altered	A460918	241	242	1			6	
Same as above qtz andylusite with 10% qtz tour veining. Marginal to lower contact with Chert minor bands of actinolite for 20cm.			A460919	242	243	1			<5	
			A460920	243	244	1			11	
			A460921	244	245	1			<5	
			A460922	245	246	1			<5	
			A460923	246	247	1			<5	
			A460924	247	248	1			<5	
			A460925	248	249	1			<5	
			A460926	249	250	1			<5	
			A460927	250	251	1			<5	
			A460928	251	252	1			6	
			A460929	252	253	1			67	
			A460930	253	254	1			<5	

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-200
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<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
			A460931	254	255	1			5	
			A460932	255	256	1			<5	
			A460933	256	257	1			<5	
			A460934	257	258	1			<5	
			A460935	258	259	1			<5	
			A460936	259	260	1			<5	
			A460937	260	261	1			<5	
			A460938	261	262	1			<5	
			A460939	262	263	1			<5	
			A460940	263	264	1			<5	
			A460941	264	265	1			<5	
			A460942	265	266	1			10	5% sulphide bands
265.85	266.80	(C2B) Iron formation - Sulphide facies , ()	A460943	266	267	1			187	35% sulphide bands
		Chert with very strong massive veins of sulphides, mostly Po and py along with magnetite. Strongly magnetic. Possibly magnetic Po but mostly like the magnetite.								
266.80	272.00	(C2A) Iron formation - Oxide facies , ()	A460944	267	268	1			14	
		Dark Chert with 20% manetite bands. Moderate po, py. Po mostly within magnetite veins. Magnetite bands strongly magnetic.	A460945	268	269	1			83	
			A460946	269	270	1			21	
			A460947	270	271	1			14	
			A460948	271	272	1			20	
272.00	275.70	(C1) Chert , ()	A460951	272	273	1			7	
		White Chert, very spares thin mag bands. Minor py, po stringers 1-2%.	A460952	273	274	1			13	
			A460953	274	275	1			24	
			A460954	275	276	1			12	
275.70	280.75	(C2A) Iron formation - Oxide facies , ()	A460955	276	277	1			44	
		Dark Chert with strong magnetite banding 5-15cm bands of magnitite (30%). Po stringers within magnetite (5% of unit). Local 10cm at qtz vein 279.25m with tourmaline and a lighter green mineral (actinolite or epidote) cutting @50tca	A460956	277	278	1			15	
			A460957	278	279	1			13	
			A460958	279	280	1			16	
			A460959	280	281	1			17	
280.75	284.80	(E1) Mafic Volc , (ALT) Altered	A460960	281	282	1			34	
		Mafic Volcanics with a light layer of biotite. Patchy starolite alteration (light orange colour) with 2m of contact with Cherts. Moderate blocky andylusite alteration 2-5mm grains 20-25%.	A460961	282	283	1			<5	

Goldcorp Inc.

Geological Description with Assays

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		A disseminate magnetite within as well. Very minor patches of cg garnets. Faint foliation @70tca	A460962	283	284	1			9	
			A460963	284	285	1			<5	
284.80	300.00	(E1) Mafic Volc , (ALT) Altered	A460964	285	286	1			<5	
		Crudely layered altered Mafic Volcanics. With pervasive strong cg garnets 15-20% throughout. Patchy cg blocky andalusite alteration. An alteration of a biotitic layer to an amphibolitic layer (30-80cm). Andalusite alteration within biotitic layer. Local later quartz vein from 289.8 to 290.0	A460965	286	287	1			<5	
			A460966	287	288	1			<5	
			A460967	288	289	1			5	
			A460968	289	290	1			5	
			A460969	290	291	1			6	
			A460970	291	292	1			25	
			A460971	292	293	1			21	
			A460972	293	294	1			8	
			A460973	294	295	1			18	
			A460974	295	296	1			5	
			A460975	296	297	1			13	
			A460976	297	298	1			40	
			A460977	298	299	1			53	
			A460978	299	300	1			6	
300.00	308.40	(E1) Mafic Volc , ()	A460979	300	301	1			22	
		More defined banding @65tca of Mafic volcanics, more amphibolic, still with moderate patches of biotite with weak andalusite alteration and a large decrease in cg garnets (5-10%).	A460980	301	302	1			53	
			A460981	302	303	1			137	
			A460982	303	304	1			24	
			A460983	304	305	1			20	
			A460984	305	306	1			36	
			A460985	306	307	1			28	
			A460986	307	308	1			10	
308.40	334.65	(E3 E1) Felsic Volc Mafic Volc, (ALT) Altered	A460987	308	309	1			30	
		Quartz-Andalusite with moderate patches of disseminated starolite alteration near upper contact and near contacts in small bands of mafics within the Quartz-Andalusite. Upper contact area is moderately mafic but has cg andalusite alteration (intermix contact). Strong Fuchsite alteration near contacts with large 3m (core length) qtz veins. 15% mafic volcanics with cg garnet alteration.	A460988	309	310	1			15	
			A460989	310	311	1			13	
			A460990	311	312	1			9	
			A460991	312	313	1			7	
			A460992	313	314	1			<5	
			A460993	314	315	1			<5	
			A460994	315	316	1			<5	

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-200
 Project : COLI_LAKE
 Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
			A460995	316	317	1			7	
			A460996	317	318	1			9	
			A460997	318	319	1			7	
			A460998	319	320	1			67	
			A461001	320	321	1			6	
			A461002	321	322	1			14	
			A461003	322	323	1			6	
			A461004	323	324	1			6	
			A461005	324	325	1			8	
			A461006	325	326	1			8	
			A461007	326	327	1			11	
			A461008	327	328	1			14	
			A461009	328	329	1			23	
			A461010	329	330	1			46	
			A461011	330	331	1			22	
			A461012	331	332	1			111	
			A461013	332	333	1			7	
			A461014	333	334	1			6	
			A461015	334	335	1			9	
		312.90 - 315.90 (V3) quartz vein								
		Large late white qtz vein with 10% wallrock inclusions, inclusions has a moderate fuchsite alteration.								
		334.65 347.85 (E1) Mafic Volc , (ALT) Altered	A461016	335	336	1			10	
		Biotitic Mafic volcanics minor amphibolite bands with strong andylusite alteration (E1-E3??)	A461017	336	337	1			37	
		CG Blocky andylusite alteration (25-30% andylusite) as well as patches of vcg garnets (3-5% garnets). Moderate sections of stringers and blebs of po and py (2-3% throughout). One local section at 339.88m of vcg py and po for 5cm.	A461018	337	338	1			466	
			A461019	338	339	1			28	
			A461020	339	340	1			23	
			A461021	340	341	1			15	
			A461022	341	342	1			7	
			A461023	342	343	1			9	
			A461024	343	344	1			6	
			A461025	344	345	1			13	
			A461026	345	346	1			31	
			A461027	346	347	1			18	
			A461028	347	348	1			66	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-200
Project : COLI_LAKE
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<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
347.85	348.90	(M3B) Quartz-sericite schist , () Quartz-Sericite Schist, strongly sericitic. Fades into Mafic volcanics at both contacts. Very minor qtz veining	A461029	348	349	1			52	
348.90	353.00	(E1) Mafic Volc , () Mafic Volcanic gradually becoming banded Foliation banding @45tca. Strongly biotitic bands and amphibolitic bands. Near lower cont increase in qtz banding. Minor mg garnets. Patches of po, py stringers	A461030	349	350	1			1929	
			A461031	350	351	1			7	
			A461032	351	352	1			10	
			A461033	352	353	1			64	
353.00	356.70	(E3) Felsic Volc , (BAN) Banded Banded Felsic Volcanics with a light silthification alteration. Moderate biotitic-Microcline alteration (medium brown colour with white edges. Qtz/feldspar rich bands with moderate biotite, very weak sericite.	A461034	353	354	1			16	
			A461035	354	355	1			13	
			A461036	355	356	1			131	
			A461037	356	357	1			104	
356.70	359.50	(E3) Felsic Volc , (BAN) Banded Faded banding of Felsic volcanics with moderate sericite becoming more micoschis. Moderate local section of biotitic microcline on a 15cm fold hinge at 358.5m	A461038	357	358	1			39	
			A461039	358	359	1			43	
			A461040	359	360	1			18	
359.50	361.15	(I1A) Gabbro , (GS1) Fine Grained Fg dark green gabbroic dyke with qtz veins on contacts.	A461040	359	360	1			18	
			A461041	360	361	1			14	
361.15	376.05	(E3 E3) Felsic Volc Felsic Volc, (ALT) Altered E3 alter=Quartz-Andylusite, mostly qtz andylusite but andylusite is weaker then aove Qtz-Andy's. An interfingering mix with E3/E1 banded with bands of qtz, amph and biotitic-microcline (moderate biotitic microcline alteration in E3/E1 banded) and even some small 10-15cm Bands of QSS (with thin dark cumulated qtz veins with minor sulphides within po,py, about 5% of unit is QSS). Local patches of disseminated magnetite at 367.7m and 367.1m. Moderate sulphide mineralization patches with stringers/disseminate Po, and py approx 3-4% of unit.	A461042	361	362	1			31	
			A461043	362	363	1			328	
			A461044	363	364	1			49	
			A461045	364	365	1			67	
			A461046	365	366	1			24	
			A461047	366	367	1			22	
			A461048	367	368	1			185	
			A461051	368	369	1			23	
			A461052	369	370	1			42	
			A461053	370	371	1			76	
			A461054	371	372	1			130	
			A461055	372	373	1			13	
			A461056	373	374	1			10	

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-200
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 Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
			A461057	374	375	1			17	
			A461058	375	376	1			95	
376.05	390.00	(E3) Felsic Volc , (ALT) Altered	A461059	376	377	1			16	
		Dark green, brown and patchy white, white brownish strongly altered felsic volcanics?? 60% dark green fg amphiboles with white silica and microcline patchy biotite. Strong Microcline alteration throughout with some bright white alteration and some white with brown overprint (biotitic microcline). Moderate patches of epidote alteration within whitish qtz/microcline. A strong pervasive silthification throughout. Strong foliation predominately @ 50tca but wavy folding. Local Large late recrystallized qtz veins cutting htoughout at low angle. Minor stringers and blebs of po and py within qtz and microcline 2-3% of unit.	A461060	377	378	1			23	
			A461061	378	379	1			11	
			A461062	379	380	1			7	
			A461063	380	381	1			12	
			A461064	381	382	1			7	
			A461065	382	383	1			8	
			A461066	383	384	1			23	
			A461067	384	385	1			21	
			A461068	385	386	1			13	
			A461069	386	387	1			9	
			A461070	387	388	1			10	
			A461071	388	389	1			12	
			A461072	389	390	1			29	
390.00	405.50	(E1) Mafic Volc , (ALT) Altered	A461073	390	391	1			13	
		Mafic Volcanics with a moderate blocky andylusite alteration, moderately biotitic. Local patches of fine banded/laminated mafic volcanics (<5% of unit). Foliation is faint looking @45tca.	A461074	391	392	1			683	
			A461075	392	393	1			15	
			A461076	393	394	1			11	
			A461077	394	395	1			7	
			A461078	395	396	1			11	
			A461079	396	397	1			38	
			A461080	397	398	1			12	
			A461081	398	399	1			38	
			A461082	399	400	1			20	
			A461083	400	401	1			36	
			A461084	401	402	1			48	
			A461085	402	403	1			28	
			A461086	403	404	1			39	
			A461087	404	405	1			660	
			A461088	405	406	1			38	
405.50	415.30	(M3E E2) Quartz-sericite-biotite schist Intermediate Volc, ()	A461088	405	406	1			38	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-200
Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>	
		Quartz-Sericite-Biotite Schist with a fine laminate banding of biotite. First 2m with a moderate fuchsite alteration. Patchy microcline alteration throughout. Minor patches of cunulate dark thin qtz veining. Foliation @ 45-60tca with some patches of cunulation. Local section of Intermediate volcanics within QSB from 409.2 to 410.5.	A461089	406	407	1			75		
			A461090	407	408	1			31		
			A461091	408	409	1			33		
			A461092	409	410	1			34		
			A461093	410	411	1			34		
			A461094	411	412	1			25		
			A461095	412	413	1			14		
			A461096	413	414	1			44		
			A461097	414	415	1			20		
			A461098	415	416	1			17		
415.30	428.00		(E1) Mafic Volc , (ALT) Altered	A461101	416	417	1			148	
			Strongly Biotitic altered mafic volcanics with strong CG blocky andylusite alteration 15-20% of unit . Minor patcher of garnet bands. Biotite is finly laminated mostly @65tca with some patches of wavy folding. Minor po and py mineralization as blebs and stringers 1-2% of unit.	A461102	417	418	1			21	
				A461103	418	419	1			10	
				A461104	419	420	1			24	
		A461105		420	421	1			16		
		A461106		421	422	1			20		
		A461107		422	423	1			19		
		A461108		423	424	1			35		
		A461109		424	425	1			6		
		A461110		425	426	1			8		
		A461111		426	427	1			10		
		A461112	427	428	1			10			
428.00	437.20	(E1 E3) Mafic Volc Felsic Volc, (ALT) Altered	A461113	428	429	1			10		
		Same as above E1 (desease is andylusite alt) altered with some local felsic bands, moderately sericitic (close to QSS) with minor cum dark qtz veins, strong biotitic-microcline alteration within E3.	A461114	429	430	1			23		
			A461115	430	431	1			10		
			A461116	431	432	1			9		
			A461117	432	433	1			8		
			A461118	433	434	1			<5		
			A461119	434	435	1			12		
			A461120	435	436	1			8		
			A461121	436	437	1			28		
437.20	446.54		(E3) Felsic Volc , ()	A461122	437	438	1			9	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-200
Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>	
		E3-E2 felsic to intermediate volcanics, moderately sericitic as well as a moderate microcline alteration and patchy fuchiste. Weak - moderater dark thin cumulated qtz veining throughout. Local sections of cg py stringer 3-5% of unit. Banding @ 70tca. Last 1m of unit looks to be E3S, epiclastic sediments. with round elongated recrystallized qtz fragments with some cg py replacement.	A461123	438	439	1			35		
			A461124	439	440	1			22		
			A461125	440	441	1			12		
			A461126	441	442	1			12		
			A461127	442	443	1			17		
			A461128	443	444	1			18		
			A461129	444	445	1			14		
			A461130	445	446	1			12		
			A461131	446	447	1			14		
446.54	450.00		(E1) Mafic Volc , (ALT) Altered	A461132	447	448	1			49	
			dark blackish grey Mafic Volcanics with moderate blocky cg andylusite alteration. Moderate disseminated py patches 2-3%. Strongly biotitic. Minor garnet growths. Local patches of disseminate/stringers of magnetitie.	A461133	448	449	1			20	
				A461134	449	450	1			38	
450.00	459.70		(E3) Felsic Volc , (ALT) Altered	A461135	450	451	1			12	
		Felsic Volcanics with a 1.5m transitional zone E1 to E3. Felsic Volcanics moderately sericitic some minor andylusite fg at and near a light pinkish colour alteration. A dark bluish green smokey looking alteration patches throughout. Local patches of moderate fuchiste alteration. Moderate Microcline alteration patches as well. Minor mg pyrite stringers firs first half of unit 1-2%. Last haf has semi-massive stringers of fg po and py intermix 5-7% (from 457 to 459.5). Minor dark thin cumulate qtz veining throughout. Last 2m again a transitional zone from E3 to E1 increase in biotitic 20-30%.	A461136	451	452	1			7		
			A461137	452	453	1			<5		
			A461138	453	454	1			<5		
			A461139	454	455	1			<5		
			A461140	455	456	1			9		
			A461141	456	457	1			19		
			A461142	457	458	1			25		
			A461143	458	459	1			24		
			A461144	459	460	1			54		
459.70	467.20	(E1) Mafic Volc , (ALT) Altered	A461145	460	461	1			26		
		dark blackish Mafic Volcanics with and interfingering of Minor banded felsic bands same as above felsics (5-8%). Mafic volcanics are strongly biotitic with moderate cg block andylusite patches with py, po stringer and blebs occuring with 4-5% in altered section. Very weak mg garnet growths <1%. Local massive mafic medium green dyke from 466.29 to 466.77 with 2-5cm qtz veins on cnts. 2 local sections of large 2-5cm boudinage cumulate lighter colour qtz veins at 460.7 to 461.1 and 462.0 to 462.2.	A461146	461	462	1			15		
			A461147	462	463	1			16		
			A461148	463	464	1			23		
			A461151	464	465	1			38		
			A461152	465	466	1			17		
			A461153	466	467	1			53		
467.20	477.00	(E3) Felsic Volc , ()	A461154	467	468	1			25		
		Felsic Volcanics with a sort 30cm tranisional zone from E1 to E3. Begining of unit is banded with moderate sericite. Banding @70tca. Minor thin dark grey cumulated qtz veins. Looks	A461155	468	469	1			22		
			A461156	469	470	1			90		

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-200
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<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
		like QSS. At 470.3 changed to a medium grey with no banding and foliation @40tca looking more like sediments (greywacke) Very homogenous. Getting a bedded look at cnts with Feldspar Porph dyke. Last 20cm of unit are a medium green mafic dyke. Hole ends in a Mafic dyke. E.O.H. at 477m.	A461157	470	471	1			111	
			A461158	471	472	1			334	
			A461159	472	473	1			664	
			A461160	473	474	1			151	
			A461161	474	475	1			10	
			A461162	475	476	1			22	
			A461163	476	477	1			23	E.O.H. and end of sampling
474.60	- 475.90	(13S) Feldspar porphyry								
		Chunky feldspar porphyry dyke with sharp cnts @50.								

	CHECKID	DUPLICATE NO	SAMPLEID	STANDARDID	Au_FA_AA ppb_DSC	Au_FA_AA _ppb	Au_FA_AA_ppb _LABJOBNO	Sample_Comments
1	A460849	STD	RL-09-200_COLI_LAKE	CDN-CGS-19		722	200941897	
2	A460850	STD	RL-09-200_COLI_LAKE	Blank	<	5	200941897	
3	A460899	STD	RL-09-200_COLI_LAKE	CDN-CGS-19		702	200941901	
4	A460900	STD	RL-09-200_COLI_LAKE	Blank		8	200941901	
5	A460949	STD	RL-09-200_COLI_LAKE	CDN-CGS-19		704	200941933	
6	A460950	STD	RL-09-200_COLI_LAKE	Blank		13	200941933	
7	A460999	STD	RL-09-200_COLI_LAKE	CDN-CGS-19		730	200941933	
8	A461000	STD	RL-09-200_COLI_LAKE	Blank	<	5	200941933	
9	A461049	STD	RL-09-200_COLI_LAKE	CDN-GS-4A		4230	200941942	
10	A461050	STD	RL-09-200_COLI_LAKE	Blank	<	5	200941942	
11	A461099	STD	RL-09-200_COLI_LAKE	CDN-CGS-19		690	200941942	
12	A461100	STD	RL-09-200_COLI_LAKE	Blank	<	5	200941942	
13	A461149	STD	RL-09-200_COLI_LAKE	CDN-CGS-19		768	200941942	
14	A461150	STD	RL-09-200_COLI_LAKE	Blank		9	200941942	
	*							

Goldcorp Inc.
Diamond Drill Hole Report

Hole ID : RL-09-201
Project : COLI_LAKE
Prospect : SIDACE LK

<u>Drilling</u>	<u>Casing</u>	<u>Location</u>	<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	<u>Other</u>
Azimuth: 260.00	Length:	Township: COLI LAKE AREA	East: 462240.00	East:	Contractor: HY-TECH DRILLING
Dip: -55.00	Pulled:	Claim No: 1210406	North: 5678612.00	North:	Spotted By:
Length: 1065 m	Capped:		Elevation: 410.00	Elevation:	Surveyed By:
Started: 28-Jun-2009	Cemented: N	NTS: 52N/05	UTM Grid: NAD27_Z15	Local Grid:	Surveyed Date:
Completed: 12-Jul-2009		Surface Hole: Yes	Survey Type: estimated coords		Logged By: Howes, Ben
Logged: 10-Jul-2009		Level: Surface			Logged By 2:
	Core				Re-logged By:
	Dimension: NQ		Coordinate - UTM	Coordinate - Local	Water Source:
	Storage: Cochenour Mine		East: 462240.00	East:	Left in Hole: Nothing
Target:			North: 5678612.00	North:	
			Elevation: 410.00	Elevation:	
			UTM Grid: NAD27_Z15	Local Grid:	
			Survey Type: unknown GPS		

Comments: Planet hole RL-09-201 drill setup just east of Anderson Lk. drilling west underneath the lake. Targeting a mag low between to mag highs. Hole stop because it was past proposed final length. Hit mag low around 718m to 742m

<u>Deviation Tests</u>				<u>Deviation Tests</u>				<u>Deviation Tests</u>			
<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>
0.00	260.00	-55.00	PROPOSED	318.00	247.70	-53.90	Reflex	648.00	234.80	-48.90	Reflex
18.00	259.60	-57.10	Reflex	348.00	244.20	-53.50	Reflex	678.00	233.50	-48.70	Reflex
48.00	264.10	-56.90	Reflex	378.00	244.70	-52.00	Reflex	711.00	232.00	-48.50	Reflex
78.00	257.40	-56.50	Reflex	411.00	245.00	-51.30	Reflex	741.00	235.40	-48.40	Reflex
108.00	255.20	-56.60	Reflex	441.00	241.90	-50.40	Reflex	771.00	234.00	-48.10	Reflex
138.00	254.60	-56.50	Reflex	471.00	240.20	-50.40	Reflex	801.00	234.00	-47.70	Reflex
168.00	254.10	-56.50	Reflex	501.00	239.60	-50.30	Reflex	831.00	228.20	-47.70	Reflex
198.00	252.60	-56.10	Reflex	528.00	238.80	-50.20	Reflex	861.00	240.70	-47.40	Reflex
228.00	251.50	-55.90	Reflex	558.00	237.80	-50.20	Reflex	891.00	236.40	-47.30	Reflex
258.00	249.20	-54.70	Reflex	588.00	238.20	-50.10	Reflex	921.00	231.00	-47.20	Reflex
288.00	249.40	-54.20	Reflex	618.00	236.10	-49.20	Reflex	951.00	240.80	-47.40	Reflex

Goldcorp Inc.
Diamond Drill Hole Report

Hole ID : RL-09-201
Project : COLI_LAKE
Prospect : SIDACE LK

Deviation Tests

Distance (m)	Azimuth	Dip	Type
981.00	233.00	-47.40	Reflex
1011.00	238.20	-47.20	Reflex
1041.00	249.30	-46.90	Reflex

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-201

Project : COLI_LAKE

Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
0.00	8.65	(OB) Overburden , () Overburden								
8.65	15.00	(E1) Mafic Volc , (FOL) Foliated Dark blackish Mafic Volcanics with foliation @20-30tca and 10-15% skarn veining (silica, diopside, mostly diopside light green colour). Minor patches of brown biotite.	A461164	9	10	1			17	start of samples
			A461165	13	14	1			120	
			A461166	14	15	1			532	
15.00	17.20	(E3) Felsic Volc , (BAN) Banded tannish yellow Felsic volcanics strongly sericitic with foliation @20-30tca. Upper contact is broken up core. Lowr conact sharp same angle as foliation								
17.20	22.65	(I3S) Feldspar porphyry , () Dark blackish vfg. Feldspar Porphyry with very little white porphyrys (feldsarp). Most of porphs have been destored by foliation shearing @20tca. Contacts sharp @25tca.	A461167	17	18	1			10	
			A461168	22	23	1			13	
22.65	32.75	(E3) Felsic Volc , (BAN) Banded Tannish yellow Felsic Volcanics, moderately sericitic with minor patches of fg andylusite. Foliation still strong @25tca. Local 20cm mafic band within felics at 28.5m.	A461169	28	29	1			38	
			A461170	32	33	1			31	
32.75	63.60	(E1) Mafic Volc , (FOL) Foliated Dark grey/green Mafic Volcanics with moderate brown biotite and local sections with strong brown biotitie. Unit is cut by strong skarn veining throughout 20-30% of unit. Skarn veining is at same angle as foliation @25tca. Local section of 5cm of fault gouge at 41.6m	A461171	33	34	1			16	
			A461172	34	35	1			15	
			A461173	35	36	1			14	
			A461174	36	37	1			26	
			A461175	37	38	1			11	
			A461176	38	39	1			23	
			A461177	39	40	1			9	
			A461178	40	41	1			57	
			A461179	41	42	1			17	
			A461180	42	43	1			9	
			A461181	43	44	1			23	
			A461182	44	45	1			11	
			A461183	45	46	1			17	
			A461184	46	47	1			15	
			A461185	47	48	1			8	
			A461186	48	49	1			12	
			A461187	49	50	1			12	

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			A461188	50	51	1			26	
			A461189	51	52	1			28	
			A461190	52	53	1			9	
			A461191	53	54	1			13	
			A461192	54	55	1			16	
			A461193	55	56	1			13	
			A461194	56	57	1			47	
			A461195	57	58	1			21	
			A461196	58	59	1			17	
			A461197	59	60	1			15	
			A461198	60	61	1			9	
			A461201	61	62	1			16	
			A461202	62	63	1			13	
			A461203	63	64	1			151	
33.10	- 33.55	(V8) Skarn vein								
Skarn vein.										
37.60	- 41.60	(V8) Skarn vein								
90% skarn veining. Some veins 1.5m long with qtz/carb diopside and amphiboles. Diopside has parting. very large diopside crystals.										
45.30	- 46.00	(V8) Skarn vein								
80 % Skarn veining with local fault gouge at 46m 5cm of gouge material. qtz/carb diopside and amphiboles. Diopside has parting. very large diopside crystals										
50.75	- 53.60	(V8) Skarn vein								
85% Skarn veining same as above skarn veining with minor grains of mg py cubes.										
63.60	67.60	(E3) Felsic Volc , (BAN) Banded	A461204	64	65	1			781	
Light grey with tanish patches of Felsic Volcanics moderately sericitic patches with a minor fg andylusite. Has a banded look @25tca of light grey bands (qtz sericicite andylusite and darker biotitie feldspar. Some local bands of strong brown biotite and a local section mafic volcanics beside a shear feldpsar porph with qtz/skarn veining at contacts from 64.6 to 65.7 (first half feld porp, second mafic volcanic band										
			A461205	65	66	1			93	
			A461206	67	68	1			717	
67.60	71.95	(E1) Mafic Volc , ()	A461207	71	72	1			184	
dark greenish brown Mafic Volcanics with moderate brown biotite bands @25tca same as foliation. Unit is cut by 5% skarn veining only on margins with contacts. Local FP dyke from 70.60 to 70.85 @25tca, a sheared chunky porph.										
71.95	81.35	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461208	74	75	1			31	
Shear Feldspar Porphyry dyke, shearing out most of the porphyrys, small patches still have feldspar porphyry. Shearing @35tca. Local skarn veining throughout 15-20% of unit. One										
			A461209	75	76	1			31	

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		skarn vein is almost 2m.	A461210	76	77	1			<5	
			A461211	77	78	1			<5	
			A461212	78	79	1			<5	
			A461213	79	80	1			11	
			A461214	80	81	1			<5	
		74.20 - 76.10 (V8) Skarn vein								
		Same as above skarn veining 95%								
81.35	87.30	(E1) Mafic Volc , ()	A461215	81	82	1			401	
		Dark green Mafic Volcanics with foliation @35tca. Decrease in brown biotitie 10-15% of unit now. 10-15% skarn veining. Skarn veins on cnts	A461216	82	83	1			25	
			A461217	83	84	1			27	
			A461218	84	85	1			31	
			A461219	85	86	1			22	
			A461220	86	87	1			216	
		81.30 - 82.25 (V8) Skarn vein								
		80% skarn veining.with inclusions of brown biotitic mafic volcanics								
87.30	92.35	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461221	87	88	1			42	
		Sheared Feldspar Porphyry same as above sheare FP dyke with 2-3% skarn veining								
92.35	97.20	(E1) Mafic Volc , ()	A461222	92	93	1			184	
		Mafic Volcanics dark green with minor brown biotitie bands. 25% Skarn veining. Veining @30tca.	A461223	93	94	1			80	
			A461224	94	95	1			50	
			A461225	95	96	1			82	
			A461226	96	97	1			156	
97.20	101.50	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461227	97	98	1			312	
		dark greyish Shear Feldspar Porphyry with 10% skarn veining and qtz veins 1-3cm core width at same angle as shearing @40tca.	A461228	98	99	1			1157	
			A461229	99	100	1			24	
			A461230	100	101	1			<5	
			A461231	101	102	1			79	
101.50	103.10	(E3) Felsic Volc , (SCH) Schistose	A461231	101	102	1			79	
		Light tanish yellow felsic volcanics (looks close to being QSS) strongly sericitic. a couple local 0.5-1cm cumulated qtz veinins (2% of unit). Local dark band 2cm tw with small blebs1-3mm of aspy and py from 101.75 to 102.0m @15tca.	A461232	102	103	1			183	
103.10	104.00	(E1) Mafic Volc , (BAN) Banded	A461233	103	104	1			155	

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Banded Mafic volcanics with pyrrhotite and pyrite bands and breccia matrix and dark blackish bands of magnetite (or the po is magnetic). 1 Local skarn vein with py and po blebs within. 20% sulphides.										
104.00	112.80	(E1) Mafic Volc , ()	A461234	104	105	1			31	
Dark greenish/black Mafic volcanics with mg-cg boititie veins (replacement veins?) mostly fairly thin veins cutting at all angles some boudinage irregular 10-15% 0.2-1cm. More blackish biotite then redish/brown biotitie. Only 2-3% qtz/ carbonate diopside veining (skarn veining).										
			A461235	105	106	1			22	
			A461236	106	107	1			26	
			A461237	107	108	1			32	
			A461238	108	109	1			28	
			A461239	109	110	1			38	
			A461240	110	111	1			50	
			A461241	111	112	1			28	
			A461242	112	113	1			13	
112.80	116.10	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461243	113	114	1			<5	
Shear Feldspar Porphyry, shearing @ 40tca. Minor skarn veining <1%. Local section of boudinage recrystalize qtz veining from 114.95 to 115.1.										
			A461244	114	115	1			<5	
			A461245	115	116	1			<5	
116.10	121.00	(E2) Intermediate Volc , (MAS) Massive	A461246	116	117	1			<5	
Dull medium grey Intermediate volcanic fairly massive and homogenous. 20cm section of mafic volcanics on upper cnt with sheared FP dyke. Foliation @40tca. 15cm qtz vein at lower cnt.										
			A461247	117	118	1			263	
			A461248	118	119	1			<5	
			A461251	119	120	1			<5	
			A461252	120	121	1			7	
121.00	126.55	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461253	121	122	1			5	
dark redish grey Shear Feldspar Porphyry. Same FP dyke. With moderate biotitie disseminate throughout. Shearing @40tca										
			A461254	122	123	1			125	
			A461255	123	124	1			<5	
			A461256	124	125	1			6	
			A461257	125	126	1			91	
			A461258	126	127	1			22	
126.55	128.70	(E1) Mafic Volc , ()	A461259	127	128	1			359	
dark green black Mafic volcanics, close to gabbroic dyke. Strong black biotitie with curnulated thin biotitie bands. Moderate veining of calcite with minor qtz @40tca and minor dissemination of calcite. Qtz vein at lower 10cm @75tca.										
			A461260	128	129	1			24	
128.70	142.30	(I0B) Pyroxenite , (GS3) Coarse Grained	A461261	129	130	1			7	

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CG Pyroxenite dyke. Rich in fairly cg pyroxenes stubby long crystals with a moderate whitish ground massive (plag). Fairly massive with Local foliated section for 20-30cm @45. Last 1.5m strongly foliated (possibly a foliated dyke and not pyroxenite anymore) no longer cg, gone to fg.			A461262	130	131	1			26		
			A461263	131	132	1			6		
			A461264	132	133	1			28		
			A461265	134	135	1			<5		
			A461266	135	136	1			8		
			A461267	136	137	1			7		
			A461268	137	138	1			8		
			A461269	138	139	1			7		
			A461270	139	140	1			8		
			A461271	140	141	1			8		
			A461272	141	142	1			30		
	142.30	143.65	(I0E) Lamprophyre , (FOL) Foliated	A461273	142	143	1			16	
	Foliated Lamp dyke, medium grey colour. Upper cnt diffused at low angle. Lower cnt @15tca sharp. Biotitic/horblenitic. Foliated @35tca.			A461274	143	144	1			27	
143.65	147.30	(I1A) Gabbro , ()	A461275	144	145	1			11		
Gabbo dyke light to dark green with elongated biotite clots a lined @60tca. 5cm qtz carb vein at lower contact with mafic volcanics.			A461276	145	146	1			8		
			A461277	146	147	1			19		
147.30	157.50	(E1) Mafic Volc , ()	A461278	147	148	1			11		
Dark green with black and brown Mafic Volcanics. Most of the unit is finely laminated with biotite as both black biotite and brown biotite increase in brown biotite with depth. And white bands of plag/qtz minor. Laminate is mostly @30tca but some sections up to 60tca. Local tightly cumulated sections of lamination. Minor diopside veining and qtz veining cutting @same angle as foliation.			A461279	148	149	1			16		
			A461280	149	150	1			18		
			A461281	150	151	1			15		
			A461282	151	152	1			20		
			A461283	152	153	1			29		
			A461284	153	154	1			18		
			A461285	154	155	1			30		
			A461286	155	156	1			193		
			A461287	156	157	1			114		
			A461288	157	158	1			308		
157.50	201.72	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461288	157	158	1			308		
Light grey Sheared Feldspar Porphyry most of the porph sheared out but some remnants. Minor Skarn veining throughout 2-4% of unit. 2 Local inclusions of strongly biotitic mafic Volcanics one from 158.85 to 159.6 with skarn veining at contacts. Shearing @40tca. Local skarn vein from 194.87 to 195.0m with vfg scatter grains of what looks like aspy and po			A461289	158	159	1			846		
			A461290	159	160	1			50		
			A461291	161	162	1			24		

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(possibly just py).			A461292	167	168	1			47	
			A461293	168	169	1			263	
			A461294	171	172	1			217	
			A461295	174	175	1			54	
			A461296	177	178	1			85	
			A461297	184	185	1			84	
			A461298	187	188	1			38	
			A461301	189	190	1			23	
			A461302	194	195	1			117	
			A461303	195	196	1			106	
			A461304	199	200	1			34	
			A461305	200	201	1			20	
			A461306	201	202	1			7	
201.72	208.18	(E1) Mafic Volc , ()	A461307	202	203	1			27	
Dark green Mafic Volcanic. Sharp contacts with small section of strong biotitication at cnts. Two sets of qtz carbonate veining +biot, magnetite, one at low angle to the core 20-25tca and one at 45-55tca. Moderate sulphide mineralization at or near qtz carb veining mostly py and po with minor cp as stringers blebs and fg scattered grains. 2-5% overall. Foliation is faint @40tca. Strongly magnetitic throughout. (possibly was sedimenary).			A461308	203	204	1			<5	
			A461309	204	205	1			59	
			A461310	205	206	1			60	
			A461311	206	207	1			155	
			A461312	207	208	1			1002	
208.18	213.67	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461313	208	209	1			153	
Sheared Porphyrylight grey (with redish tinge when wet, same as rest of shear FP dykes. Moderate skarn veining 5-8% qtz carb diopside +amphiboles and minor py and po scatter grains. Two inclusions of mafic volcanics but more banded and magentic throughout with bands of dark green (amph?), and thin bands of calcite, and magnetite. moderate sulphide within calcite.			A461314	212	213	1			119	
			A461315	213	214	1			21	
213.67	223.50	(E1) Mafic Volc , (ALT) Altered	A461316	214	215	1			114	
Mafic Volcanics (or possible band iron formation, chemical seds looks to have bends of possibly grunerite) strongly magnetitic throughout. with veins of magnetite surround by calcite. Magnetite veins are fragmented and brecciated. First 2m of unit has 1-2cm magnetite veins, the rest thin. Some moderate sulphide mineralization of py, po, and local blebs of cp 3-4%. Last 1 of unit very weakly magnetic with thin laminate banding of biotitie.			A461317	215	216	1			31	
			A461318	216	217	1			12	
			A461319	217	218	1			136	
			A461320	218	219	1			12	
			A461321	219	220	1			31	
			A461322	220	221	1			12	
			A461323	221	222	1			22	
			A461324	222	223	1			36	

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			A461325	223	224	1			157	
223.50	241.60	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461325	223	224	1			157	
Sheared Feldspar Porphyry same as above Sheared porph but no mafic inclusions. 3-5% skarn veining throughout. Shearin @45tca.										
			A461326	229	230	1			9	
			A461327	232	233	1			60	
			A461328	234	235	1			184	
			A461329	238	239	1			47	
			A461330	241	242	1			34	
241.60	243.75	(E1) Mafic Volc , (ALT) Altered	A461331	242	243	1			55	
Mafic Volcanics, magnetitic throughout with carbonate (calcite mostly) foliation @45tca. Moderately brown biotitic contacts with FP dykes. banded patches of brown biotite. as well as thin bands of calcite and magnetite. and some dark green bands.										
			A461332	243	244	1			160	
243.75	244.70	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained								
Sheare Porphyry shearing @45tca. One local 8cm skarn vein @45tca.										
244.70	247.80	(E1) Mafic Volc , ()	A461333	245	246	1			27	
Mafic Volcanics similar to above, magnetitic patches. mag at thin magnetite veins. Local gabbro dyke running throughout the center of mafic volcanics										
			A461334	247	248	1			32	
245.90	247.35	(I1A) Gabbro								
MG gabbro dyke green with a whitish groundmass. Strongly magnetitic throughout. Fairly massive. No foliation										
247.80	251.25	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461335	248	249	1			165	
Sheared Feldspar Porphyry with very minor skarn veining 1%. Shearing @45tca.										
251.25	253.67	(E1) Mafic Volc , ()	A461336	251	252	1			43	
Strongly magnetitic mafic Volcanics with cg magnetite chunks as well as disseminate throughout. Foliation and weak banding @40tca. Local fero dolomite vein from 252.4 to 253.35 with skarn veining on cnts. dolomite vein is brecciated as well on cnts.										
			A461337	252	253	1			23	
			A461338	253	254	1			63	
253.67	267.20	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461339	254	255	1			585	
Sheared Feldspar Porphyry light grey with shearing @ 45tca. Little to no feldspar pheno. 3-5% skarn veining throughout. skarn vein 0.3 to 2cm same angle at foliation aswell as local qtz veining. Minor patches of hematite staining. Local section of mafic volcanics from 255.7 to 256.8 with moderate foliation banding of brown biotite, thin bands of calcite and magnetite and dark green and light grey bands. Minor tight curnulation.										
			A461340	255	256	1			891	
			A461341	256	257	1			128	
			A461342	257	258	1			15	
			A461343	260	261	1			7	
			A461344	261	262	1			6	
			A461345	264	265	1			<5	
			A461346	265	266	1			9	

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			A461347	266	267	1			34	
267.20	268.10	(E1) Mafic Volc , ()	A461348	267	268	1			109	
		Dark greenish brown biotitic mafic volcanics with patchy magnetitic. Moderately banded look. Band foliation @45tca. Patchy moderately magnetitic. Sharp cnts to FP dykes.								
268.10	270.50	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461351	268	269	1			38	
		Sheared feldspar porphyry with increase in porphyrys (not as much destruction of porphs) shearing @40tca.	A461352	269	270	1			15	
			A461353	270	271	1			392	
270.50	271.30	(E1) Mafic Volc , ()	A461353	270	271	1			392	
		Small section of Mafic volcanics same as above. with patchy magnetitics								
271.30	275.50	(I2A) Diorite , ()	A461354	271	272	1			25	
		10cm inclusion of sheared FP dyke at upper cnt. Late diorite dyke, fg massive dark greyish. Lacks fabric. Lower cnt sharp @55tca	A461355	272	273	1			8	
			A461356	273	274	1			<5	
			A461357	274	275	1			<5	
			A461358	275	276	1			31	
275.50	278.30	(E1) Mafic Volc , ()	A461358	275	276	1			31	
		Mafic Volcanics, strongly biotitic (black biotitie) and strong patches of disseminated/prevasive magnetite. Disseminated grains of py throughout 2-4% of unit. Foliation fabric @40tca.	A461359	276	277	1			176	
			A461360	277	278	1			70	
278.30	285.70	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461361	278	279	1			62	
		Porphyry rich Feldspar Porphyry dyke. 25% of unit has porph destories by shearing @40tca (shearing lenses). Three Local 2cm qtz veins with amphiboles within cutting @20-35tca. recrystalized qtz but no sulphides. 1 small local skarn vein 1cm wide. Lower cnt with qtz veining and strong biotite marginal.	A461362	279	280	1			18	
			A461363	280	281	1			6	
			A461364	281	282	1			672	
			A461365	282	283	1			5	
			A461366	283	284	1			43	
			A461367	284	285	1			199	
			A461368	285	286	1			213	
285.70	289.35	(E1) Mafic Volc , ()	A461369	286	287	1			10	
		Mafic Volcanics with a very gabbroic look (possibly a sheared gabbro dyke). with foliation @30-55tca weak looking foliation fabric. Cut by 3% carbonate veins (mostly calcitic). Not magnetitic. Fairly massive for mafic volcanic. Sharp cnts to FP dyke same angle as foliation	A461370	287	288	1			34	
			A461371	288	289	1			38	

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289.35	291.38	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained Strongly Sheared Feldspar porphyry dyke with 80% of feldspar phenos destoried.	A461372	289	290	1			24	
			A461373	290	291	1			<5	
291.38	298.70	(E1) Mafic Volc , () Fairly Massive mafic volcanics with strong patches of magnetite throughout. 75% of unit magnetitic. Unit is cut by carbonate veins three dolomite veins (very strongly magnetitic) one from 292.4 to 292.6m with strong amphibolitic margins. Local section of po and py banding at 297.5m for 20cm	A461374	291	292	1			15	
			A461375	292	293	1			28	
			A461376	293	294	1			900	
			A461377	294	295	1			17	
			A461378	295	296	1			14	
			A461379	296	297	1			34	
			A461380	297	298	1			23	5% sulph
			A461381	298	299	1			45	5% sulph
298.70	302.60	(E3 C2B) Felsic Volc Iron formation - Sulphide facies, (BAN) Banded Banded felsic-intermediate volcanic and chert sulphide, magnetite bands. Increase in silica making volcanics more felsic. minor bands of brown biotite 5% of unit. Within iron formation section strongly magnetitic throughout with moderate banding of po and py. All the banding fairly strong @40tca. Lower cnt of C2B at 301.1 with 15cm of carbonate vein with moderate silica.	A461382	299	300	1			1205	10-15% sulph
			A461383	300	301	1			285	5% sulph
			A461384	301	302	1			20	
			A461385	302	303	1			13	
302.60	330.00	(E2) Intermediate Volc , (BAN) Banded Intermediate volcanics strongly banded patches 15% weak banding @45tca. Banding of dark brown biotite, feldspar, epidote, diopside, silica and minor bands of light brown biotite. 4-5% Qtz/carbonate banding(veining) throughout with minor blebs of po within. Local large skarn vein. Minor local strong magnetite patches 3-4% of unit. Local pink granitic pegmatite vein at 305.25 12cm wide. Local section of cp veinlette with a bleb of aspy within at 304.2m (possible vg within cp) marginal to thin carbonate magnetite banding. Another local section of aspy at 317.7m, band of aspy blebs 1-2mm.	A461386	303	304	1			66	
			A461387	304	305	1			19	
			A461388	305	306	1			18	
			A461389	306	307	1			10	
			A461390	307	308	1			13	
			A461391	308	309	1			7	
			A461392	309	310	1			15	
			A461393	310	311	1			9	
			A461394	311	312	1			9	
			A461395	312	313	1			23	
			A461396	313	314	1			21	
			A461397	314	315	1			14	
			A461398	315	316	1			17	
A461401	316	317	1			26				
A461402	317	318	1			13				
A461403	318	319	1			<5				

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			A461404	319	320	1			12	
			A461405	320	321	1			<5	
			A461406	321	322	1			<5	
			A461407	322	323	1			<5	
			A461408	323	324	1			<5	
			A461409	324	325	1			30	
			A461410	325	326	1			17	
			A461411	326	327	1			11	
			A461412	327	328	1			6	
			A461413	328	329	1			8	
			A461414	329	330	1			11	
304.60	305.10	(V8) Skarn vein								
Skarn vein, diopside with disseminate calcite and minor qtz. cg ganets within and amphibolitic margins. Minor blebs of po scatted throughout 3-5%.										
317.80	320.40	(E3) Felsic Volc								
Sillithified Felsic Volcanics. reddish colour (reddish brown biotite). with calcite/diopside bands 0.5-1.5cm (not sillithified) with minor blebs of po within bands										
330.00	335.00	(I3S) Feldspar porphyry , (BLK) Blocky	A461415	330	331	1			<5	
Hammer Porphyry dyke. Most of the FP dyke is strongly broken up, fractures and jnted. Reddish blue colour with some orange strain near fracuture and joints. Most of porph shearedout, shearing @45tca. 2 Local skarn veins one at 332.8 and one close to lower cnt at 334.8 both 10cm wide with qtz diopside and calcite. amphibolitic margins. 2 Local late white qtz veins 5-10cm recrystalized. Local inclusion of mafic volcanics from 333.5 to 333.8 with 0.5cm irrular skarn veining within 15% of sections.										
			A461416	331	332	1			<5	
			A461417	332	333	1			8	
			A461418	333	334	1			18	
			A461419	334	335	1			2339	
335.00	337.42	(E1) Mafic Volc , ()	A461420	335	336	1			8	
dakr green mafic Volcanics fairly massive looking and fg. Weakly magnetitic patches. Weak foliation fabric @35tca with thin bands of qtz carb diopside and minor po and biotitie replacement. Minor very thin fractures with py/cp infill.										
			A461421	336	337	1			19	
337.42	339.20	(I3S) Feldspar porphyry , ()	A461422	337	338	1			56	
Feldspar Porphyry light greyish with organge straining near fractures. Moderately fractured porph with moderate qtz veining cutting at low angle but irrular (not planar) 10% qtz veining).										
			A461423	338	339	1			6	
339.20	368.15	(S3C) Arkose , (BED) Bedded	A461424	339	340	1			37	
VFG meta sediment, looks recrystalized. with some thin laminated banded patches but mostly a massive look dark greyish green with wipsy biotite. Patchy bands of thin magnetite as well as disseminate. Some of the thin laminated banding is tightly cumulated and some abrupt folds. Thin carbonate (calcite) fractures/veins 1-2% of unit. Local Limestone sediments interbed as well.										
			A461425	340	341	1			<5	
			A461426	341	342	1			8	
			A461427	342	343	1			5	

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			A461428	343	344	1			<5	
			A461429	344	345	1			6	
			A461430	345	346	1			<5	
			A461431	346	347	1			<5	
			A461432	347	348	1			42	
			A461433	348	349	1			29	
			A461434	349	350	1			153	
			A461435	350	351	1			13	
			A461436	351	352	1			<5	
			A461437	352	353	1			7	
			A461438	353	354	1			35	
			A461439	354	355	1			6	
			A461440	355	356	1			9	
			A461441	356	357	1			<5	
			A461442	357	358	1			6	
			A461443	358	359	1			<5	
			A461444	359	360	1			6	
			A461445	360	361	1			9	
			A461446	361	362	1			5	
			A461447	362	363	1			7	
			A461448	363	364	1			7	
			A461451	364	365	1			9	
			A461452	365	366	1			12	
			A461453	366	367	1			25	
			A461454	367	368	1			15	
368.15	370.00	(C2B) Iron formation - Sulphide facies , ()	A461455	368	369	1			28	
		Sulphide/magnetite banding, thin lamination @50tca. Mostly Po and magnetite with moderate brown biotite bands. Minor bands of chert. 15% sulphides Strongly magnetitic	A461456	369	370	1			25	
370.00	373.00	(E1) Mafic Volc , ()	A461457	370	371	1			15	
		dull greenish brown Mafic Volcanics banded (or still possibly sed). with minor brown biotite bands. Minor bands of calcite 1-2%. Last 0.8m of unit is Strong carbonate silica vein/skarn vein. first 0.4m is qtz calcite amphibolite with a thin 1cm dolomight vein with large chunks of magnetite the a skarn vein with calcite/diopside qtz and amphibolite on lower cnt.	A461458	371	372	1			11	
			A461459	372	373	1			21	
373.00	400.30	(E1) Mafic Volc , (MAS) Massive	A461460	373	374	1			12	

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		Meta sediment (wacke looking) or still possibly E1 dull dark greyish colour fairly massive with light greenish scaring alteration patches some calcitic and white. cut by 3-4% calcite veins (weakly magnetitic as well). Local thin bands of brown biotitie. Minor magnetitic patches throughout. Some local magnetitic PO at 387.5m. Minor very thin bands of po <1%. Local limestone interbed from 382.35 to 382.83 @ 35tca upper cnt and @25tca lower cnt with a recrystalize qtz vein running though. Bedding (or possibly foliation) @ 50tca.	A461461	374	375	1			29	
			A461462	375	376	1			11	
			A461463	376	377	1			8	
			A461464	377	378	1			8	
			A461465	378	379	1			<5	
			A461466	379	380	1			5	
			A461467	380	381	1			7	
			A461468	381	382	1			6	
			A461469	382	383	1			8	
			A461470	383	384	1			6	
			A461471	384	385	1			<5	
			A461472	385	386	1			<5	
			A461473	386	387	1			5	
			A461474	387	388	1			6	
			A461475	388	389	1			6	
			A461476	389	390	1			6	
			A461477	390	391	1			9	
			A461478	391	392	1			7	
			A461479	392	393	1			8	
			A461480	393	394	1			6	
			A461481	394	395	1			<5	
			A461482	395	396	1			<5	
			A461483	396	397	1			5	
			A461484	397	398	1			6	
			A461485	398	399	1			6	
		A461486	399	400	1			5		
400.30	406.05 (I1A)	Gabbro , (SHD) Sheared / highly strained	A461487	400	401	1			35	
		Sheared mg gabbro dyke dark greenish colour with shearing @50tca. Moderate calcitic shear veins 3-5% of unit. Shearing occurring as lenses leaving some patches less sheared and able to see mg gabboic texture.	A461488	401	402	1			8	
			A461489	402	403	1			6	
			A461490	403	404	1			7	
			A461491	404	405	1			54	
			A461492	405	406	1			17	
406.05	407.10 (M0)	Marble , (ALT) Altered	A461493	406	407	1			34	
		Limestone beds with bands of chlorite, carbonate and silica. some of the limestrone bands								

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		beds appear to have been altered to qtz. bedding @50tca. Weakly magnetitic bands, magnetite and magnetitic po. Weak thin bands of brown biotite aswell								
407.10	412.40	(S3C) Arkose , (BED) Bedded	A461494	407	408	1			16	
		Banded strongly chloritic sediments with banding @45tca. Thicker bands of chlorite 2-5cm and thin bands of carbonate, biotite (brown and silica. Some minor local skarn veins 3-5cm wide with qtz strong diopside and calcite. Local foliated gabbro inclusion from 408.3 to 409.15 with a skarn vein on lower cnt. Upper cnt hazy (unsure). Foliation @55tca.	A461495	408	409	1			13	
			A461496	409	410	1			11	
			A461497	410	411	1			15	
			A461498	411	412	1			9	
412.40	413.50	(E1T) Tuff , ()	A461501	412	413	1			10	
		Mafic qtz crystal Tuff with dark greyish black qtz eyes 1-2mm. Fairly massive.	A461502	413	414	1			32	
413.50	418.60	(I1A) Gabbro , (MAS) Massive	A461502	413	414	1			32	
		FG-MG gabbro dyke fairly massive with minor foliation fabric @50tca. Minor 1-5mm carbonate veins cutting dyke planar and all different angles (approx. 1%). Upper cnt is a 20cm strong biotite schist with thin bands of po (5-8% po).	A461503	414	415	1			11	
			A461504	415	416	1			12	
			A461505	416	417	1			8	
			A461506	417	418	1			9	
			A461507	418	419	1			7	
418.60	421.00	(S3C) Arkose , ()	A461508	419	420	1			44	
		Chloritic sediments with foliation @30tca with streaks and bands of brown biot. A scaring light greenish colour alteration as well.	A461509	420	421	1			13	
421.00	422.50	(I2A) Diorite , (SCH) Schistose	A461510	421	422	1			22	
		Dorite dyke with strong schistose biotite within and strong biotite schists on cnts. Lower cnt is an intermix of chloritic seds feld porph dyke and strong biotite, amph, and calcite for 0.5m. Schistosity throughout @30tca.	A461511	422	423	1			35	
422.50	426.40	(S3C) Arkose , ()	A461511	422	423	1			35	
		Banded strongly chloritic sediments with banding @45-50tca. Thicker bands of chlorite 2-5cm and thin bands of carbonate, biotite (brown) and silica. Some minor local skarn veins 3-5cm wide with qtz strong diopside and calcite. Foliation @55tca. 17cm skarn vein on lower cnt with magnetite and blebs of po scattered within. All PO is strongly magnetic.	A461512	423	424	1			42	
			A461513	424	425	1			377	
			A461514	425	426	1			22	
426.40	428.83	(C2B) Iron formation - Sulphide facies , (BAN) Banded	A461515	426	427	1			44	
		Banded Iron formation with strong bands of chert, dark green (grunerite), light green, chlorite, sulphide bands mostly po (All PO is strongly magnetic), and dark blackish magnetite bands all @45tca. 5-10% sulphide throughout with first meter with more massive thicker sulphide bands 1-2cm. One local limestone interbed with bands of biotite marginal 428.5 20cm sections.	A461516	427	428	1			45	
			A461517	428	429	1			81	

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428.83	446.20	(S3C) Arkose , (BED) Bedded								
Fairly massive chloritic sediments with interbedding of limestone from 5cm to 0.8m wide. As well as beds of banded iron formation 10-20cm (mostly surrounding Limestone beds). Bedding/foliation @45-55. Moderate skarn veining mostly 1cm wide qtz diopside vein. Magnetic patches throughout. All PO is strongly magnetic. 10-15% Limestone/BIF beds										
			A461518	429	430	1			34	
			A461519	430	431	1			61	
			A461520	431	432	1			13	
			A461521	432	433	1			15	
			A461522	433	434	1			18	
			A461523	434	435	1			15	
			A461524	435	436	1			79	
			A461525	436	437	1			12	
			A461526	437	438	1			41	
			A461527	438	439	1			22	
			A461528	439	440	1			11	
			A461529	440	441	1			13	
			A461530	441	442	1			67	
			A461531	442	443	1			33	
			A461532	443	444	1			37	
			A461533	444	445	1			77	
			A461534	445	446	1			396	
435.00	436.00	(M0) Marble								
Limestone bed with BIF (chert, magnetite bands) and garnet and diopside rich bands marginal to cnts with limestone for 20cm.										
438.48	438.96	(V8) Skarn vein								
Skarn vein with blebs of mag PO and small blebs of aspy.										
446.20	451.00	(I1A) Gabbro , (SHD) Sheared / highly strained								
Shear gabbro dyke with with lenses of shearing @50tca. with carb rich q/c veins cutting at the same angle. Local section of BIF from 448.7 to 448.93 mostly chert bands.										
			A461535	446	447	1			38	
			A461536	447	448	1			78	
			A461537	448	449	1			24	
			A461538	449	450	1			10	
			A461539	450	451	1			12	
451.00	454.00	(E1) Mafic Volc , (FOL) Foliated								
Dull greenish brown Mafic Volcanics with a weak banding @55tca. thin bands of brownish biotiteand carbonates. Minor skarn veining throughout 3-4% 1cm wide. 15cm Skarn vein on lower cnt with intermidate dyke.										
			A461540	451	452	1			21	
			A461541	452	453	1			21	
			A461542	453	454	1			132	
454.00	455.60	(I2A) Diorite , (FOL) Foliated								
Intermiated dyke with a foliation @ 50tca. Sharp cnts at same angle.										
			A461543	454	455	1			15	
			A461544	455	456	1			35	

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455.60	461.30	(E1) Mafic Volc , (FOL) Foliated	A461545	456	457	1			38	
		Dark green Mafic Volcanics with strong diopside banding 5-10% diopside carbonate bands/veins. Foliation @50tca. Minor thin biotitic bands. Local Feldspar Porphyry dyke light grey with dark brown patches with shearing lenses @50tca. from 456.8 to 457.1 sharp cnts	A461546	457	458	1			29	
			A461547	458	459	1			69	
			A461548	459	460	1			31	
			A461551	460	461	1			22	
461.30	464.40	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461552	461	462	1			51	
		Light grey to redish brown feldspar porphyry dyke, phenocrystic for first 1m becoming aphenetic in center of dyke. Cut by 0.5cm-1cm carb amph veins (some qtz diopside amph) little to no sulphides, trace. Local section of dark green breccia matrix with qtz fragments (sub-rounded) within from 462.6 to 462.7 cnts sharp @50tca.	A461553	462	463	1			8	
			A461554	463	464	1			7	
464.40	465.50	(M0) Marble , ()	A461555	464	465	1			25	
		Intermix of intermiate tuff and marble banding 70% marble. 10cm Skarn vein on upper cnt.	A461556	465	466	1			29	
465.50	471.70	(E2T) Tuff , (BAN) Banded	A461556	465	466	1			29	
		Intermediate Tuff well banded with bands of silica brown biotitie and dakr green amph. Minor skarn veins within 1% of unit. Banding @45-50tca.	A461557	466	467	1			19	
			A461558	467	468	1			46	
			A461559	468	469	1			17	
			A461560	469	470	1			18	
			A461561	470	471	1			44	
			A461562	471	472	1			25	
471.70	473.40	(M0) Marble , ()	A461563	472	473	1			32	
		Marble bed, some sectiond still limestone with a 35cm mafic dyke within from start of at 472.5 to 474m core strongly blocky and broken up.								
473.40	484.60	(E2) Intermediate Volc , (BAN) Banded	A461564	473	474	1			29	
		medium grey,green, brown Banded Intermediate Tuff with 3-4% of interbedded Limestone. Same as above Tuff. Some minor faulting and fracture displacement	A461565	474	475	1			31	
			A461566	475	476	1			76	
			A461567	476	477	1			14	
			A461568	477	478	1			168	
			A461569	478	479	1			27	
			A461570	479	480	1			10	
			A461571	480	481	1			8	
			A461572	481	482	1			6	

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			A461573	482	483	1			17	
			A461574	483	484	1			34	
			A461575	484	485	1			40	
484.60	488.20	(I2A) Diorite , (POR) Porphyritic (with phenocrysts)								
Foliated light grey Diorite porphyry dyke fairly massive and homogenous										
488.20	490.50	(E2T) Tuff , (BAN) Banded	A461576	488	489	1			23	
Banded Intermediate Tuff. Same as above										
			A461577	489	490	1			54	
			A461578	490	491	1			15	
490.50	491.70	(I2A) Diorite , (POR) Porphyritic (with phenocrysts)	A461578	490	491	1			15	
Light grey Diorite porphyry dyke. Sharp cnts @65 and 45tca										
			A461579	491	492	1			<5	
491.70	494.95	(E2T) Tuff , ()	A461580	492	493	1			<5	
Dull green Intermediate Tuff with weak banding. 3-4% limestone interbedding.										
			A461581	493	494	1			17	
			A461582	494	495	1			22	
494.95	497.00	(I2A) Diorite , (POR) Porphyritic (with phenocrysts)	A461583	495	496	1			<5	
Porphyric Diorite dyke medium grey, dyke is moderately broken up with a local fault with fault gouge from 496.90 to 497.0. Fault lower contact. Moderate Foliation fabric @50tca.										
			A461584	496	497	1			5	
497.00	598.05	(I3S) Feldspar porphyry , (BLK) Blocky	A461585	497	498	1			<5	
whitish grey to reddish brown Hammered Feldspar Porphyry dyke (sub volcanic unit). Strongly broken up. Sections becoming micaschise with mg-cg muscovite and biotite (brownish sections). Alterating tanish yellowiish white (silthified bleaching) to Light brownish reddish (micoschise and possibly microcline). A staining alteration margal to most fractures, orangish colour 5% of unit. Unit is cut by approx 5% skarn veining of qtz diopside carbonate, with amphibolite and epidote 0.5 to 2cm most boudinaged as well as qtz veins. Foliation and fracturing @45-55tca. No visible relic Porphyry										
			A461586	498	499	1			21	
			A461587	499	500	1			22	
			A461588	500	501	1			<5	
			A461589	501	502	1			111	
			A461590	502	503	1			11	
			A461591	503	504	1			22	
			A461592	504	505	1			<5	
			A461593	505	506	1			7	
			A461594	506	507	1			120	
			A461595	507	508	1			75	
			A461596	508	509	1			42	
			A461597	509	510	1			120	
			A461598	510	511	1			103	

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			A461601	511	512	1			15	
			A461602	512	513	1			<5	
			A461603	513	514	1			<5	3% skarn/qtz veining
			A461604	514	515	1			<5	3% skarn/qtz veining
			A461605	515	516	1			7	2% skarn/qtz veining
			A461606	516	517	1			206	3% skarn/qtz veining
			A461607	517	518	1			29	5% skarn/qtz veining
			A461608	518	519	1			311	5% skarn/qtz veining
			A461609	519	520	1			12	2% skarn/qtz veining
			A461610	520	521	1			20	
			A461611	521	522	1			8	10% skarn/qtz veining
			A461612	522	523	1			45	3% skarn/qtz veining
			A461613	523	524	1			43	5% skarn/qtz veining
			A461614	524	525	1			69	4% tourmaline veining
			A461615	525	526	1			37	4% tourmaline veining
			A461616	526	527	1			77	5% skarn/qtz veining
			A461617	527	528	1			44	3% skarn/qtz veining
			A461618	528	529	1			27	2% tourmalin veinings
			A461619	529	530	1			96	5% qtz tourmaline veining
			A461620	530	531	1			38	4% skarn/qtz veining
			A461621	531	532	1			<5	2% qtz tour veining
			A461622	532	533	1			<5	2% qtz tourmaline
			A461623	533	534	1			43	2% qtz tourmaline
			A461624	534	535	1			126	5% skarn/qtz veining
			A461625	535	536	1			48	5% skarn/qtz veining
			A461626	536	537	1			14	3% skarn/qtz veining
			A461627	537	538	1			19	2% skarn/qtz veining
			A461628	538	539	1			9	3% skarn/qtz veining with 1% tourmaline veining
			A461629	539	540	1			<5	1% tourmaline veining
			A461630	540	541	1			<5	2% qtz tourmaline veining
			A461631	541	542	1			69	2% skarn/qtz veining with a local mi qtz/carb brecciate.
			A461632	542	543	1			91	3 0.5 to 1cm qtz carb brecciate vein (qtz strongly brecciated).
			A461633	543	544	1			22	1% skarn/qtz veining

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			A461634	544	545	1			16	2% skarn/qtz veining
			A461635	545	546	1			72	4% skarn/qtz veining
			A461636	546	547	1			24	6% skarn/qtz veining
			A461637	547	548	1			18	
			A461638	548	549	1			15	3% skarn/qtz veining
			A461639	549	550	1			7	3% skarn/qtz veining
			A461640	550	551	1			508	6% skarn/qtz veining
			A461641	551	552	1			13	3% skarn/qtz veining
			A461642	552	553	1			<5	7% skarn/qtz veining
			A461643	553	554	1			<5	2% skarn/qtz veining
			A461644	554	555	1			15	5% skarn/qtz veining
			A461645	555	556	1			16	5% skarn/qtz veining
			A461646	556	557	1			7	
			A461647	557	558	1			13	10% skarn/qtz veining
			A461648	558	559	1			<5	
			A461651	559	560	1			47	
			A461652	562	563	1			13	
			A461653	563	564	1			23	4% skarn/qtz veining
			A461654	564	565	1			36	
			A461655	565	566	1			13	
			A461656	566	567	1			126	
			A461657	567	568	1			28	
			A461658	568	569	1			10	
			A461659	569	570	1			9	
			A461660	570	571	1			<5	
			A461661	571	572	1			13	2% skarn/qtz veining
			A461662	572	573	1			<5	4% skarn/qtz veining
			A461663	573	574	1			<5	2% skarn/qtz veining
			A461664	574	575	1			7	5% skarn
			A461665	575	576	1			<5	4% skarn veining
			A461666	576	577	1			14	6% skarn veining
			A461667	577	578	1			<5	8% skarn veining
			A461668	578	579	1			<5	2% skarn/qtz veining
			A461669	579	580	1			<5	
			A461670	580	581	1			<5	

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			A461671	581	582	1			<5	
			A461672	582	583	1			<5	
			A461673	583	584	1			<5	
			A461674	584	585	1			14	
			A461675	585	586	1			<5	
			A461676	586	587	1			<5	
			A461677	587	588	1			<5	
			A461678	588	589	1			<5	
			A461679	589	590	1			<5	
			A461680	590	591	1			6	
			A461681	591	592	1			<5	
			A461682	592	593	1			16	
			A461683	593	594	1			7	
			A461684	594	595	1			7	
			A461685	595	596	1			<5	
			A461686	596	597	1			14	
			A461687	597	598	1			13	
501.05	- 502.90	(E1T) Tuff								
Inclusion of mafic/intermediate tuff banded. Last 1m of unit is strongly broken up with fault gouge within joints. Strong gouge										
556.07	- 557.25	(I2A) Diorite								
Massive Diorite dyke (somewhat on the mafic side) salt and peppery look. Weak foliation fabric @50tca. Sharp cnts @50tca and 35tca.										
559.47	- 562.75	(I2A) Diorite								
Massive Diorite dyke (somewhat on the mafic side) salt and peppery look. Weak foliation fabric @50tca. Upper cnt sharp @50tca. Lower cnt brecciated with inclusions of Feldspar porphyry for 30cm										
563.66	- 565.80	(I2A) Diorite								
Massive Diorite dyke (somewhat on the mafic side) salt and peppery look. Weak foliation fabric @50tca. Upper cnt sharp @30tca. Lower cnt difused.										
567.20	- 571.85	(I1) Mafic Intrusive								
Dark greyish black Mafic intrusion (or possibly ultramafic) strongly magnetitic throughout. Cut by planar 0.3 to 1.2cm light green veins (looks like olivine colour) likely epidote (non-magnetitic). Local fault with fault gouge from 571.0 to 571.15m @35tca. Both cnts sharp @45tca. Weak foliation fabric @50tca.										

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573.70 - 577.85		(I1) Mafic Intrusive	Strongly chloritic mafic dyke. with 5% skarn veining within 3-10cm wide (some reddish alteration (hematite??) staining in skarn veins. First 30cm are strongly blocky and broken up. Local inclusion of hammered porphyry from 576.9 to 577.3 sharp cnts @50tca. 10cm skarn vein on lower cnt of mafic dyke. Dyke is not magnetitic.							
596.10 - 597.70		(I1A) Gabbro	FG Gabbro dark grey, weakly magnetitic throughout with disseminate calcite throughout as well. Weak foliation fabric @45tca. Sharp cnts @50tca.							
598.05	633.08	(I3S) Feldspar porphyry , (BLK) Blocky	A461688	598	599	1			5	
Darker greyish black and patches of light tannish grey Hammered Felsic Porphyry dyke with nearly all the porphyrys sheared out. Same unit as above with stronger alterations. Bleaching is stronger with sections strongly silithified. Much more biotite then muscovite in dark brownish black section. Looks to have a strong microcline alteration patches throughout. Unit is but by more frequent large and more closely spaced dykes. Skarn veining and Qtz veining now only appox 1% of unit. Still strong foliation shearing @45-55tca. 20-30% mafic dykes and inclusions from 10cm to a couple of meters.		A461689	599	600	1			43		
		A461690	600	601	1			21		
		A461691	601	602	1			17		
		A461692	602	603	1			16		
		A461693	603	604	1			14		
		A461694	604	605	1			6		
		A461695	605	606	1			8		
		A461696	606	607	1			12		
		A461697	607	608	1			9		
		A461698	608	609	1			<5		
		A461701	609	610	1			12		
		A461702	610	611	1			15		
		A461703	611	612	1			12		
		A461704	612	613	1			12		
		A461705	613	614	1			26		
		A461706	614	615	1			12		
		A461707	615	616	1			19		
A461708	616	617	1			11				
A461709	617	618	1			7				
A461710	620	621	1			<5				
A461711	621	622	1			<5				
A461712	622	623	1			<5				
A461713	623	624	1			<5				
A461714	624	625	1			<5				
A461715	625	626	1			11				
A461716	626	627	1			292				
A461717	627	628	1			96				

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			A461718	628	629	1			<5	
			A461719	629	630	1			9	
			A461720	630	631	1			18	
			A461721	631	632	1			<5	
			A461722	632	633	1			<5	
598.90	- 600.20	(E1) Mafic Volc								
Inclusion of mafic volcanics dark green. Looks to be vfg strongly chloritic mafics fairly massive with a weak foliation banding @55tca.										
603.90	- 605.50	(E1) Mafic Volc								
Same as above mafic inclusion with a 15cm qtz vein on lower cnt upper cnt sharp same as foliation shearing @50tca.										
615.50	- 617.85	(E1) Mafic Volc								
Dark green foliated mafic volcanic inclusion some what blocky. Foliated @50tca. Cut by 3% carbonate veins throughout.										
617.85	- 620.95	(I3S) Feldspar porphyry								
Massive FG feldspar porphyry dyke within mafic volcanic inclusion. Inclusion of hammered felsic porphyry at lower cnt of FP dyke and mafic volcanics 15cm.										
620.95	- 621.75	(E1) Mafic Volc								
Same as above mafic volcanic inclusion										
625.18	- 626.22	(E1) Mafic Volc								
Mafic Volcanic with 5% carbonate veining sharp cnts @50tca same as foliation										
626.60	- 627.70	(E1) Mafic Volc								
Mafic Volcanic inclusions with 3% carb veining. Lower cnt strongly broken up. with po banding and minor red garnets.										
629.15	- 630.15	(E1) Mafic Volc								
FG massive mafic volcanic with weak foliation @50tca.										
633.08	665.00	(E1) Mafic Volc , ()	A461723	633	634	1			8	
FG dark blackish grey Mafic Volcanics with 3-4% sedimentary interbedding @45tca. Weak foliation fabric @45tca. (possibly same as massive fg wacke from above). Local strong replacement sulphide and fracture filling vein from 661.85 to 662, semi-massive po and py with fractur filling of cp (30% sulphides).										
			A461724	634	635	1			6	
			A461725	635	636	1			6	
			A461726	636	637	1			25	
			A461727	637	638	1			<5	
			A461728	638	639	1			<5	
			A461729	639	640	1			18	
			A461730	640	641	1			5	
			A461731	641	642	1			20	
			A461732	642	643	1			<5	
			A461733	643	644	1			<5	
			A461734	644	645	1			<5	

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			A461735	645	646	1			<5	
			A461736	646	647	1			<5	
			A461737	647	648	1			17	
			A461738	648	649	1			<5	
			A461739	649	650	1			<5	
			A461740	650	651	1			7	
			A461741	651	652	1			5	
			A461742	655	656	1			<5	
			A461743	659	660	1			<5	
			A461744	661	662	1			5	Local strong replacement sulphide : fracture filling vein from 661.85 to 662, semi-massive po and py with fractur filling of cp (30% sulphides)
			A461745	662	663	1			83	Local strong replacement sulphide : fracture filling vein from 661.85 to 662, semi-massive po and py with fractur filling of cp (30% sulphides)
			A461746	663	664	1			<5	
			A461747	664	665	1			<5	
665.00	666.00	(E0B I3S) Komatiitic basalt Feldspar porphyry, (FOL) Foliated	A461748	665	666	1			<5	
Light green komatiite dyke fg with 30% feldspar porphyry dyke. komat dyke is foliated, FP dyke is not. Cnt dykes to Massive Ultramafics										
666.00	681.00	(I0C) Peridotite , (BRX) Brecciated	A461751	666	667	1			19	
Massive dark greyish black Periodite moderate to strongly brecciated with calcite rich matrix. Strongly Magnetitic throughout. Brecciation weakening near the end of unit. Moderate serpentine growth marginal to cnts with lamp dykes for 0.5 to 2m. small komatiitic dyke on cnt along with biotitie schists with lamp dykes. Also cut by salt and peppy looking cacite rich veins (black and white) iregular shape (fizzes strongly).										
			A461752	667	668	1			39	
			A461753	668	669	1			21	
			A461754	670	671	1			27	
			A461755	671	672	1			38	
			A461756	675	676	1			11	
			A461757	676	677	1			19	
			A461758	680	681	1			22	
675.90	676.50	(I0E) Lamprophyre								
Massive lamp dyke with biotitie clots not foliated. Upper cnt @35tca. Lower cnt @35tca.										
681.00	685.93	(I0C) Peridotite , (ALT) Altered	A461759	681	682	1			19	
Altered Peridotite with moderate to strong serpentine and thin veins of hemotitie. because its close to lamp dyke. komatiite and biotitie schist on cnt with lamp dyke. Minorly talcose sections. moderatly magnetitic, losing mag near cnts with lamp dyke.										
			A461760	682	683	1			11	
			A461761	683	684	1			28	
			A461762	684	685	1			22	

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683.20 - 684.25		(I0E) Lamprophyre								
Massive Lamp dyke with moderate biotite clots. No foliation. Upper cnt @60tca. Lower cnt @35tca.										
685.93	713.15	(I0C) Peridotite , (MAS) Massive	A461763	687	688	1			55	
Dark greyish blue Peridotite, strongly magnetitic throughout. Brecciation and calcite matrix much weaker (5-10% of unit). Still cut by local salt and peppy texture calcite rich veins 0.5 to 10cm wide irregular shape. Local sections of increased reddish/orange serpentine.										
			A461764	691	692	1			38	
			A461765	694	695	1			33	
			A461766	698	699	1			39	
			A461767	702	703	1			114	
			A461768	706	707	1			27	
			A461769	710	711	1			22	
713.15	718.10	(I0C) Peridotite , (FOL) Foliated	A461770	713	714	1			20	
dark greenish grey Peridotite with increase serpentine and a strong foliation fabric @50tca throughout. Fairly sharp cnt to start of foliated ultramafics still strongly magnetic. Local white inclusion with a gradational cnt from 717.6 to 717.8 non magnetitic.										
			A461771	714	715	1			57	
			A461772	715	716	1			48	
			A461773	716	717	1			26	
			A461774	717	718	1			35	
718.10	728.50	(E1) Mafic Volc , (BAN) Banded	A461775	718	719	1			77	
Strongly foliated banded Mafic Volcanics with bands of biotite, feldspar and amph @50tca. biotite is mg-cg. Small local fault from 718.7 to 718.8. very slick jnting. @75-80tca. Several skarn veins ranging 0.5cm to 20cm mostly small 3% of unit (qtz carb diopside with amph margins, very minor/trace sulphides po). Larger open fault with minor gouge within from 723.0 to 723.4 very slick jnting maginal. Fault @70tca.										
			A461776	719	720	1			9	
			A461777	720	721	1			17	
			A461778	721	722	1			29	
			A461779	722	723	1			<5	
			A461780	723	724	1			14	
			A461781	724	725	1			17	
			A461782	725	726	1			8	
			A461783	726	727	1			10	
			A461784	727	728	1			6	
			A461785	728	729	1			<5	
719.80 - 720.22		(V8) Skarn vein								
Skarn vein at same angle as foliation @50tca.										
728.50	738.10	(I1A) Gabbro , (MAS) Massive	A461785	728	729	1			<5	
Medium green grey Massive gabbro intrusion with 2 minor local skarn veins 3-5cm wide. Minor/trace po blebs scatted throughout. Non magnetitic, no foliation fabric.										
			A461786	729	730	1			<5	
			A461787	733	734	1			<5	
			A461788	736	737	1			<5	
			A461789	737	738	1			<5	

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-201
Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
738.10	744.00	(E1) Mafic Volc , (BAN) Banded	A461790	738	739	1			<5	
		Banded Mafic Volcanics with bands of silica, amph, and brown biotite 1-3mm. Banding @55tca. Qtz and calcite bands/veining cutting at same angle as foliation banding. Local large white qtz vein from 738.62 to 738.85. Local relic pillows rims strongly deformed.	A461791	739	740	1			11	
			A461792	740	741	1			<5	
			A461793	741	742	1			<5	
			A461794	742	743	1			7	
			A461795	743	744	1			<5	
744.00	762.40	(I1 E1) Mafic Intrusive Mafic Volc, (FOL) Foliated	A461796	744	745	1			<5	
		Foliated Mafic intrusion fairly massive with minor fresh looking calcite veins cutting irregularly. Inclusions of Mafic volcanics with weak banding from 0.3 to 1.5m foliation banding @50tca mostly. one local inclusion @70tca. All non-magnetic	A461797	747	748	1			<5	
			A461798	748	749	1			<5	
			A461801	749	750	1			<5	
			A461802	750	751	1			<5	
			A461803	751	752	1			<5	
			A461804	752	753	1			<5	
			A461805	753	754	1			<5	
			A461806	754	755	1			<5	
			A461807	755	756	1			<5	
			A461808	756	757	1			<5	
			A461809	757	758	1			<5	
			A461810	758	759	1			<5	
			A461811	759	760	1			<5	
			A461812	760	761	1			8	
			A461813	761	762	1			<5	
756.70	757.55	(I1) Mafic Intrusive								
		Non-foliated mafic intrusion dark brownish grey. massive. with minor feldspar phenos.								
759.42	760.28	(I1A) Gabbro								
		Non-foliated Gabbro dyke, massive greenish colour.								
762.40	767.30	(I1A) Gabbro , ()	A461814	762	763	1			<5	
		FG-MG gabbroic intrusive. Lower cnt conentration of biotite, calcite, and amph cant to Ultramafic. Intermix upper cnt from E1 to gabbro	A461815	763	764	1			<5	
767.30	772.50	(I0C) Peridotite , (GS0) Aphanitic	A461816	767	768	1			133	
		fg light green serpentine rich ultramafic intrusive with moderate talc. weakly magnetitic. Contact zone halo. Increasing is mag intensity with depth.	A461817	769	770	1			<5	
772.50	779.00	(I0C) Peridotite , (ALT) Altered	A461818	775	776	1			21	

Goldcorp Inc.
Geological Description with Assays

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<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
		dark bluish Ultramafic intrusion with decrease in serpentine and increase in magnetite. with dark black blebs 4-6mm and magnetite veining 5% of unit. Local intrusion of lamp dyke with alteration halos and biotite schist near cnts.	A461819	776	777	1			14	
775.60	776.70	(IOE) Lamprophyre								
		Lamp dyke with biotite clots and cg biotite carbonate (calcite) veins. Sharp cnts with biotite schist marginal								
779.00	781.00	(IOC) Peridotite , (GS1) Fine Grained	A461820	780	781	1			6	
		Greenish dark grey ultramafics with increase talc and serpentine, still strongly magnetitic. some what distinguishable cnts.								
781.00	795.05	(IOC) Peridotite , (ALT) Altered	A461821	784	785	1			<5	
		Dark bluish ultramafic intrusion with strong magnetite veining and blebs. Serpentinite. Local intrusion of light greenish grey ultramafic with increase serpentine and talc from 791.8 to 793.25.	A461822	788	789	1			<5	
			A461823	792	793	1			15	
795.05	806.95	(IOC) Peridotite , (ALT) Altered	A461824	795	796	1			15	
		lighter grey with an orangish tinge Ultramafic intrusion moderately fibrous. Almost a salt and peppery texture. Decrease in magnetitics.	A461825	798	799	1			203	
			A461826	801	802	1			<5	
			A461827	805	806	1			<5	
806.95	812.65	(EOB) Komatiitic basalt , ()	A461828	808	809	1			<5	
		Fg Komatiitic light green massive, very weakly magnetitic to no mag. Local section of strongly concentrated cg biotite at 810.85. Weaker rock compitancy moderately jnted and fractured.	A461829	810	811	1			76	
			A461830	811	812	1			11	
812.65	846.00	(IOC) Peridotite , (ALT) Altered	A461831	815	816	1			11	
		Dark bluish ultramafic intrusion with strong magnetite and moderate veining and blebs moderate serpentine. Serpentinite. Altered but does not show much deformation.	A461832	819	820	1			20	
			A461833	823	824	1			<5	
			A461834	827	828	1			<5	
			A461835	831	832	1			<5	
			A461836	836	837	1			<5	
			A461837	841	842	1			<5	
			A461838	845	846	1			7	
846.00	853.40	(IOB) Pyroxenite , (MAS) Massive	A461839	849	850	1			7	
		More massive ultramafic intrusive with a weak salt and peppery texture dark grey with white feldspars? Alteration halos at margins light greyish with disseminate calcite. Still moderately magnetitic throughout.								

Goldcorp Inc.

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From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
853.40	875.15	(I0C) Peridotite , (ALT) Altered	A461840	853	854	1			<5	
		Dark bluish ultramafic intrusion with strong magnetite and moderate veining and blebs moderate serpentine. Serpentinite. Altered but does not show much deformation. Local fault at 866.5m. moderate jnting and fracturing with very minor gouge @75tca.	A461841	858	859	1			<5	
			A461842	862	863	1			<5	
			A461843	866	867	1			<5	
			A461844	867	868	1			<5	
			A461845	871	872	1			<5	
			A461846	875	876	1			<5	
875.15	919.00	(I0B) Pyroxenite , (ALT) Altered	A461847	880	881	1			<5	
		Lighter greyish white, more massive with little to no black magnetite veining. Still strongly magnetitic throughout. More Plag rich?? Local sections massive and dark blue ultramafic for 0.5-1m. Local small komatiite from 880.0m to 880.3m.	A461848	884	885	1			<5	
			A461851	888	889	1			<5	
			A461852	893	894	1			<5	
			A461853	897	898	1			<5	
			A461854	902	903	1			<5	
			A461855	906	907	1			<5	
			A461856	911	912	1			8	
			A461857	914	915	1			<5	
			A461858	918	919	1			12	
			A461859	923	924	1			6	
			A461860	927	928	1			<5	
919.00	1004.20		(I0C) Peridotite , (ALT) Altered	A461861	931	932	1			5
		Dark bluish ultramafic intrusion with moderate magnetite and moderate veining and blebs moderate serpentine alteration. Serpentinite. Altered but does not show much deformation. Weakly talcose. Little to no carbonates. two local fg gabbro dykes jsut above large open fault. Open fault from 1001.1 to 1004.	A461862	935	936	1			<5	
			A461863	940	941	1			<5	
			A461864	944	945	1			<5	
			A461865	949	950	1			5	
			A461866	953	954	1			<5	
			A461867	957	958	1			<5	
			A461868	962	963	1			9	
			A461869	966	967	1			<5	
			A461870	971	972	1			<5	
			A461871	975	976	1			<5	
			A461872	979	980	1			<5	
			A461873	984	985	1			<5	
			A461874	988	989	1			<5	
			A461875	991	992	1			13	

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-201
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From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
			A461876	992	993	1			5	
			A461877	998	999	1			<5	
			A461878	1000	1001	1			<5	
			A461879	1001	1002	1			7	
			A461880	1002	1003	1			22	
			A461881	1003	1004	1			18	
991.40	- 992.30	(I1A) Gabbro								
Dark green gabbro dyke fg massive with small 2cm biotitie schist cnts. non magnetitic.										
998.80	- 1000.15	(I1A) Gabbro								
FG massive dark green gabbro dyke with faded cnts no biotitie schist. non magnetitic										
1004.20	1035.35	(I0C) Peridotite , (ALT) Altered	A461882	1004	1005	1			5	
Dark to medium blusih ultramafic intrusion with moderate magnetite and serpentine alteration. Serpentinite. Magnetitic throughout. has a weak foliation fabric ranging from 45 to 65tca. Smaller open fault from 1024.5 to 1025.1 with gouge between joints and fractures moderately broken up. En dof unit becoming for dark blackish colour.										
			A461883	1005	1006	1			11	
			A461884	1009	1010	1			15	
			A461885	1013	1014	1			13	
			A461886	1018	1019	1			21	
			A461887	1022	1023	1			<5	
			A461888	1023	1024	1			9	
			A461889	1024	1025	1			8	
			A461890	1025	1026	1			6	
			A461891	1026	1027	1			5	
			A461892	1030	1031	1			<5	
1035.35	1040.60	(I0C) Peridotite , (SHD) Sheared / highly strained	A461893	1035	1036	1			6	
Non magnetitic section with strong jnting, fracturing and shearing. Ultramafic rock, little to no silica with strong to moderate serpentine, some fiberous. orange tinge. Local sections 20-30cm of thin biotitie banding. fault running throughout this section from 1038.0 to 1038.35m.										
			A461894	1036	1037	1			<5	
			A461895	1037	1038	1			8	
			A461896	1038	1039	1			<5	
			A461897	1039	1040	1			<5	
			A461898	1040	1041	1			<5	
1040.60	1064.50	(I0C) Peridotite , (ALT) Altered	A461901	1044	1045	1			12	
Dark blackish blue altered peridoite, now serpentinite. strongly magnetitie (strongly magnetitic throughout.fairly massive with 2 dykes cutting. No carbonates throughout.										
			A461902	1045	1046	1			8	
			A461903	1052	1053	1			18	
			A461904	1056	1057	1			8	
			A461905	1063	1064	1			17	
			A461906	1064	1065	1			203	E.O.H. and end of sampling

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-201
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<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
1045.05 - 1045.50		(I3S) Feldspar porphyry								
Fragmental Feldspar porphyry dyke with biotite schist cnt margins and strong biotite wrapping fragments.										
1049.97 - 1050.70		(E0B) Komatiitic basalt								
Light green komatiitic dyke?? massive vfg. gradational upper cnt. sharp lower cnt @ 70tca.										
1064.50	1065.00	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461906	1064	1065	1			203	E.O.H. and end of sampling
dark reddish black/ grey Sheared feldspar porphyry dyke still has some feldspar phenocryst. E.O.H at 1065m hole ending in FP dyke.										

	CHECKID	DUPLICATE NO	SAMPLEID	STANDARDID	Au_FA_AA ppb_DSC	Au_FA_AA ppb	Au_FA_AA_ppb_LABJOBNO	Sample_Comments
1	A461199	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		686	200941661	
2	A461200	STD	RL-09-201_COLI_LAKE	Blank	<	5	200941661	
3	A461249	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		725	200941661	
4	A461250	STD	RL-09-201_COLI_LAKE	Blank		11	200941661	
5	A461299	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		746	200941675	
6	A461300	STD	RL-09-201_COLI_LAKE	Blank	<	5	200941675	
7	A461349	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		739	200941675	
8	A461350	STD	RL-09-201_COLI_LAKE	Blank		41	200941675	
9	A461399	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		656	200941729	
10	A461400	STD	RL-09-201_COLI_LAKE	Blank	<	5	200941729	
11	A461449	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		677	200941729	
12	A461450	STD	RL-09-201_COLI_LAKE	Blank	<	5	200941729	
13	A461499	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		758	200941729	
14	A461500	STD	RL-09-201_COLI_LAKE	Blank	<	5	200941729	
15	A461549	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		656	200941729	
16	A461550	STD	RL-09-201_COLI_LAKE	Blank	<	5	200941729	
17	A461599	STD	RL-09-201_COLI_LAKE	CDN-GS-7A		6734	200941756	
18	A461600	STD	RL-09-201_COLI_LAKE	Blank		6	200941756	
19	A461649	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		726	200941807	
20	A461650	STD	RL-09-201_COLI_LAKE	Blank		5	200941807	
21	A461699	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		802	200941807	
22	A461700	STD	RL-09-201_COLI_LAKE	Blank	<	5	200941807	
23	A461749	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		1001	200941846	
24	A461750	STD	RL-09-201_COLI_LAKE	Blank	<	5	200941846	
25	A461799	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		768	200941846	
26	A461800	STD	RL-09-201_COLI_LAKE	Blank	<	5	200941846	
27	A461849	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		713	200941857	
28	A461850	STD	RL-09-201_COLI_LAKE	Blank		6	200941857	
29	A461899	STD	RL-09-201_COLI_LAKE	CDN-CGS-19		637	200941896	
30	A461900	STD	RL-09-201_COLI_LAKE	Blank	<	5	200941896	
	*							

Goldcorp Inc.
Diamond Drill Hole Report

Hole ID : RL-09-202
Project : COLI_LAKE
Prospect : SIDACE LK

<u>Drilling</u>	<u>Casing</u>	<u>Location</u>	<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	<u>Other</u>
Azimuth: 90.00	Length:	Township: COLI LAKE AREA	East: 462003.00	East:	Contractor: HY-TECH DRILLING
Dip: -55.00	Pulled:	Claim No: 1210390	North: 5679902.00	North:	Spotted By:
Length: 447.28 m	Capped:		Elevation: 414.00	Elevation:	Surveyed By:
Started: 13-Jul-2009	Cemented: N	NTS: 52N/05	UTM Grid: NAD27_Z15	Local Grid:	Surveyed Date:
Completed: 17-Jul-2009		Surface Hole: Yes	Survey Type: handheld GPS		Logged By: Howes, Ben
Logged: 26-Jul-2009		Level: Surface			Logged By 2:
	Core				Re-logged By:
	Dimension: NQ		Coordinate - UTM	Coordinate - Local	Water Source:
Target: Skarn Zone	Storage: Cochenour Mine		East: 462003.00	East:	Left in Hole: Nothing
			North: 5679902.00	North:	
			Elevation: 414.00	Elevation:	
			UTM Grid: NAD27_Z15	Local Grid:	
			Survey Type: estimated coords		

Comments: First Skarn zone hole for 2009 summer drilling. Hole starts at 19.57m and goes to 447.28m. Hole stopped in good ground.

<u>Deviation Tests</u>				<u>Deviation Tests</u>			
<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Distance (m)</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>
0.00	90.00	-55.00	PROPOSED	360.00	96.70	-51.60	Reflex
27.00	88.10	-57.40	Reflex	390.00	98.20	-51.00	Reflex
57.00	88.60	-57.10	Reflex	420.00	99.00	-50.80	Reflex
90.00	89.60	-56.40	Reflex	447.28	345.00	-50.50	Reflex
120.00	99.90	-55.70	Reflex				
150.00	93.40	-55.40	Reflex				
180.00	94.70	-55.20	Reflex				
210.00	96.60	-54.60	Reflex				
240.00	97.00	-54.10	Reflex				
270.00	97.00	-53.40	Reflex				
300.00	108.00	-52.80	Reflex				
330.00	96.20	-52.10	Reflex				

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0.00	19.18	(CS) casing (no recovery) , () Overburden								
19.18	20.13	(E1) Mafic Volc , (FOL) Foliated Mafic Volcanics foliated moderately amphibolitic with minor cg garnet growths <1%. Weak foliation @40tca.								
20.13	21.00	(I1A) Gabbro , (GS1) Fine Grained FG massive gabbro dyke dark green. Local fault with gouge at upper cnt. Fault @25tca 2cm of gouge								
21.00	31.00	(E1) Mafic Volc , (FOL) Foliated Mafic Volcanic with a weak semi-laminated foliation fabric. Minor cg garnet growths. 1% irregular carbonate veining.moderately biotitic banding and amphibole. Foliation @35-45tca	A466986	30	31	1			66	
31.00	50.50	(E1) Mafic Volc , (FOL) Foliated Mafic Volcanics all moderately foliated some sections weakly banded. Light green amphibole and possibly diopside veined and banded but irregular/poorly. Moderately biotitic. Unit is a light to medium grey with bright green brecciated texture matrix (probably diopside altered carb veins with blebs of po/py within. 2-3% light green carb diopside veining. Local large brcciated coliform carb vein with amphibolitic margins from 33.12 to 33.35. Start of sulphide mineralization mostly py/po blebs with massive veins of po with py blebs within. 2.5cm po vein at 32.8. Local fault with 5cm of gouge at 44.0m @30tca	A466987	31	32	1			102	2-3% dissem sulph
			A466988	32	33	1			129	massive po vein with py blebs 2.5cr
			A466989	33	34	1			84	Large breccia coli carb with diopside vein 20cm
			A466990	34	35	1			75	large carb diopside vein
			A466991	35	36	1			83	calcite and skar veins with po blebs within
			A466992	36	37	1			333	
			A466993	37	38	1			85	
			A466994	38	39	1			62	
			A466995	39	40	1			118	
			A466996	40	41	1			80	
			A466997	41	42	1			144	1% sulph dissem
			A466998	42	43	1			121	2% sulph dissem
			A467001	43	44	1			251	2% sulph dissem
			A467002	44	45	1			76	fault with gouge
			A467003	45	46	1			65	20cm bright green vein qtz diopside
			A467004	46	47	1			125	
			A467005	47	48	1			28	
			A467006	48	49	1			130	
			A467007	49	50	1			101	
			A467008	50	51	1			227	5-8% sulphide veins of po/py

Goldcorp Inc.

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Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
50.50	62.35	(E1) Mafic Volc , (ALT) Altered	A467008	50	51	1			227	5-8% sulphide veins of po/py
		Mafic Volcanic with increaseing alumious alteration increaesing with depth, occuring as garnet banding 5-10% of unit. Minor patches of py and po veinlettes /bands 1% of unit. Foliation @45tca.	A467009	51	52	1			66	
			A467010	52	53	1			79	
			A467011	53	54	1			151	
			A467012	54	55	1			134	
			A467013	55	56	1			350	
			A467014	56	57	1			148	
			A467015	57	58	1			185	
			A467016	58	59	1			61	
			A467017	59	60	1			89	
			A467018	60	61	1			75	
			A467019	61	62	1			298	
62.35	63.33	(I1A) Gabbro , (FOL) Foliated	A467020	62	63	1			182	
		Massive folaited gabbro dyke @45tca. sharp cnts								
63.33	69.60	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467021	63	64	1			101	
		Sheared light grey feldspar porphyry no biotitie. Shearong @45tca. Minor planar qtz veining. Unit is not siliithified. with 25% inclusions/intrusions fg massive mafic dykes, and a large skarn vein.	A467022	64	65	1			258	
			A467023	65	66	1			180	
			A467024	66	67	1			83	
			A467025	67	68	1			112	
			A467026	68	69	1			75	
			A467027	69	70	1			206	
64.29	65.35	(V8) Skarn vein								
		Skarn vein with first have diopside alteratefd bands of biotitie and po/py 10% sulphides and fragemtns of brecciated coliform carb. last half is mostly a coliform carb with inclusion of mafic volcanics.								
69.60	85.81	(E1) Mafic Volc , (BAN) Banded	A467028	70	71	1			80	
		Weakly to moderately banded mafic volcanics blackish brown and green, failry amphibolitic. with minor veining of po/py 1% of unit. Minor skarn veining 2% of unit with po blebs/disseminated within.	A467029	71	72	1			64	
			A467030	72	73	1			91	
			A467031	73	74	1			35	
			A467032	74	75	1			51	
			A467033	75	76	1			54	
			A467034	76	77	1			23	
			A467035	77	78	1			34	

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Project : COLI_LAKE
Prospect : SIDACE LK

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			A467036	78	79	1			32	
			A467037	79	80	1			9	
			A467038	80	81	1			8	
			A467039	81	82	1			24	
			A467040	82	83	1			7	
			A467041	83	84	1			199	
			A467042	84	85	1			82	
			A467043	85	86	1			59	
78.10	- 78.28	(V8) Skarn vein								
		Skarn Vein qtz carb diopside, lots of diopside parting within with trace po.								
85.81	91.50	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467044	86	87	1			95	
		light grey Shear Feldspar Porphyry with moderate patchy sericite alteration. Shearing @50tca. With late qtz veining 0.5-2.5cm some with amphiblitic margins and po blebs 3% of unit. Most of phenocrysts sheared out 80%.	A467045	87	88	1			12	
			A467046	88	89	1			12	
			A467047	89	90	1			6	
			A467048	90	91	1			18	
			A467051	91	92	1			103	
91.50	97.90	(E1) Mafic Volc , (ALT) Altered	A467051	91	92	1			103	
		Altered weakly foliated more massive Mafic Volcanic. Faint banding with bands of garnets 4-5% of unit.	A467052	92	93	1			153	
			A467053	93	94	1			246	
			A467054	94	95	1			297	
			A467055	95	96	1			2588	
			A467056	96	97	1			284	
			A467057	97	98	1			555	
97.90	103.60	(E1) Mafic Volc , (BAN) Banded	A467058	98	99	1			205	
		weak to moderatley banded Mafic Volcanics more biotitic with local 10-15cm bands of dark green amphibole rich possibly gabbroic intrusions. Minor localizaed patches of mg ganet bands. 2% qtz carb bands/veins	A467059	99	100	1			482	
			A467060	100	101	1			270	
			A467061	101	102	1			298	
			A467062	102	103	1			548	
			A467063	103	104	1			725	
103.60	105.54	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467064	104	105	1			347	
		light grey Shear Feldspar Porphyry with moderate patchy sericite alteration. Shearing @50tca. most of porphyrys sheared out. Minor thin qtz carb diopside veins 1-2%.	A467065	105	106	1			66	

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105.54	106.60	(E1) Mafic Volc , (BAN) Banded Band Mafic volcanics with minor localized patches of garnetiferous banding. Moderat veinlettes of po 2-3% of unit. Banded biotite and feldspar.	A467066	106	107	1			465	
106.60	108.80	(I3S) Feldspar porphyry , () Strongly sheared Feldspar porphyry with moderate patchy sericite alteration. Shearing @50tca. most of porphyrys sheared out.	A467067	107	108	1			234	
			A467068	108	109	1			471	
108.80	129.42	(E1) Mafic Volc , (BAN) Banded Banded Mafic Volcanics with minor localized patches of garnetiferous banding. Moderat veinlettes/disseminated po 2-3% of unit. Banded biotite and feldspar.	A467069	109	110	1			599	0.5 sulph
			A467070	110	111	1			379	
			A467071	111	112	1			806	
			A467072	112	113	1			341	2% disseminated po/py
			A467073	113	114	1			243	1% dissem sulph
			A467074	114	115	1			242	
			A467075	115	116	1			57	1% diss sulph
			A467076	116	117	1			415	1% diss sulph
			A467077	117	118	1			47	1% diss sulph
			A467078	118	119	1			269	8-10% diss sulph
			A467079	119	120	1			562	
			A467080	120	121	1			574	
			A467081	121	122	1			857	3-4% diss /banded sulph
			A467082	122	123	1			2478	4-5% diss/banded sulph
			A467083	123	124	1			964	4-5% diss bande sulph and 5cm sk vein
			A467084	124	125	1			303	2% diss sulph with 2.5cm skarn vein with po
			A467085	125	126	1			496	
			A467086	126	127	1			275	
			A467087	127	128	1			226	
			A467088	128	129	1			416	c15cm carbonate vein with 5-10% s
129.42	131.85	(E2) Intermediate Volc , (FOL) Foliated Foliated Intermediate Volcanics with faint qtz veins with amphibole margins 5% of unit Lower cnt with 10cm of biotite schist diffused cnt.	A467089	129	130	1			166	2% diss/ vein sulph
			A467090	130	131	1			112	
			A467091	131	132	1			84	
131.85	136.20	(I1A) Gabbro , (SHD) Sheared / highly strained	A467092	132	133	1			104	

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		Moderately Shear CG gabbro dyke with patches of schistose biotite mostly marginal to late qtz veins 4% qtz veins. Local section of py veinettes for 0.5 of meter at 133m. Shearing out course grained massive in lenses.	A467093	133	134	1			153	
			A467094	134	135	1			62	
			A467095	135	136	1			107	
136.20	140.40	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467096	136	137	1			271	
		Strongly sheared Feldspar porphyry with moderate patchy sericite alteration. Shearing @50tca. most of porphyrys sheared out. Carb diopside veining 0.5-1cm most planar. Local carb diopside vein 15cm with 5% py blebs within. Local inclusion banded mafic volcanics from 139.25 to 140.0	A467097	137	138	1			253	
			A467098	138	139	1			133	
			A467101	139	140	1			93	
140.40	148.00	(I1A) Gabbro , (FOL) Foliated	A467102	140	141	1			79	
		Foliated Gabbro dyke fairly massive throughout with minor thin calcite veins <1%. 20cm of schistose biotite at lower cnt.	A467103	143	144	1			8	
148.00	154.36	(E1) Mafic Volc , (BAN) Banded	A467104	148	149	1			215	
		Weakly banded Mafic Volcanics. dark dull grey/green vfg. More amphibole rich mafic volcanics. Minor thin bands of calcite. 5% inclusion feldspar porphyry. First at upper cnt 10cm chunky fp dyke. Second 30cm altered felsic dyke strongly sericitic with an orange stained halo around fractures also with very minor scattered grains of what looks like sheelite.	A467105	150	151	1			8	
			A467106	151	152	1			21	
			A467107	152	153	1			17	
			A467108	153	154	1			102	
154.36	162.90	(I3S E1) Feldspar porphyry Mafic Volc, (SHD) Sheared / highly strained	A467109	154	155	1			159	
		Sheared Feldspar Porphyry with most of phenocrysts sheared out, moderately sericitic. 30% of unit is Banded Mafic Volcanic inclusions strongly biotitic with patches of brown biotite. Both with planar qtz carb diopside veining 0.5-1cm. Shearing and foliation banding @50tca. 2 Local felsic intrusives dykes strongly sericitic with an orange stained halo around fractures also with very minor scattered grains of what looks like sheelite, sharp irregular contacts.	A467110	155	156	1			42	
			A467111	156	157	1			88	
			A467112	157	158	1			25	
			A467113	158	159	1			12	
			A467114	159	160	1			9	
			A467115	160	161	1			28	
			A467116	161	162	1			54	
			A467117	162	163	1			50	
162.90	174.06	(I1A I3) Gabbro Felsic Intrusive, (FOL) Foliated	A467118	163	164	1			13	
		Strongly Foliated Gabbro with faded calcite scarring. Foliation @50tca. Gabbro has several types of felsic dykes. At upper cnt a 50cm QFP ykewith sharp planar cnts and a biotite fabric. Several inclusions of sheared feldspar porphyry from 2cm to 35cm. And also one local felsic intrusives dykes strongly sericitic with an orange stained halo around fractures also with very minor scattered grains of what looks like sheelite, sharp irregular contacts.	A467119	164	165	1			5	
			A467120	165	166	1			49	
			A467121	166	167	1			26	
			A467122	167	168	1			25	
			A467123	168	169	1			17	
			A467124	169	170	1			5	

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			A467125	170	171	1			30	
			A467126	171	172	1			36	
			A467127	172	173	1			23	
			A467128	173	174	1			41	
174.06	174.50	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467129	174	175	1			11	
Sheared Feldspar Porphyry with no phenocrysts, weakly sericitic. Local skarn vein within 17cm with qtz coliform carb and diopside with amph margins										
174.50	175.53	(I3S I1A) Feldspar porphyry Gabbro, (ALT) Altered	A467129	174	175	1			11	
Altered more chunky feldspar porphyry but still an ealier FP intrusive. With orange stained halos marginal to fracturing. Also with 30cm inclusion of foliated gabbro.										
			A467130	175	176	1			15	
175.53	180.47	(I1A) Gabbro , (SHD) Sheared / highly strained	A467131	176	177	1			92	
Moderately Sheared MG Gabbro with strong shearing lenses where all the cg has been recrystalized. Patch banding of brown biotitie 10% of unit.										
			A467132	177	178	1			549	
			A467133	178	179	1			120	
			A467134	179	180	1			3959	
180.47	183.34	(E1) Mafic Volc , (ALT) Altered	A467135	180	181	1			149	
Mafic Volcanics with several alterations stronger banded actinolite for the first 1.5m than increase in sericite alteration and patches of garnet banding. Unit has foliation banding @50tca. Section cut by multiple qtz veins 1-10cm. Actinolitic qtz.										
			A467136	181	182	1			108	
			A467137	182	183	1			128	
183.34	184.93	(I1A) Gabbro , (FOL) Foliated	A467138	183	184	1			184	
Strongly foliated gabbro with some patchy sections of moderate actinolite (liughtgreen colour). Local 2.5cm skarn vein qtz carb diopside at 183.7m. Foliation @55tca.										
			A467139	184	185	1			199	
184.93	198.75	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467140	185	186	1			129	
Sheared Feldspar Porphyry, beginning of unit sharpening off more porphyritic and siliceous but becoming more sericitic with depth and most of the feldspar phenos being sheared out. Shearing @50tca. but by 2% planar boudinaged clear qtz veins. Also cut by irregular thin skarn veins 2%. Minor patches of orange strained alteration halos marginal to fractures.										
			A467141	186	187	1			98	
			A467142	187	188	1			107	
			A467143	188	189	1			98	
			A467144	189	190	1			70	
			A467145	190	191	1			52	
			A467146	191	192	1			12	
			A467147	192	193	1			100	
			A467148	193	194	1			29	
			A467151	194	195	1			14	
			A467152	195	196	1			13	

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			A467153	196	197	1			7	
			A467154	197	198	1			12	
			A467155	198	199	1			284	
198.75	199.98	(E1) Mafic Volc , (ALT) Altered	A467156	199	200	1			468	
		Altered mafic volcanics with a weak foliation banding. Patches of strong schistose biotite bands minor scattered garnet growths and feldspar and minor qtz bands.								
199.98	207.69	(I1A) Gabbro , (MAS) Massive	A467157	200	201	1			20	
		Fairly Massive Gabbro dark green with patches of schistose biotite and a weak foliation fabric. Local veinlets of py <1% of unit. Last 3m increased banded biotite. Local inclusion of chunky fp dyke with a biotite fabric from 205.85 to 206.23								
			A467158	201	202	1			19	
			A467159	202	203	1			7	
			A467160	203	204	1			9	
			A467161	204	205	1			44	
			A467162	205	206	1			292	
			A467163	206	207	1			104	
			A467164	207	208	1			22	
207.69	209.60	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467165	208	209	1			5	
		Sheared Feldspar porphyry light grey. Shearing @50tca, 90% of phenos sheared out. First 45cm of unit with very strong orange strained alteration halos marginal to fractures.								
			A467166	209	210	1			15	
209.60	217.85	(I1A) Gabbro , (FOL) Foliated	A467167	210	211	1			12	
		Weakly foliated Gabbro dark green with patch of strong schistose black biotite 15% of unit. Foliation @50tca. increasing in grain size with depth from vfg to cg.								
			A467168	211	212	1			11	
			A467169	212	213	1			6	
			A467170	213	214	1			12	
			A467171	214	215	1			20	
			A467172	215	216	1			11	
			A467173	216	217	1			11	
			A467174	217	218	1			12	
217.85	227.74	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467175	218	219	1			15	
		Light grey Sheared feldspar Porphyry with less sheared out phenos then last FP 60% sheared out porphs. Minor planar boudinaged clear qtz veining 0.25-0.5cm. Minor patches of orange straining alteration halos marginal to fractures. Patches sericitic sections. Local intrusion of weakly foliated dark green Gabbro dyke. from 219.8 to 220.75m								
			A467176	219	220	1			22	
			A467177	220	221	1			8	
			A467178	221	222	1			19	
			A467179	222	223	1			45	
			A467180	223	224	1			6	
			A467181	224	225	1			7	

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			A467182	225	226	1			33	
			A467183	226	227	1			<5	
			A467184	227	228	1			27	
227.74	228.40	(E1) Mafic Volc , (BAN) Banded								
Dull medium grey Banded Mafic Volcanics @55tca. Minor thin qtz, carb diopside veining planar 2% of unit.										
228.40	234.70	(I3S) Feldspar porphyry , (BAN) Banded	A467185	228	229	1			24	
Banded Feldspar Porphyry Banding at 60tca. Minor feldspar porphyry, most sheared out. Strongly sericitic altered patches as well as moderately micoschise. Fairly thin banding 0.1 to 0.5cm. Minor 1-2cm planar white qtz veins 1-2% of unit. Local skarn vein with blebs of vfg aspy band, magnetic vein from 233.1 to 233.25.										
			A467186	229	230	1			48	
			A467187	230	231	1			12	
			A467188	231	232	1			29	
			A467189	232	233	1			20	15cm skarn vein with a band of asp magentic
			A467190	233	234	1			22	
			A467191	234	235	1			3367	
234.70	236.35	(E1) Mafic Volc , (BAN) Banded	A467192	235	236	1			30	
Laminated Banding of Mafic Volcanics strongly biotitic with very minor cg garnet and andylusite growths.										
236.35	252.95	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467193	236	237	1			20	
Light grey Sheared and altered Feldspar Porphyry. Shearing @50tca. Strongly sericitic altered patches as well as moderately micoschise. Local patches of bleaching marginal to fractured sections 10% of unit. Minor thin skarn veining (qtz carb diopside with minor po blebs within and amph margins <1% of unit. Trace blebs of py scattered throughout <1%.										
			A467194	237	238	1			11	
			A467195	238	239	1			197	
			A467196	239	240	1			14	
			A467197	240	241	1			17	
			A467198	241	242	1			262	
			A467201	242	243	1			75	
			A467202	243	244	1			22	
			A467203	244	245	1			16	
			A467204	245	246	1			254	
			A467205	246	247	1			10	
			A467206	247	248	1			22	
			A467207	248	249	1			8	
			A467208	249	250	1			20	
			A467209	250	251	1			13	
			A467210	251	252	1			707	2 skarn vein 3cm with disseminate

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										po.py within
252.95	254.97	(I3S) Feldspar porphyry , (ALT) Altered	A467211	252	253	1			22	
			A467212	253	254	1			13	
		Highly altered section of FP dyke?? only 5% of unit has feldspar phenos. Light green colour brecciated with weak patches of silithification. Alteration possibly coming from qtz vein. with strong biotite wrapping brecciated qtz from 253.6 to 254.0m	A467213	254	255	1			14	
254.97	260.31	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467214	255	256	1			17	
		Light grey Banded Sheared and altered Feldspar Porphyry. Shearing @50tca. Strongly sericitic altered patches as well as moderately mioschise. Local patches of bleaching marginal to fractured sections 10% of unit. Trace blebs of py scattered throughout <1%. 70% of feldspar phenos sheared out.	A467215	256	257	1			8	
			A467216	257	258	1			<5	
			A467217	258	259	1			11	
			A467218	259	260	1			11	
260.31	261.87	(E1) Mafic Volc , (ALT) Altered	A467219	260	261	1			1160	
		Altered mafic Volcanics strongly biotitic dark black with cg blocky andylusite alteration with minor mg garnet growths. Moderately foliated @50tca. 2 clear planar 1cm qtz veins @50tca.	A467220	261	262	1			74	
261.87	266.35	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467221	262	263	1			26	30cm skarn vein with qtz calcite and diopside with microcline alteration c margins.
		Light grey Sheared Feldspar Porphyry same as above FP with a 25cm skarn vein with minor microcline alteration on margins at 262.8	A467222	263	264	1			17	
			A467223	264	265	1			26	
			A467224	265	266	1			5	
266.35	274.00	(E1) Mafic Volc , (BAN) Banded	A467225	266	267	1			19	
		Banded Mafic volcanics with varying foliation intensity sections with tight folding. Foliation @45-60tca. Dark brown grey colour to dark green biotite banding to amph. Section of looking very gabbroic with strong foliation.	A467226	267	268	1			10	
			A467227	268	269	1			14	
			A467228	269	270	1			7	
			A467229	270	271	1			9	
			A467230	271	272	1			24	
			A467231	272	273	1			17	
			A467232	273	274	1			6	
274.00	285.40	(E1) Mafic Volc , (ALT) Altered	A467233	274	275	1			17	
		Strongly altered banded Mafic Volcanics. Very strong ganetiferous banding some sections with almost 50% ganet growths. Localized patches of sericite. and Small minor patches of yellow grain growth looks a bit like epidote.	A467234	275	276	1			19	
			A467235	276	277	1			54	

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-202
Project : COLI_LAKE
Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
			A467236	277	278	1			31	
			A467237	278	279	1			34	
			A467238	279	280	1			25	
			A467239	280	281	1			75	
			A467240	281	282	1			21	
			A467241	282	283	1			185	
			A467242	283	284	1			30	
			A467243	284	285	1			608	
285.40	289.45	(I2A) Diorite , (GS1) Fine Grained	A467244	285	286	1			13	
		Failry massive fg grey diorite dyke with alteration and fracturing of upper cnt. Cut by 2% late qtz veins. Lower cnt with a small patch of fuchsite.	A467245	286	287	1			6	
			A467246	287	288	1			<5	
			A467247	288	289	1			8	
289.45	293.00	(I1A) Gabbro , (FOL) Foliated	A467248	289	290	1			67	
		Foliated cg semi-bright green Gabbro. Foliation @50tca with patches of banded schistose biotite 10%.	A467251	290	291	1			28	
			A467252	291	292	1			28	
			A467253	292	293	1			84	
293.00	299.40	(E1) Mafic Volc , (FOL) Foliated	A467254	293	294	1			48	
		Mafic Volcanics foliated and weakly banded dark blackish grey with minor smaller grained garnet bands 3-5% of unit occuring with minor disseminated py and po <1% of unit.	A467255	294	295	1			19	
			A467256	295	296	1			85	
			A467257	296	297	1			65	
			A467258	297	298	1			28	
			A467259	298	299	1			28	
299.40	300.90	(I2A) Diorite , (MAS) Massive	A467260	299	300	1			10	
		Massive FG Diorite Dyke Sharp cnts @55tca.	A467261	300	301	1			17	
300.90	302.30	(E1) Mafic Volc , (BAN) Banded	A467262	301	302	1			12	
		Same as above banded Mafic Volcanic								
302.30	355.05	(I3S C2A) Feldspar porphyry Iron formation - Oxide facies, (SHD) Sheared / highly strained	A467263	302	303	1			199	
		Light grey Feldspar Porphyry with weaker shearing @45-50tca. Most of the unit is still fairly porphyritic 70%. Cut by 2% clear planar 0.5-1.5cm qtz veins roughly @ 50-55tca mostly with foliation shearing with minor amphibolitic margins. Also cut by 1-2% skarn veining qtz carb	A467264	303	304	1			42	
			A467265	304	305	1			61	
			A467266	305	306	1			12	

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-202
 Project : COLI_LAKE
 Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
		diopside with blebs of po within magnetitic 0.5 to 20cm. Fracture filled py veinlettes scattered throughout <1% of unit. Four Local inclusions of BIF oxide faces banded strongly magnetic, bands of magnetite, grunerite and chert from 326.07 to 326.4m, 335.88 to 336.02, 342.9 to 342.8 and 344.15 to 344.22.	A467267	306	307	1			9	
			A467268	307	308	1			41	
			A467269	308	309	1			67	
			A467270	309	310	1			60	
			A467271	310	311	1			121	
			A467272	311	312	1			12	
			A467273	312	313	1			69	
			A467274	313	314	1			38	
			A467275	314	315	1			21	
			A467276	315	316	1			31	
			A467277	316	317	1			28	
			A467278	317	318	1			41	
			A467279	318	319	1			30	
			A467280	319	320	1			11	
			A467281	320	321	1			3856	
			A467282	321	322	1			426	20cm skarn vein with po
			A467283	322	323	1			33	
			A467284	323	324	1			15	
			A467285	324	325	1			136	
			A467286	325	326	1			246	
			A467287	326	327	1			822	
			A467288	327	328	1			1571	
			A467289	328	329	1			84	
			A467290	329	330	1			170	
			A467291	330	331	1			707	
			A467292	331	332	1			194	
			A467293	332	333	1			30	
			A467294	333	334	1			41	
			A467295	334	335	1			28	
			A467296	335	336	1			151	
			A467297	336	337	1			8	
			A467298	337	338	1			22	
			A467301	338	339	1			39	
		A467302	339	340	1			792		
		A467303	340	341	1			114		

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-202
Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
			A467304	341	342	1			56	
			A467305	342	343	1			215	
			A467306	343	344	1			154	
			A467307	344	345	1			115	
			A467308	345	346	1			31	
			A467309	346	347	1			19	
			A467310	347	348	1			7	
			A467311	348	349	1			14	
			A467312	349	350	1			12	
			A467313	350	351	1			23	
			A467314	351	352	1			51	
			A467315	352	353	1			41	
			A467316	353	354	1			20	
			A467317	354	355.05	1.05			16	
321.70	- 321.90	(V8) Skarn vein								
		Magnetitic skarn vein with blebs of po. diopside rich								
355.05	362.20	(I1A) Gabbro , (FOL) Foliated								
		Foliated Gabbro intrusion light green colour with localized section of brown biotite banding from 2-10cm wide bands. Foliation @50tca.								
362.20	366.75	(E3) Felsic Volc , (FOL) Foliated	A467318	362.2	363	0.8			9	
		Light dull grey felsic volcanics or still possibly feldspar porphyry but no phenocrysts. Foliation @50tca. Section of unit at 366.4 to 366.7 with bands of aspy also 2cm qtz carb diopside vein with po blebs. More minor aspy marginal to section Local inclusion of laminated mafic volcanic with brown biotite from 364.8 to 365.0	A467319	363	364	1			16	
			A467320	364	365	1			44	
			A467321	365	366	1			39	
			A467322	366	366.5	0.5			177	
			A467323	366.5	367	0.5			4746	
366.75	369.38	(E1) Mafic Volc , (FOL) Foliated	A467323	366.5	367	0.5			4746	
		Dull medium grey mafic volcanics with a foliation fabric @45tca. Almost banded. Localized veinettes of massive po within carbonate and qtz veins 3% of unit. Moderate garnet growths weakly banded 5% of unit. 20cm of bleaching marginal to lower cnt @45tca.	A467324	367	367.5	0.5			776	3% sulphides
			A467325	367.5	368	0.5			914	5% sulphides
			A467326	368	369	1			120	
369.38	372.20	(E1) Mafic Volc , (SHD) Sheared / highly strained	A467327	369	370	1			118	
		Mafic Volcanic but has a shearing texture. elongated biotite into a laminated wavy banding @45tca. Cut but 5% carbonate veins and 1% boudinaged qtz veining @45tca with shearing	A467328	370	371	1			34	
			A467329	371	372	1			39	

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-202
Project : COLI_LAKE
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<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
372.20	376.70	(E1) Mafic Volc , (FOL) Foliated	A467330	372	373	1			721	5cm skarn vein with qtz carb diopsir and blebs of magnetic po scattered throughout
		Dark green Mafic Volcanics close to having the same deformation texture as above but not as strong or prevasive. Some sections more massive. patches of weakly schistose brown biotite.	A467331	373	374	1			173	
			A467332	374	375	1			28	
			A467333	375	376	1			8	
			A467334	376	377	1			59	
376.70	380.00	(I2A E1) Diorite Mafic Volc, (FOL) Foliated	A467335	377	378	1			17	Looks very similar to Feldspar porphyry but no phenos. More Intermediate intrusive. With 10% mafic Volcanic inclusions both cut by thin skarn veinings 1% and irregular late qtz veins<1%.
			A467336	378	379	1			13	
			A467337	379	380	1			13	
380.00	381.50	(E1) Mafic Volc , (FRA) Fractured	A467338	380	381	1			59	Mafic Volcanics with local patches of banding of dark green and black, amph and biotite. patches of fracturing with po and py infill in fractures veinlettes and blebs 4% sulphides. Local 20cm late mafic dyke at lower cnt.
			A467339	381	382	1			17	
381.50	385.60	(I1A) Gabbro , (FOL) Foliated	A467339	381	382	1			17	Medium green FG-MG Gabbro. Sections with a schistose texture foliation and sections with large banding all @50tca. Patches of darker brown biotite bands. Section of strong lighter grey possibly inclusion of mafic Volcanics from 384.27 to 384.5 biotitic with veinlettes of po and blebs of cp.
			A467340	382	383	1			9	
			A467341	383	384	1			11	
			A467342	384	385	1			34	
385.60	396.37	(I1A) Gabbro , (FOL) Foliated	A467343	391	392	1			19	More massive Gabbro with localized patches of dark black biotite alteration. Foliation @50tca. Local 7cm skarn vein with carb diopside and fragments of qtz weakly magnetic. Also local inclusions of fracture bleached Feldspar Porphyry fairly phenocrystic but still shearing within.
			A467344	395	396	1			9	
396.37	407.65	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467345	396	397	1			59	Light grey more intermediate Feldspar Porphyry with 99% of pheno sheared out only relic porphyrys at cnt. Very minor scattered garnet growths. Weakly bleached/ sericitized cnt margins for 20-30cm and a 30cm biotite schist at lower cnt. Over all unit is failry massive. Cut by 1% thin skarn veins
			A467346	397	398	1			11	
			A467347	398	399	1			29	
			A467348	399	400	1			10	
			A467351	400	401	1			9	
			A467352	401	402	1			28	
			A467353	402	403	1			16	
			A467354	403	404	1			28	
			A467355	404	405	1			22	

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-202
Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
			A467356	405	406	1			9	2cm skarn vein with po blebs
			A467357	406	407	1			54	
			A467358	407	408	1			11	
407.65	417.90	(I1A) Gabbro , (FOL) Foliated	A467359	408	409	1			18	
		Medium green Gabbro Moderate foliation ranging from 35tca to 60tca. Minor Patches of brown biotite.	A467360	409	410	1			10	
			A467361	410	411	1			41	
			A467362	411	412	1			64	
			A467363	412	413	1			19	
			A467364	416	417	1			11	
			A467365	417	417.7	0.7			54	
417.90	418.75	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A467366	417.9	418.5	0.6			34	
		Sheared Feldspar Porphyry Shearing @40tca. Cut by 2 thin skarn vein and one local 6cm carb diopside with strong amph biotite margins.	A467367	418.5	419	0.5			19	fault with 1cm of gouge @45tca
418.75	421.65	(I3S E1) Feldspar porphyry Mafic Volc, (SHD) Sheared / highly strained	A467367	418.5	419	0.5			19	fault with 1cm of gouge @45tca
		Feldspar Porphyry with sectionjs brecciated into large fragments within mafic volcanics. FP is fractured with bleached halos marginal minory silithified with sil biotite. Disseminated/veinlettes of po/py throughout 3-5% of unit.	A467368	419	419.5	0.5			21	small bleb of aspy
			A467369	419.5	420	0.5			31	
			A467370	420	421	1			9	
			A467371	421	421.65	0.65			16	
421.65	422.55	(I3S) Feldspar porphyry , ()								
		Late chunky FP dyke sharp cnts @50tca								
422.55	431.00	(E1) Mafic Volc , (FOL) Foliated	A467372	422.55	423.1	0.55			32	
		Foliated Mafic Volcanic dark greenish. Strongly calcite upper cnt margin for 1m. Patches of epidote alteration throughout as altereed veins. Patches of brown biotite as well. Also cut by 3% skarn veining diopside rich.	A467373	423.1	424	0.9			6	
			A467374	424	425	1			<5	
			A467375	425	426	1			<5	
			A467376	426	427	1			12	
			A467377	427	428	1			17	
			A467378	428	429	1			<5	
			A467379	429	430	1			<5	
			A467380	430	431	1			9	
426.85	427.20	(V8) Skarn vein								
		Skarn vein with stron diopside minor blebs of po throughout.								

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-202
Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
431.00	431.40	(E1) Mafic Volc , (BAN) Banded Section of strongly banded mafic volcanics ands of brown biotite, feldspar and amph. @60tca.								
431.40	433.00	(I1A) Gabbro , (FOL) Foliated dark green gabbro with a weak foliation fabric @60tca.	A467381	431	432	1			5	
			A467382	432	433	1			53	
433.00	442.95	(I3S) Feldspar porphyry , (SCH) Schistose Light grey Feldspar porphyry more intermediate (no phenocrysts) with a diffused upper cnt for 30cm. Foliation @35tca til small 19cm gabbro intrusion at 434.9. Than Foliation @55tca for the rest of unit. After 425 strong sericite alteration prevasive (unit looks like QSS), with localizard patches with biotite (QSB). Unit is cut by 3% skarn veining with microcline alteration on margins with blebs of py and po within. More larger veins 3-10cm	A467383	433	434	1			64	1cm curnulated skarn vein with po blebs
			A467384	434	435	1			222	
			A467385	435	436	1			329	
			A467386	436	437	1			<5	
			A467387	437	438	1			<5	
			A467388	438	439	1			13	
			A467389	439	440	1			33	
			A467390	440	441	1			<5	2 skarn vein with po blebs 10cm an 4cm
			A467391	441	442	1			<5	Two 10cm skarn veins with po and blebs scattered throughout.
			A467392	442	443	1			<5	
442.95	444.10	(I1) Mafic Intrusive , (GS0) Aphanitic Massive Mafic dyke dark grey. Within firs 30cm inclusions of FP.	A467393	443	444	1			<5	
444.10	445.16	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained Back to more duller light grey FP no sericite alteration. Shearing @50tca.	A467394	444	445	1			<5	
445.16	445.52	(I1A) Gabbro , () Small gabbro intrusion dark green with patches of strong schistose biotite. Local late qtz vein 3cm	A467395	445	446	1			<5	
445.52	447.28	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained Feldspar Porphyry dyke (looks a bit like QSB) section is prevasively moderately silithified. Weak sericite. EOH at 447.27m	A467396	446	446.6	0.6			<5	
			A467397	446.6	447.28	0.68			<5	EOH and samples

	CHECKID	DUPLICATE NO	SAMPLEID	STANDARDID	Au_FA_AA_ppb_DSC	Au_FA_AA_ppb	Au_FA_AA_ppb_LABJOBNO	Sample_Comments
1	A466999	STD	RL-09-202_COLI_LAKE	CDN-CGS-19		737	200941990	
2	A467000	STD	RL-09-202_COLI_LAKE	Blank		6	200941990	
3	A467049	STD	RL-09-202_COLI_LAKE	CDN-GS-4A		3647	200941990	
4	A467050	STD	RL-09-202_COLI_LAKE	Blank	<	5	200941990	
5	A467099	STD	RL-09-202_COLI_LAKE	CDN-CGS-19		703	200942002	
6	A467100	STD	RL-09-202_COLI_LAKE	Blank	<	5	200942002	
7	A467149	STD	RL-09-202_COLI_LAKE	CDN-CGS-19		707	200942002	
8	A467150	STD	RL-09-202_COLI_LAKE	Blank		5	200942002	
9	A467199	STD	RL-09-202_COLI_LAKE	CDN-CGS-19		741	200942002	
10	A467200	STD	RL-09-202_COLI_LAKE	Blank		9	200942002	
11	A467249	STD	RL-09-202_COLI_LAKE	CDN-CGS-19		665	200942002	
12	A467250	STD	RL-09-202_COLI_LAKE	Blank		11	200942002	
13	A467299	STD	RL-09-202_COLI_LAKE	CDN-CGS-19		712	200942002	
14	A467300	STD	RL-09-202_COLI_LAKE	Blank	<	5	200942002	
15	A467349	STD	RL-09-202_COLI_LAKE	CDN-CGS-19		668	200942002	
16	A467350	STD	RL-09-202_COLI_LAKE	Blank		7	200942002	
	*							

Goldcorp Inc.
Diamond Drill Hole Report

Hole ID : RL-09-203
Project : COLI_LAKE
Prospect : SIDACE LK

<u>Drilling</u>	<u>Casing</u>	<u>Location</u>	<u>Coordinate - UTM</u>	<u>Coordinate - Local</u>	<u>Other</u>
Azimuth: 90.00	Length:	Township: COLI LAKE AREA	East: 461979.00	East:	Contractor: HY-TECH DRILLING
Dip: -55.00	Pulled: N	Claim No: 1210390	North: 5679743.00	North:	Spotted By:
Length: 351 m	Capped:		Elevation: 415.00	Elevation:	Surveyed By:
Started: 17-Jul-2009	Cemented: N	NTS: 52N/05	UTM Grid: NAD27_Z15	Local Grid:	Surveyed Date:
Completed: 20-Jul-2009		Surface Hole: Yes	Survey Type: handheld GPS		Logged By: Howes, Ben
Logged: 09-Aug-2009	Core	Level: Surface			Logged By 2:
	Dimension: NQ		Coordinate - UTM	Coordinate - Local	Re-logged By:
Target: Skarn zone	Storage: Cochenour Mine		East: 461979.00	East:	Water Source:
			North: 5679743.00	North:	Left in Hole: Nothing
			Elevation: 415.00	Elevation:	
			UTM Grid: NAD27_Z15	Local Grid:	
			Survey Type: estimated coords		

Comments: Start Depth of 9.72m and final depth of 351m. Hole stopped in mafic volcanics good ground.

Deviation Tests

Distance (m)	Azimuth	Dip	Type
0.00	90.00	-55.00	PROPOSED
18.00	92.40	-55.40	Reflex
48.00	93.20	-55.30	Reflex
78.00	93.10	-54.90	Reflex
138.00	96.10	-54.20	Reflex
168.00	96.40	-53.70	Reflex
198.00	97.30	-53.30	Reflex
228.00	96.70	-52.90	Reflex
258.00	95.40	-52.20	Reflex
288.00	95.70	-51.60	Reflex
318.00	96.90	-51.10	Reflex
351.00	96.40	-50.60	Reflex

Goldcorp Inc.

Geological Description with Assays

Hole ID : RL-09-203
 Project : COLI_LAKE
 Prospect : SIDACE LK

From (m)	To (m)	Lithological unit	SampleID	FROM (m)	To (m)	Length (m)	Au (gpt)	Au (opt)	Au (ppb)	V.G. Comments
0.00	9.72	(CS) casing (no recovery) , () Overburdon								
9.72	50.00	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained Light bluish (when dry) and light greyish brown (when wet) Sheared Feldspar Porphyry. Shearing @50tca With moderately change in shearing intensity, some sections strongly sheared lenses with little to no porphyrys left while other sections show only weak shearing. Cut by 2-5% diopside Qtz/carb with amphibolitic margins and minor/trace sulphide blebs (po,py) veins mostly 0.1 to 1cm but some local larger veins 5-15cm <1% of unit Mostly cutting @30-50tca. Also cut by late white Qtz veins 1% of unit mostly cutting @70-90tca.	A461908	10	11	1			22	
			A461909	11	12	1			558	
			A461910	12	13	1			57	
			A461911	13	14	1			14	
			A461912	14	15	1			19	
			A461913	15	16	1			22	
			A461914	16	17	1			<5	
			A461915	17	18	1			15	
			A461916	18	19	1			6	
			A461917	19	20	1			13	
			A461918	20	21	1			9	
			A461919	21	22	1			14	
			A461920	22	23	1			18	
			A461921	23	24	1			9	
			A461922	24	25	1			41	
			A461923	25	26	1			13	
			A461924	26	27	1			24	
			A461925	27	28	1			254	
			A461926	28	29	1			14	
			A461927	29	30	1			7	
			A461928	30	31	1			5	
			A461929	31	32	1			12	
			A461930	32	33	1			20	
			A461931	33	34	1			125	
			A461932	34	35	1			13	
			A461933	35	36	1			40	
			A461934	36	37	1			15	
			A461935	37	38	1			17	
			A461936	38	39	1			37	
			A461937	39	40	1			1080	
			A461938	40	41	1			43	
			A461939	41	42	1			51	

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Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
			A461940	42	43	1			31	
			A461941	43	44	1			25	
			A461942	44	45	1			10	
			A461943	45	46	1			18	
			A461944	46	47	1			32	
			A461945	47	48	1			171	
			A461946	48	49	1			28	
			A461947	49	50	1			20	
17.85	- 18.01	(I1) Mafic Intrusive								
		Moderately calcitic mafic intrusive dark grey/blackish colour fg with a weak foliation fabric @50tca.								
42.05	- 42.20	(V8) Skarn vein								
		Diopside, brecciated coliform carb with amph/biotitic margins with small blebs of po/py.								
42.73	- 43.07	(I3S) Feldspar porphyry								
		dark brownish feldspar porphyry dyke with sharp cnts @60tca. a Minor biotitic fabric. Weak foliation fabric?? @50tca.								
50.00	55.80	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A461948	50	51	1			22	
		Darker colour Strongly sheared FP with a moderate banding @65tca. Only 3-5% feldspar porphyry. Same skarn veining as above but cutting mostly same as foliation from 50-60tca.	A466501	51	52	1			11	
			A466502	52	53	1			15	
			A466503	53	54	1			7	
			A466504	54	55	1			6	
			A466505	55	56	1			30	
55.80	65.50	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466506	56	57	1			108	
		Sheared and Faulted Feldspar Porphyry with <1-3% porphyrys. A buffish grey with a tinge of redish brown and orange. Very siliceous. Shearing @45 tca. Poor ground. Open fault from 58.5 to 59.0m with 3cm of fault gouge at 58.95m @40tca.	A466507	57	58	1			10	
			A466508	58	59	1			8	
			A466509	59	60	1			16	
			A466510	60	61	1			13	
			A466511	61	62	1			29	
			A466512	62	63	1			196	
			A466513	63	64	1			401	
			A466514	64	65	1			10	
			A466515	65	66	1			21	
65.50	72.25	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466515	65	66	1			21	
		Dull greyish Sheared Feldspar Porphyry. Shearing @50tca. 1-2% minor thin boudinage qtz	A466516	66	67	1			<5	

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		veins with minor blebs of po,py. Trace po/py throughout.	A466517	67	68	1			49	
			A466518	68	69	1			33	
			A466519	69	70	1			14	
			A466520	70	71	1			20	
			A466521	71	72	1			24	
72.25	73.50	(E1) Mafic Volc , (BAN) Banded	A466522	72	73	1			14	
		DARk green Mafic Volcanics with weak banding of black biotite, amph and calcite and some of what looks like diopside.	A466523	73	74	1			48	
73.50	75.30	(E1) Mafic Volc , (MAS) Massive	A466523	73	74	1			48	
		More massive dark green black mafic Volcanics (possibly dyke, no sharp cnta, lower cnt. Mostly amph and black biotitie. Minor calcite veins and colour less qtz veins 5% of unit. Local 10cm white limestone interbed at 73.8.	A466524	74	75	1			176	
75.30	78.70	(E1) Mafic Volc , (BAN) Banded	A466525	75	76	1			53	
		Banded Mafic volcanics wih amph, biotite. Local 15cm section of garnitiferous banding at 75.7. Local interbed of E1S with sulphide banding mostly py from 77 to 77.2	A466526	76	77	1			54	
			A466527	77	78	1			89	
			A466528	78	79	1			54	
78.70	79.75	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466529	79	80	1			14	
		Sheared feldspar porphyry. strongly feldspatic. Sharp upper cnt @50tca same as shearing. Lower cnt 10cm silithified. strongly Biotitic and qtz lower margin for 15cm								
79.75	82.90	(E1 I3S) Mafic Volc Feldspar porphyry, (BAN) Banded	A466530	80	81	1			19	
		dark blackish Banded Mafic Volcanics weakly silithified, strongly biotitic, foliation @50tca.	A466531	81	82	1			26	
		Intermix with sheared Feldspar Porphyry weakly silithified as well foliation @50tca. Both are cut by 5% qtz carbon diopside veins @50tca thin veins 0.2-3cm	A466532	82	83	1			102	
82.90	86.70	(I3S E1) Feldspar porphyry Mafic Volc, (SHD) Sheared / highly strained	A466533	83	84	1			15	
		Dark blackish sheared Feldspar Porphyry with moderate silithification. With 10% banded Mafic volcanics weakly silithified with a 5% thin py/po banding. Both are cut by 2-3% qtz carb diopside veins @50tca, same as foliation.	A466534	84	85	1			23	
			A466535	85	86	1			18	
			A466536	86	87	1			25	
86.70	92.20	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466537	87	88	1			17	
		Lighter grey more porphyric and feldspathic Feldspar Porphyry dyke with 3% E1 banded inclusions. Foliation @50-55tca. 1% qtz carb diopside veining.	A466538	88	89	1			16	
			A466539	89	90	1			5	
			A466540	90	91	1			16	

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			A466541	91	92	1			15	
92.20	96.40	(E1) Mafic Volc , (BAN) Banded	A466542	92	93	1			60	
Banded Mafic Volcanics with minor leucoxene alteration, and weak garnet banding. Thin more laminated banding. Minor thin sulphide banding mostly py only 1-2% of unit.										
			A466543	93	94	1			79	
			A466544	94	95	1			534	
			A466545	95	96	1			39	
96.40	98.15	(I3S) Feldspar porphyry , (ALT) Altered	A466546	96	97	1			25	
Altered Feldspar Porphyry dyke altered by biotite. Biotite has a moderate foliation fabric @60tca. Strongly feldspar porphyrys. 35cm inclusion of E1 banded same as above.										
			A466547	97	98	1			14	
98.15	100.58	(E1) Mafic Volc , (BAN) Banded	A466548	98	99	1			49	
Dark blackish grey weakly banded mafic volcanics, strongly biotitic. Minor garnet bandes 2-4% and minor py bands fg 1% of unit. Large qtz inclusionsthat have ben elongated to foliation both @60tca 3% of unit.										
			A466551	99	100	1			33	
			A466552	100	101	1			407	
100.58	106.25	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466553	101	102	1			38	
Sheared light grey Feldspar Porphyry. More feldspathic felsic dyke. Foliation shearing @60tca. Still retaining most of the feldspar porphs but are strongly elongated to foliation. Bands of strong semimassive cp at the end of unit at 106.0m for 10cm										
			A466554	102	103	1			18	
			A466555	103	104	1			22	
			A466556	104	105	1			26	
			A466557	105	106	1			99	
106.25	125.49	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466558	106	107	1			12	
Sheared dark blackish grey Feldspar porphyry with a moderate prevasive silthification alteration. Almost taking on a banded looking in sections. Minor qtz carb diopside veining throughout 1-2% of unit. Cut by 3-4% clear qtz veins as well 0.5-1.5cm thick.										
			A466559	107	108	1			7	
			A466560	108	109	1			<5	
			A466561	109	110	1			35	
			A466562	110	111	1			89	
			A466563	111	112	1			12	
			A466564	112	113	1			19	
			A466565	113	114	1			33	
			A466566	114	115	1			26	
			A466567	115	116	1			33	
			A466568	116	117	1			27	
			A466569	117	118	1			6	
			A466570	118	119	1			22	
			A466571	119	120	1			11	
			A466572	120	121	1			16	

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			A466573	121	122	1			7	
			A466574	122	123	1			9	
			A466575	123	124	1			6	
			A466576	124	125	1			34	
125.49	139.65	(E1) Mafic Volc , (BAN) Banded	A466577	125	126	1			31	
		Poorly banded Mafic volcanics dark blackish green with moderate bands of garnets 3-4%. Minor leucoxene alteration. Foliation banding @55-60tca. Local light greyish bleaching section from 129.62 to 130.20m Local large 8cm qtz carb diopside vein from 132.81 to 132.89. Lower cnt 15cm of coliform, qtz carb diopside breccia section.	A466578	126	127	1			1277	
			A466579	127	128	1			1572	
			A466580	128	129	1			288	
			A466581	129	130	1			42	
			A466582	130	131	1			28	
			A466583	131	132	1			61	
			A466584	132	133	1			46	
			A466585	133	134	1			166	
			A466586	134	135	1			36	
			A466587	135	136	1			31	
			A466588	136	137	1			62	
			A466589	137	138	1			15	
			A466590	138	139	1			44	
		A466591	139	140	1			12		
		126.96 - 128.83 (I3S) Feldspar porphyry								
		Sheared light grey Feldspar Porphyry for feldspathic. Minor qtz carbon diopside biotite veins <0.5cm 2-3%								
		133.10 - 133.45 (I3S) Feldspar porphyry								
		Sheared Feldspar Porphyry still with strong porphs. Shearing @55tca. Sharp cnts same as shearing								
139.65	164.70	(I1) Mafic Intrusive , (MAS) Massive	A466592	140	141	1			10	
		Massive dark blackish green mafic intrusive with strong calcite veining (or possibly some interbedding limestone beds?? 5-10cm 2%). Also with large fragments of coliform carbonate.	A466593	144	145	1			6	
			A466594	149	150	1			8	
			A466595	153	154	1			41	
			A466596	158	159	1			18	
			A466597	162	163	1			6	
			A466598	164	165	1			5	
164.70	172.65	(E1) Mafic Volc , (BAN) Banded	A466601	165	166	1			23	
		Banded Mafic Volcanics with thin bands of magnetitic po and some minor magnetite. Local section of py, magnetite bands and elongated fragments qtz from 171.95 to 172.08m.	A466602	166	167	1			62	
			A466603	167	168	1			18	

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			A466604	168	169	1			15	
			A466605	169	170	1			18	
			A466606	170	171	1			5	
			A466607	171	172	1			24	
			A466608	172	173	1			21	
165.45	- 167.55	(I3S) Feldspar porphyry								
Sheared medium grey Feldspar Porphyry with shearing @60tca. cut by minor carbonate veins and qtz veins 2-3% of unit. @60tca.										
169.80	- 171.00	(I3S) Feldspar porphyry								
Sheared medium grey Feldspar Porphyry with shearing @60tca. cut by minor carbonate veins and qtz veins 2-3% of unit. @60tca.										
172.65	187.85	(I1A) Gabbro , (MAS) Massive	A466609	173	174	1			<5	
Massive dark green Porphyritic gabbro intrusion. Weakly magnetitic throughout. Moderate carbonate veining cutting dyke. Local 15cm carb diopside vein on lower cnt with mafic volcanics. Last 3m show a weak foliation fabric @60tca with minor biotitie schisting. 20cm of minor 2-4mm scattered garnet growths.										
			A466610	174	175	1			<5	
			A466611	179	180	1			9	
			A466612	186	187	1			6	
			A466613	187	188	1			22	15cm qtz carb diopside vein
187.85	197.83	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466614	188	189	1			11	3cm qtz carb diopside vein
Medium grey Sheared feldspar Porphyry with minor silthification and moderately micoschise. 1% qtz carb diopside veining throughout 0.5 to 3cm as well as 2% qtz veining cutting @75tca. Shearing @55tca. Minor thin bands of py for last half of unit 2-3% py. Local late chunky feldspar porphyry from 197.1 197.33. Last 1m with magnetic bands										
			A466615	189	190	1			28	
			A466616	190	191	1			8	
			A466617	191	192	1			<5	
			A466618	192	193	1			12	
			A466619	193	194	1			7	
			A466620	194	195	1			16	
			A466621	195	196	1			17	
			A466622	196	197	1			23	
			A466623	197	198	1			29	
197.83	203.00	(E1) Mafic Volc , (BAN) Banded	A466624	198	199	1			59	
Weakly banded mafic volcanics with bands of biotitie, amphiboles and carbonate (mostly calcite) as well as some diopside. Banding @45-55tca. Local intrusion of FP dyke 5cm with moderate sulphide bands. As well local sections of semi-massive banding of po/py. Moderate to strongly magnetitic bands throughout.										
			A466625	199	200	1			57	
			A466626	200	201	1			44	
			A466627	201	202	1			16	
			A466628	202	203	1			110	
203.00	206.03	(E1) Mafic Volc , (BAN) Banded	A466629	203	204	1			124	

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		for felsic band of Banded Mafic Volcanics with stronger bands of py and po approx 5% sulph. Still strongly magnetitic bands throughout. Banding @50tca.	A466630	204	205	1			103	
			A466631	205	206	1			154	
206.03	206.77	(E1) Mafic Volc , (BAN) Banded	A466632	206	207	1			18	
		Banded Mafic Volcanics more amphibole rich, very weakly magnetitic. banding @60tca.								
206.77	207.48	(E1) Mafic Volc , (BAN) Banded								
		Weakly banded Mafic Volcanics with moderate band of cg garnets 5% of unit. Banding @60tca.								
207.48	208.17	(E3) Felsic Volc , ()	A466633	207	208	1			31	
		Small band of Felsic volcanics strongly sericitic with foliation @60tca.								
208.17	208.95	(E1) Mafic Volc , (ALT) Altered	A466634	208	209	1			70	
		Mafic Volcanics with a strong andylusite alteration, vcg and blocky grains of andylusite. 50% andylusite alteration.								
208.95	210.55	(I1A) Gabbro , (GS1) Fine Grained	A466635	209	210	1			49	
		FG gabbro dyke?? no really sharp cnts grades into a more massive mafic volcanic and back into a foliated banded mafic volcanic. dakr green more amphibole rich with minor scattered grains of cg garnets 1-2% of unit. Very weakly magnetitic	A466636	210	211	1			16	
210.55	211.90	(E1) Mafic Volc , (BAN) Banded	A466637	211	212	1			27	
		Banded Mafic Volcanics, strongly magnetic bands throughout. with 3-5% qtz, carb diopside veining. Minor bands of py, po 1% of unit. Last 40cm of unit is an intermix section with strong skarn veining, mafic volcanics and feldspar porphyry.								
211.90	213.40	(I3S) Feldspar porphyry , (FOL) Foliated	A466638	212	213	1			25	
		Foliated Feldspar porphyry dyke with foliation @50tca. small feldspar porphyry, more feldspathic dyke. 3-5% skarn veining same angle as foliation. Non-magnetic								
213.40	216.75	(E1) Mafic Volc , (BAN) Banded	A466639	213	214	1			42	
		Weakly banded dark blackish green mafic volcanics with foliation banding @45tca. 5% skarn veining throughout. Weakly magnetitic throughout.	A466640	214	215	1			105	
			A466641	215	216	1			40	
			A466642	216	217	1			26	
216.75	218.40	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466643	217	218	1			11	
		Sheared and weakly siltified Feldspar Porphyry with patches of siltified biotite and minor bleaching. Minor thin bands of carb diopside veining.								

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218.40	226.70	(E1) Mafic Volc , (FOL) Foliated Foliated mafic Volcanics with a weak foliation @50tca. and banding of carbonate diopside and calcite 5-8% of unit mostly calcite. Minor local blebs of strongly magnetitic po and thin fracturing filling of cp <1% of unit. Moderately magnetitic throughout.	A466644	218	219	1			13	
			A466645	219	220	1			63	
			A466646	220	221	1			26	
			A466647	221	222	1			14	
			A466648	222	223	1			17	
			A466651	223	224	1			12	
			A466652	224	225	1			17	
			A466653	225	226	1			50	
			A466654	226	227	1			31	
			A466655	227	228	1			5	
			A466656	228	229	1			20	
			A466657	229	230	1			12	
			A466658	230	231	1			<5	
			A466659	231	232	1			<5	
226.70	236.03	(I3S E1) Feldspar porphyry Mafic Volc, () Feldspar porphyry dyke same as above, with bleached fracturing and qtz carb diopside veining with inclusions of magnetitic foliated mafic volcanics 1-2m. Mafic volcanics inclusion same as above dark green amphibole rich with carb diopside. Minor disseminated po throughout and thin bands of po/py within mafic volcanics	A466660	232	233	1			6	
			A466661	233	234	1			44	
			A466662	234	235	1			13	
			A466663	235	236	1			9	
			A466664	236	237	1			51	
			A466665	237	238	1			430	
			A466666	238	239	1			14	
			A466667	239	240	1			80	
			A466668	240	241	1			71	
			A466669	241	242	1			9	
			A466670	242	243	1			18	
			A466671	243	244	1			7	
			A466672	244	245	1			536	
			A466673	245	246	1			217	
A466674	246	247	1			13				
A466675	247	248	1			150				
A466676	248	249	1			40				
A466677	249	250	1			75				
A466678	250	251	1			93				
236.03	250.85	(E1) Mafic Volc , (ALT) Altered Garnetiferous Mafic volcanics. 25-35% cg garnet banding throughout. Local fp dyke cutting though. Foliation fabric @45-55tca. Some local sections of cg biotite moderately schistose.	A466664	236	237	1			51	
			A466665	237	238	1			430	
			A466666	238	239	1			14	
			A466667	239	240	1			80	
			A466668	240	241	1			71	
			A466669	241	242	1			9	
			A466670	242	243	1			18	
			A466671	243	244	1			7	
			A466672	244	245	1			536	
			A466673	245	246	1			217	
			A466674	246	247	1			13	
			A466675	247	248	1			150	
			A466676	248	249	1			40	
			A466677	249	250	1			75	
A466678	250	251	1			93				

Goldcorp Inc.
Geological Description with Assays

Hole ID : RL-09-203
Project : COLI_LAKE
Prospect : SIDACE LK

<i>From (m)</i>	<i>To (m)</i>	<i>Lithological unit</i>	<i>SampleID</i>	<i>FROM (m)</i>	<i>To (m)</i>	<i>Length (m)</i>	<i>Au (gpt)</i>	<i>Au (opt)</i>	<i>Au (ppb)</i>	<i>V.G. Comments</i>
240.25	- 244.70	(I3S) Feldspar porphyry								
		Dull grey Feldspar porphyry dyke with shearing lense most of porphyrys sheared out. Minor patches of sericite. Minor disseminated po throughout 1% of unit. No diopside veining.								
250.85	252.70	(E1) Mafic Volc , (BAN) Banded	A466679	251	252	1			17	
		Amphibole rich banded mafic volcanics with minor qtz carb diopside veining. with minor bands of py 1% sulph. Local late fp dyke within	A466680	252	253	1			15	
251.03	- 251.80	(I3S) Feldspar porphyry								
		dark grey Intermediate dyke with a strong biotitic foliation fabric @65tca. and 4-6mm feldspar phenocrysts. sharp cnts @60tca.								
252.70	257.85	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466681	253	254	1			8	
		Shearer light grey Feldspar Porphyry with a moderate silithification and biotite (biotite silithified). Shearing @55tca. 2-3% qtz carb diopside veining with blebs of po within. 40% of porphyrys sheared out. Local inclusion of biotitic altered fp dyke same as above sub unit from 257.3 to 257.6m.	A466682	254	255	1			46	
			A466683	255	256	1			9	
			A466684	256	257	1			24	
			A466685	257	258	1			26	
257.85	259.40	(E1) Mafic Volc , (FOL) Foliated	A466686	258	259	1			17	
		Foliated dark greenish black Mafic Volcanics strongly amphibolitic and biotitic fairly massive with a foliation fabric @60tca. Two sections of with thin skarn veining (qtz carb diopside) with po blebs and disseminated aspy within and marginal at 258.4 and 259.3								
259.40	260.00	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466687	259	260	1			15	
		Sheared feldspar porphyry moderately silithified with minor biotite silithified. Local 2cm biotite schisted vein with disseminated grains of aspy within (stubby) marginal to lower cnt @60tca. Minor thin qtz carb diopside veining. Weak blebs of magnetitic po scattered.								
260.00	260.80	(E1) Mafic Volc , (FOL) Foliated	A466688	260	261	1			4264	
		Foliated dark greenish black Mafic Volcanics strongly amphibolitic and biotitic with a foliation fabric @60tca. Section with thin qtz carb minor diopside and fragments of coliform carb with po blebs/veinlets and semi-massive matted aspy within and marginal from 260.30 to 260.6								
260.80	264.42	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466689	261	262	1			10	
		Sheared feldspar porphyry moderately silithified with minor biotite silithified. Thin Qtz carb diopside veins with disseminated fine grains of aspy within (stubby) 2-4% skarn veins. Weak blebs of strongly magnetitic po scattered throughout. Shearing @50tca.	A466690	262	263	1			<5	
			A466691	263	264	1			21	
264.42	274.08	(E1) Mafic Volc , (FOL) Foliated	A466692	264	265	1			38	
		Foliated Mafic Volcanics biotitic. First meter weakly banded biotite, amph with thin qtz carb diopside with blebs of po also with small blebs and fracture filling of aspy. Section of weak silithification from 267.7 to 268.8. 2-4% aspy throughout, 2% po. Foliation from 60tca to 45tca decreaseing with depth.	A466693	265	266	1			20	
			A466694	266	267	1			23	
			A466695	267	268	1			822	
			A466696	268	269	1			82	

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			A466697	269	270	1			26	
			A466698	270	271	1			170	
			A466701	271	272	1			<5	
			A466702	272	273	1			<5	
			A466703	273	274	1			<5	
274.08	279.88	(E1) Mafic Volc , (BAN) Banded	A466704	274	275	1			10	
		Moderate to weakly banded Mafic Volcanics with increased biotite. Banding of magnetitic po. Local veinlets of cp and blebs/fracture filling of aspy mostly close to qtz carb diopside veining 5-8% of unit. Foliation @45 going to 55tca. Lower cnt with massive dyke has 20cm of strong biotite, weakly schistose. Possible zone.	A466705	275	276	1			77	
			A466706	276	277	1			514	
			A466707	277	278	1			56	
			A466708	278	279	1			55	
			A466709	279	280	1			12	
279.88	282.45	(I2A) Diorite , (GS1) Fine Grained								
		FG massive diorite dyke. sharp cnts with biotite schist marginal. Upper cnt @80tca. Lower cnt @40tca								
282.45	287.60	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466710	282	283	1			63	
		Sheared feldspar porphyry moderately silthified with minor biotite silthified. Thin Qtz carb diopside veins with disseminated fine grains of aspy within (stubby) 2-4% skarn veins. Weak blebs of strongly magnetitic po scattered throughout. Shearing @50tca.	A466711	283	284	1			20	
			A466712	284	285	1			7	
			A466713	285	286	1			<5	
			A466714	286	287	1			<5	
			A466715	287	288	1			<5	
287.60	288.88	(I3S) Feldspar porphyry , (ALT) Altered	A466716	288	289	1			539	
		dark grey Intermiate dyke with a strong biotitie foliation fabric @60tca and 4-6mm feldspar phenocrysts.								
288.88	293.15	(E1) Mafic Volc , (FOL) Foliated	A466717	289	290	1			47	
		dark grey green Semi banded foliated mafic volcanics with bands of semi-prevasive calcite throughout. Amphibolitic with dark black biotite with possible leucoxene disseminated spec throughout. Local section near end of unit with strong magnetite banding with po veinlettes from 292.8 to 293.15	A466718	290	291	1			98	
			A466719	291	292	1			149	
			A466720	292	293	1			80	
293.15	293.96	(E1) Mafic Volc , (ALT) Altered	A466721	293	294	1			24	
		Light to medium grey colour but dark green when wet Looks like a silthified mafic volcanic section. Moderate foliation fabric @50tca. No calcite.								

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293.96	296.60	(I3S) Feldspar porphyry , (ALT) Altered	A466722	294	295	1			385	
Strongly foliated moderately silthified feldspar porphyry with foliation @50tca. Minor shear lenses approx 5% looks like most of sheared porphyry but with much less shearing and most the the porphyrys still intact. More planar qtz veining 3% of unit with 2 local 1-2cm more qtz rich qtz carb diopside veining @45tca. Local Mafic Volcanic inclusion with a strong foliation fabric @45tca and sulphides most py and po veinettes/disseminated from 294.9 to 295.3 not silithified but with one 2cm carbonate vein with po and py										
			A466723	295	296	1			31	
			A466724	296	297	1			13	
296.60	297.60	(I3) Felsic Intrusive , (ALT) Altered	A466725	297	298	1			219	
Medium Grey fg felsic intrusive with a calcite replacement of elongated porphyrys fg. Local section of concentrated white micas with late qtz veining at 297.15m. also cut by 1cm skarn vein @45tca. Lower cnt with mafic inclusion										
297.60	301.16	(I3S) Feldspar porphyry , ()	A466726	298	299	1			263	
Begining section is foliatied mafic volcanic inclusion with strong po/py veinettes/veins throughout to 297.9m Rest of unit is Strongly foliated moderately silithified feldspar porphyry with foliation @50tca. Minor shear lenses approx 5% looks like most of sheared porphyry throughout hole but with much less shearing and most the the porphyrys still intact. With lanar qtz veining 3% of unit and 1% 1-2cm more qtz rich qtz carb diopside veining @45-65tca. No sulphides										
			A466727	299	300	1			28	
			A466728	300	301	1			9	
301.16	311.43	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466729	301	302	1			25	
Finer grained porphyrys then above and dark grey still weakly silthiified. Weak calcite replacement of feldspars porphyrys. Shearing @50tca. Much more veining thoughout 5% skarn veining and 3-5% planar qtz veining with some boudinaging blebs and spec of po/py within veins, majority of veining @50-55tca.										
			A466730	302	303	1			64	
			A466731	303	304	1			13	
			A466732	304	305	1			10	
			A466733	305	306	1			9	
			A466734	306	307	1			22	
			A466735	307	308	1			382	
			A466736	308	309	1			13	
			A466737	309	310	1			30	
			A466738	310	311	1			29	
311.43	313.10	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466739	311	312	1			20	
Same as above felsic porphyry dyke but silithification alteration no replaced by sericite alteration										
			A466740	312	313	1			20	
313.10	320.50	(I3S) Feldspar porphyry , (ALT) Altered	A466741	313	314	1			27	
Highly altered section of same feldspar porphyry dyke shearin/foliation fabric still @50tca. Still moderately sericitic . Now a a prevasive light green colour almost throughout, possibly green mica alteration or diopside alteration throughout. Alteration mostly like coming from local large skarn vein cutting throughout the center of section. Also still cut by small 0.5-1 cm planar boudinaged qtz veins and skarn veins.										
			A466742	314	315	1			75	
			A466743	315	316	1			1792	
			A466744	316	317	1			38	
			A466745	317	318	1			291	

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			A466746	318	319	1			50	
			A466747	319	320	1			28	
			A466748	320	321	1			18	
315.10	315.65	(V8) Skarn vein								
		Large skarn vein with strong diopside crystal growth with strong parting, strong calcite throughout with minor qtz. Belbs of po with in and fg cubic py and vfg needles aspy scattered within carbonate.								
320.50	330.00	(I3S E1) Feldspar porphyry Mafic Volc, (SHD) Sheared / highly strained	A466748	320	321	1			18	
		medium greyish green Back to sericized feldspar porphyry with foliation shearing @50tca and mica alteration with minor patches of silithified FP. cut by qtz carb diopside amph veins with a more palish colour. Local large inclusions of schistose biotite in mafic volcanics brown biotite. Veinlettes of mostly py with some po in both units. 20-40cm inclusions of mafic volcanics	A466751	321	322	1			47	
			A466752	322	323	1			37	
			A466753	323	324	1			44	
			A466754	324	325	1			606	
			A466755	325	326	1			55	
			A466756	326	327	1			102	
			A466757	327	328	1			185	
			A466758	328	329	1			60	
			A466759	329	330	1			49	
330.00	337.18	(I3S) Feldspar porphyry , (ALT) Altered	A466760	330	331	1			12	
		Weakly silithified shear feldspar porphyry with cg porphyrys then above still with moderate mica alteration. Only approx 1% qtz carb diopside veining with minor sulphides throughout <1%.	A466761	331	332	1			8	
			A466762	332	333	1			29	
			A466763	333	334	1			11	
			A466764	334	335	1			70	
			A466765	335	336	1			77	
			A466766	336	337	1			16	
337.18	338.55	(E1) Mafic Volc , ()	A466767	337	338	1			99	
		Bright green/light brown schistose mafic Volcanics with brown biotite schisting intermixed with a bright green.last 20cm of unit with py/py veining 10% sulphide in section occuring with calcite qtz actinolite. moderately magnetic section for last 0.5m	A466768	338	339	1			70	
338.55	341.30	(I3S) Feldspar porphyry , (SHD) Sheared / highly strained	A466769	339	340	1			201	
		Same as above sheared silithified feldspar porphyry. With a strong 20cm biotite schist on lower cnt.	A466770	340	341	1			69	
341.30	351.00	(E1) Mafic Volc , (SCH) Schistose	A466771	341	342	1			28	
		Same as above mafic Volcanics with a decrease in biotite. Very little veining of skarn or qtz	A466772	342	343	1			21	

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<1%		Schistosity @40tca. EOH RL-09-203 at 351m	A466773	343	344	1			114	
			A466774	344	345	1			12	
			A466775	345	346	1			34	
			A466776	346	347	1			36	
			A466777	347	348	1			19	
			A466778	348	349	1			16	
			A466779	349	350	1			9	
			A466780	350	351	1			14	

Appendix II, Assay Certificates

Coli Lake Area_2009 Certificate Listing

Hole ID	Sample Series	Main Certificate filename	No Samples	Sample Type	Date Received at Lab	Date Finalized
RL-05-083	A466781 to A466870	RL-09-083_273_200942004_2009-09-11	90	Core	27-Aug-09	11-Sep-09
RL-05-083	A466871 to A466985	RL-05-83_273_200942059_2009-09-15	115	Core	31-Aug-09	15-Sep-09
RL-09-196	A455401 to A455488	RL-09-196_273_200941370_2009-06-26	88	Core	17-Jun-09	26-Jun-09
RL-09-196	A445489 to A445550	RL-09-196_273_200941390_2009-06-30	62	Core	19-Jun-09	30-Jun-09
RL-09-196	A445551 to A445651	RL-09-196_273_200941431_2009-07-07	101	Core	24-Jun-09	7-Jul-09
RL-09-197	A445652 to A445713	RL-09-197_273_200941444_2009-07-07	62	Core	26-Jun-09	7-Jul-09
RL-09-197	A445726 to A445750 and A444751 to A444778	RL-09-197_273_200941475_2009-08-06	53	Core	2-Jul-09	14-Jul-09
RL-09-197	A445714 to A445719	RL-09-197_273_200941506_2009-07-16	6	Core	6-Jul-09	16-Jul-09
RL-09-197	A445720 to A445725	RL-09-197_273_200941527_2009-07-15	6	Core	8-Jul-09	15-Jul-09
RL-09-198	A444840 to A444850	RL-09-198_273_200941505_2009-07-15	11	Core	6-Jul-09	15-Jul-09
RL-09-198	A444851 to A444979	RL-09-198_273_200941508_2009-07-15	130	Core	6-Jul-09	15-Jul-09
RL-09-198	A444839	RL-09-198_273_200941515_2009-07-15	1	Core	7-Jul-09	15-Jul-09
RL-09-198	A444980 to A445000 & A460301 to A460433	RL-09-198_273_200941533_2009-07-16	154	Core	8-Jul-09	16-Jul-09
RL-09-198	A444779 to A444838	RL-09-198_273_200941618_2009-08-06	60	Core	2-Jul-09	14-Jul-09
RL-09-199	A460434 to A460483	RL-09-199_273_200941556_2009-07-27	51	Core	13-Jul-09	27-Jul-09
RL-09-199	A460484 to A460633	RL-09-199_273_200941574_2009-07-28	150	Core	15-Jul-09	28-Jul-09
RL-09-199	A460634 to A460656	RL-09-199_273_200941596_2009-07-28	23	Core	17-Jul-09	28-Jul-09
RL-09-199	A460657 to A460706	RL-09-199_273_200941612_2009-07-29	50	Core	20-Jul-09	29-Jul-09
RL-09-199	A460707 to A460711	RL-09-199_273_200941670_2009-08-10	5	Core	29-Jul-09	6-Aug-09
RL-09-199	A460712- A460761	RL-09-199_273_200941781_2009-08-18	50	Core	5-Aug-09	18-Aug-09
RL-09-199	A460762 - A460781	RL-09-199_273_200941809_2009-08-20	20	Core	7-Aug-09	20-Aug-09
RL-09-199	A460782 - A460831	RL-09-199_273_200941844_2009-08-25	50	Core	11-Aug-09	25-Aug-09
RL-09-200	A460832 - A460841	RL-09-200_273_200941856_2009-08-26	10	Core	12-Aug-09	26-Aug-09
RL-09-200	A460842 to A460872	RL-09-200_273_200941897_2009-08-28	31	Core	14-Aug-09	28-Aug-09
RL-09-200	A460873 to A460928	RL-09-200_273_200941901_2009-08-27	56	Core	14-Aug-09	27-Aug-09
RL-09-200	A460929 to A461045	RL-09-200_273_200941933_2009-09-01	117	Core	18-Aug-09	1-Sep-09
RL-09-200	A461046 to A461163	RL-09-200_273_200941942_2009-09-02	118	Core	20-Aug-09	2-Sep-09
RL-09-201	A461222 to A461278, A461164 to A461221, A461308 to A461314	RL-09-201_273_200941661_2009-08-06	122	Core	28-Jul-09	6-Aug-09
RL-09-201	A461279- A461307 & A461315 - A461377	RL-09-201_273_200941675_2009-08-10	92	Core	29-Jul-09	10-Aug-09
RL-09-201	A461378 to A461571	RL-09-201_273_200941729_2009-08-12	194	Core	4-Aug-09	12-Aug-09
RL-09-201	A461572- A461626	RL-09-201_273_200941756_2009-08-14	55	Core	5-Aug-09	14-Aug-09
RL-09-201	A461635 - A461730	RL-09-201_273_200941807_2009-08-20	96	Core	7-Aug-09	20-Aug-09
RL-09-201	A461627 to A461634	RL-09-201_273_200941817_2009-08-19	8	Core	10-Aug-09	19-Aug-09
RL-09-201	A461731 - A461814	RL-09-201_273_200941846_2009-08-21	84	Core	11-Aug-09	21-Aug-09
RL-09-201	A461815 - A461874	RL-09-201_273_200941857_2009-08-27	60	Core	12-Aug-09	27-Aug-09
RL-09-201	A461875 to A461906	RL-09-201_273_200941896_2009-08-27	32	Core	14-Aug-09	27-Aug-09
RL-09-202	A466986 to A467075	RL-09-202_273_200941990_2009-09-10	90	Core	25-Aug-09	10-Sep-09
RL-09-202	A467076 to A467367	RL-09-202_273_200942002_2009-09-11	292	Core	27-Aug-09	11-Sep-09
RL-09-202	A467378 to A467397	RL-09-202_273_200942057_2009-09-15	20	Core	31-Aug-09	15-Sep-09
RL-09-202	A467368 to A467377	RL-09-202_273_200942155_2009-09-17	10	Core	4-Sep-09	17-Sep-09
RL-09-203	A461908 to A461950 & A466501 to A466574	RL-09-203_273_200941943_2009-09-02	117	Core	20-Aug-09	2-Sep-09
RL-09-203	A466575 to A466689, A466693	RL-09-203_273_200941966_2009-09-04	116	Core	24-Aug-09	4-Sep-09
RL-09-203	A466694 to A466780	RL-09-203_273_200942122_2009-09-17	87	Core	3-Sep-09	17-Sep-09
RL-09-203	A466690 to A466692	RL-09-203_273_200942154_2009-09-15	3	Core	4-Sep-09	15-Sep-09

Certificate of Analysis

Friday, September 11, 2009

GoldCorp Inc. (RL_Reg_Exp)
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P0V1G0
Ph#: (807) 735-2077
Fax#: (807) 662-4512
Email#: pchantigny@goldcorp.com

Date Received: Aug 27, 2009
Date Completed: Sep 11, 2009
Job #: 200942004
Reference: RL-09-083
Sample #: 90 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138269	A466781	16	<0.001	0.016
138270	A466782	29	<0.001	0.029
138271	A466783	117	0.003	0.117
138272	A466784	108	0.003	0.108
138273	A466785	212	0.006	0.212
138274	A466786	25	<0.001	0.025
138275	A466787	<5	<0.001	<0.005
138276 Dup	A466787	<5	<0.001	<0.005
138277	A466788	<5	<0.001	<0.005
138278	A466789	<5	<0.001	<0.005
138279	A466790	57	0.002	0.057
138280	A466791	47	0.001	0.047
138281	A466792	39	0.001	0.039
138282	A466793	40	0.001	0.040
138283	A466794	8	<0.001	0.008
138284	A466795	11	<0.001	0.011
138285	A466796	7	<0.001	0.007
138286	A466797	30	<0.001	0.030
138287 Dup	A466797	15	<0.001	0.015
138288	A466798	<5	<0.001	<0.005
138289	A466799	748	0.022	0.748
138290	A466800	9	<0.001	0.009
138291	A466801	7	<0.001	0.007
138292	A466802	12	<0.001	0.012

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Friday, September 11, 2009

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 Date Completed: Sep 11, 2009
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 Sample #: 90 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138293	A466803	42	0.001	0.042
138294	A466804	110	0.003	0.110
138295	A466805	32	<0.001	0.032
138296	A466806	14	<0.001	0.014
138297	A466807	91	0.003	0.091
138298 Dup	A466807	35	0.001	0.035
138299	A466808	14	<0.001	0.014
138300	A466809	31	<0.001	0.031
138301	A466810	46	0.001	0.046
138302	A466811	24	<0.001	0.024
138303	A466812	21	<0.001	0.021
138304	A466813	81	0.002	0.081
138305	A466814	126	0.004	0.126
138306	A466815	56	0.002	0.056
138307	A466816	24	<0.001	0.024
138308	A466817	28	<0.001	0.028
138309 Dup	A466817	12	<0.001	0.012
138310	A466818	91	0.003	0.091
138311	A466819	32	<0.001	0.032
138312	A466820	20	<0.001	0.020
138313	A466821	224	0.007	0.224
138314	A466822	83	0.002	0.083
138315	A466823	196	0.006	0.196
138316	A466824	56	0.002	0.056

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Sample #: 90 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138317	A466825	40	0.001	0.040
138318	A466826	13	<0.001	0.013
138319	A466827	35	0.001	0.035
138320 Dup	A466827	45	0.001	0.045
138321	A466828	72	0.002	0.072
138322	A466829	14	<0.001	0.014
138323	A466830	14	<0.001	0.014
138324	A466831	22	<0.001	0.022
138325	A466832	185	0.005	0.185
138326	A466833	24	<0.001	0.024
138327	A466834	155	0.005	0.155
138328	A466835	90	0.003	0.090
138329	A466836	24	<0.001	0.024
138330	A466837	<5	<0.001	<0.005
138331 Rep	A466837	<5	<0.001	<0.005
138332	A466838	<5	<0.001	<0.005
138333	A466839	6	<0.001	0.006
138334	A466840	9	<0.001	0.009
138335	A466841	38	0.001	0.038
138336	A466842	45	0.001	0.045
138337	A466843	30	<0.001	0.030
138338	A466844	8	<0.001	0.008
138339	A466845	6	<0.001	0.006
138340	A466846	<5	<0.001	<0.005

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 Sample #: 90 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138341	A466847	<5	<0.001	<0.005
138342 Dup	A466847	<5	<0.001	<0.005
138343	A466848	7	<0.001	0.007
138344	A466849	715	0.021	0.715
138345	A466850	<5	<0.001	<0.005
138346	A466851	22	<0.001	0.022
138347	A466852	9	<0.001	0.009
138348	A466853	18	<0.001	0.018
138349	A466854	69	0.002	0.069
138350	A466855	31	<0.001	0.031
138351	A466856	10	<0.001	0.010
138352	A466857	<5	<0.001	<0.005
138353 Dup	A466857	<5	<0.001	<0.005
138354	A466858	11	<0.001	0.011
138355	A466859	7	<0.001	0.007
138356	A466860	23	<0.001	0.023
138357	A466861	89	0.003	0.089
138358	A466862	59	0.002	0.059
138359	A466863	43	0.001	0.043
138360	A466864	42	0.001	0.042
138361	A466865	57	0.002	0.057
138362	A466866	21	<0.001	0.021
138363	A466867	74	0.002	0.074
138364 Dup	A466867	48	0.001	0.048

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 Sample #: 90 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138365	A466868	45	0.001	0.045
138366	A466869	15	<0.001	0.015
138367	A466870	20	<0.001	0.020

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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 Date Received: Aug 31, 2009
 Date Completed: Sep 15, 2009
 Job #: 200942059
 Reference: RL-09-203
 Sample #: 115 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
140646	A466871	23	<0.001	0.023
140647	A466872	168	0.005	0.168
140648	A466873	43	0.001	0.043
140649	A466874	15	<0.001	0.015
140650	A466875	72	0.002	0.072
140651	A466876	12	<0.001	0.012
140652 Dup	A466876	12	<0.001	0.012
140653	A466877	12	<0.001	0.012
140654	A466878	114	0.003	0.114
140655	A466879	37	0.001	0.037
140656	A466880	10	<0.001	0.010
140657	A466881	55	0.002	0.055
140658	A466882	19	<0.001	0.019
140659	A466883	<5	<0.001	<0.005
140660	A466884	12	<0.001	0.012
140661	A466885	16	<0.001	0.016
140662 Dup	A466885	19	<0.001	0.019
140663	A466886	27	<0.001	0.027
140664	A466887	16	<0.001	0.016
140665	A466888	20	<0.001	0.020
140666	A466889	28	<0.001	0.028
140667	A466890	9	<0.001	0.009
140668	A466891	97	0.003	0.097
140669	A466892	75	0.002	0.075

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 Sample #: 115 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
140670	A466893	13	<0.001	0.013
140671	A466894	5	<0.001	0.005
140672	A466895	10	<0.001	0.010
140673 Rep	A466895	10	<0.001	0.010
140674	A466896	73	0.002	0.073
140675	A466897	39	0.001	0.039
140676	A466898	14	<0.001	0.014
140677	A466899	743	0.022	0.743
140678	A466900	15	<0.001	0.015
140679	A466901	37	0.001	0.037
140680	A466902	8	<0.001	0.008
140681	A466903	15	<0.001	0.015
140682	A466904	10	<0.001	0.010
140683	A466905	66	0.002	0.066
140684 Dup	A466905	19	<0.001	0.019
140685	A466906	9	<0.001	0.009
140686	A466907	10	<0.001	0.010
140687	A466908	10	<0.001	0.010
140688	A466909	9	<0.001	0.009
140689	A466910	12	<0.001	0.012
140690	A466911	9	<0.001	0.009
140691	A466912	6	<0.001	0.006
140692	A466913	40	0.001	0.040
140693	A466914	50	0.001	0.050

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 Reference: RL-09-203
 Sample #: 115 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
140694	A466915	989	0.029	0.989
140695	Dup A466915	1000	0.029	1.000
140696	A466916	34	<0.001	0.034
140697	A466917	69	0.002	0.069
140698	A466918	21	<0.001	0.021
140699	A466919	19	<0.001	0.019
140700	A466920	13	<0.001	0.013
140701	A466921	30	<0.001	0.030
140702	A466922	15	<0.001	0.015
140703	A466923	18	<0.001	0.018
140704	A466924	34	<0.001	0.034
140705	A466925	30	<0.001	0.030
140706	Dup A466925	35	0.001	0.035
140707	A466926	39	0.001	0.039
140708	A466927	288	0.008	0.288
140709	A466928	25	<0.001	0.025
140710	A466929	21	<0.001	0.021
140711	A466930	33	<0.001	0.033
140712	A466931	35	0.001	0.035
140713	A466932	13	<0.001	0.013
140714	A466933	13	<0.001	0.013
140715	A466934	18	<0.001	0.018
140716	A466935	11	<0.001	0.011
140717	Dup A466935	7	<0.001	0.007

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
140718	A466936	5	<0.001	0.005
140719	A466937	<5	<0.001	<0.005
140720	A466938	110	0.003	0.110
140721	A466939	31	<0.001	0.031
140722	A466940	54	0.002	0.054
140723	A466941	164	0.005	0.164
140724	A466942	15	<0.001	0.015
140725	A466943	18	<0.001	0.018
140726	A466944	6	<0.001	0.006
140727	A466945	9	<0.001	0.009
140728 Dup	A466945	10	<0.001	0.010
140729	A466946	18	<0.001	0.018
140730	A466947	6	<0.001	0.006
140731	A466948	46	0.001	0.046
140732	A466949	708	0.021	0.708
140733	A466950	11	<0.001	0.011
140734	A466951	35	0.001	0.035
140735	A466952	158	0.005	0.158
140736	A466953	32	<0.001	0.032
140737	A466954	18	<0.001	0.018
140738	A466955	18	<0.001	0.018
140739 Dup	A466955	18	<0.001	0.018
140740	A466956	53	0.002	0.053
140741	A466957	16	<0.001	0.016

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
140742	A466958	11	<0.001	0.011
140743	A466959	69	0.002	0.069
140744	A466960	31	<0.001	0.031
140745	A466961	62	0.002	0.062
140746	A466962	60	0.002	0.060
140747	A466963	40	0.001	0.040
140748	A466964	28	<0.001	0.028
140749	A466965	56	0.002	0.056
140750 Dup	A466965	42	0.001	0.042
140751	A466966	39	0.001	0.039
140752	A466967	79	0.002	0.079
140753	A466968	224	0.007	0.224
140754	A466969	12	<0.001	0.012
140755	A466970	29	<0.001	0.029
140756	A466971	87	0.003	0.087
140757	A466972	95	0.003	0.095
140758	A466973	51	0.001	0.051
140759	A466974	149	0.004	0.149
140760	A466975	40	0.001	0.040
140761 Dup	A466975	45	0.001	0.045
140762	A466976	10	<0.001	0.010
140763	A466977	13	<0.001	0.013
140764	A466978	319	0.009	0.319
140765	A466979	266	0.008	0.266

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 Date Completed: Sep 15, 2009
 Job #: 200942059
 Reference: RL-09-203
 Sample #: 115 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
140766	A466980	282	0.008	0.282
140767	A466981	28	<0.001	0.028
140768	A466982	27	<0.001	0.027
140769	A466983	8	<0.001	0.008
140770	A466984	17	<0.001	0.017
140771	A466985	<5	<0.001	<0.005
140772 Dup	A466985	10	<0.001	0.010

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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 Email#: pchantigny@goldcorp.com

 Date Received: Jun 17, 2009
 Date Completed: Jun 24, 2009
 Job #: 200941370
 Reference: RL-09-196
 Sample #: 88 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
103084	A445401	<5	<0.001	<0.005
103085	A445402	<5	<0.001	<0.005
103086	A445403	8	<0.001	0.008
103087	A445404	<5	<0.001	<0.005
103088	A445405	<5	<0.001	<0.005
103089	A445406	<5	<0.001	<0.005
103090	A445407	<5	<0.001	<0.005
103091	Dup A445407	<5	<0.001	<0.005
103092	A445408	<5	<0.001	<0.005
103093	A445409	<5	<0.001	<0.005
103094	A445410	<5	<0.001	<0.005
103095	A445411	<5	<0.001	<0.005
103096	A445412	<5	<0.001	<0.005
103097	A445413	<5	<0.001	<0.005
103098	A445414	<5	<0.001	<0.005
103099	A445415	<5	<0.001	<0.005
103100	A445416	<5	<0.001	<0.005
103101	A445417	<5	<0.001	<0.005
103102	Dup A445417	<5	<0.001	<0.005
103103	A445418	<5	<0.001	<0.005
103104	A445419	<5	<0.001	<0.005
103105	A445420	<5	<0.001	<0.005
103106	A445421	<5	<0.001	<0.005
103107	A445422	<5	<0.001	<0.005

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 Date Completed: Jun 24, 2009
 Job #: 200941370
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 Sample #: 88 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
103108	A445423	<5	<0.001	<0.005
103109	A445424	<5	<0.001	<0.005
103110	A445425	17	<0.001	0.017
103111	A445426	<5	<0.001	<0.005
103112	A445427	<5	<0.001	<0.005
103113 Dup	A445427	<5	<0.001	<0.005
103114	A445428	<5	<0.001	<0.005
103115	A445429	<5	<0.001	<0.005
103116	A445430	12	<0.001	0.012
103117	A445431	<5	<0.001	<0.005
103118	A445432	18	<0.001	0.018
103119	A445433	19	<0.001	0.019
103120	A445434	36	0.001	0.036
103121	A445435	29	<0.001	0.029
103122	A445436	67	0.002	0.067
103123	A445437	144	0.004	0.144
103124 Dup	A445437	127	0.004	0.127
103125	A445438	76	0.002	0.076
103126	A445439	82	0.002	0.082
103127	A445440	85	0.002	0.085
103128	A445441	72	0.002	0.072
103129	A445442	105	0.003	0.105
103130	A445443	61	0.002	0.061
103131	A445444	22	<0.001	0.022

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 Date Completed: Jun 24, 2009
 Job #: 200941370
 Reference: RL-09-196
 Sample #: 88 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
103132	A445445	11	<0.001	0.011
103133	A445446	10	<0.001	0.010
103134	A445447	12	<0.001	0.012
103135 Dup	A445447	13	<0.001	0.013
103136	A445448	9	<0.001	0.009
103137	A445449	707	0.021	0.707
103138	A445450	7	<0.001	0.007
103139	A445451	<5	<0.001	<0.005
103140	A445452	<5	<0.001	<0.005
103141	A445453	<5	<0.001	<0.005
103142	A445454	<5	<0.001	<0.005
103143	A445455	<5	<0.001	<0.005
103144	A445456	<5	<0.001	<0.005
103145	A445457	<5	<0.001	<0.005
103146 Dup	A445457	<5	<0.001	<0.005
103147	A445458	6	<0.001	0.006
103148	A445459	<5	<0.001	<0.005
103149	A445460	<5	<0.001	<0.005
103150	A445461	<5	<0.001	<0.005
103151	A445462	<5	<0.001	<0.005
103152	A445463	<5	<0.001	<0.005
103153	A445464	6	<0.001	0.006
103154	A445465	<5	<0.001	<0.005
103155	A445466	<5	<0.001	<0.005

Certificate of Analysis

Friday, June 26, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jun 17, 2009
 Date Completed: Jun 24, 2009
 Job #: 200941370
 Reference: RL-09-196
 Sample #: 88 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
103156	A445467	<5	<0.001	<0.005
103157	Rep A445467	<5	<0.001	<0.005
103158	A445468	8	<0.001	0.008
103159	A445469	<5	<0.001	<0.005
103160	A445470	<5	<0.001	<0.005
103161	A445471	5	<0.001	0.005
103162	A445472	9	<0.001	0.009
103163	A445473	7	<0.001	0.007
103164	A445474	7	<0.001	0.007
103165	A445475	10	<0.001	0.010
103166	A445476	13	<0.001	0.013
103167	A445477	11	<0.001	0.011
103168	Dup A445477	<5	<0.001	<0.005
103169	A445478	<5	<0.001	<0.005
103170	A445479	<5	<0.001	<0.005
103171	A445480	<5	<0.001	<0.005
103172	A445481	102	0.003	0.102
103173	A445482	29	<0.001	0.029
103174	A445483	5	<0.001	0.005
103175	A445484	<5	<0.001	<0.005
103176	A445485	62	0.002	0.062
103177	A445486	26	<0.001	0.026
103178	A445487	7	<0.001	0.007
103179	Dup A445487	6	<0.001	0.006

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Friday, June 26, 2009

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 Date Received: Jun 17, 2009
 Date Completed: Jun 24, 2009
 Job #: 200941370
 Reference: RL-09-196
 Sample #: 88 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
103180	A445488	28	<0.001	0.028

PROCEDURE CODES: ALFA1


Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jun 19, 2009
 Date Completed: Jun 26, 2009
 Job #: 200941390
 Reference: RL-09-196
 Sample #: 62 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
104444	A445489	21	<0.001	0.021
104445	A445490	175	0.005	0.175
104446	A445491	151	0.004	0.151
104447	A445492	197	0.006	0.197
104448	A445493	120	0.003	0.120
104449	A445494	463	0.014	0.463
104450	A445495	34	<0.001	0.034
104451	A445496	294	0.009	0.294
104452	A445497	1030	0.030	1.030
104453	A445498	2657	0.078	2.657
104454 Dup	A445498	2836	0.083	2.836
104455	A445499	7051	0.206	7.051
104456	A445500	<5	<0.001	<0.005
104457	A445501	986	0.029	0.986
104458	A445502	929	0.027	0.929
104459	A445503	1471	0.043	1.471
104460	A445504	115	0.003	0.115
104461	A445505	455	0.013	0.455
104462	A445506	924	0.027	0.924
104463	A445507	1520	0.044	1.520
104464	A445508	1371	0.040	1.371
104465 Dup	A445508	1381	0.040	1.381
104466	A445509	887	0.026	0.887
104467	A445510	747	0.022	0.747

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 Date Received: Jun 19, 2009
 Date Completed: Jun 26, 2009
 Job #: 200941390
 Reference: RL-09-196
 Sample #: 62 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
104468	A445511	1198	0.035	1.198
104469	A445512	1313	0.038	1.313
104470	A445513	1234	0.036	1.234
104471	A445514	797	0.023	0.797
104472	A445515	3973	0.116	3.973
104473	A445516	1283	0.037	1.283
104474	A445517	376	0.011	0.376
104475	A445518	1526	0.045	1.526
104476 Dup	A445518	1642	0.048	1.642
104477	A445519	631	0.018	0.631
104478	A445520	5590	0.163	5.590
104479	A445521	362	0.011	0.362
104480	A445522	741	0.022	0.741
104481	A445523	595	0.017	0.595
104482	A445524	319	0.009	0.319
104483	A445525	2513	0.073	2.513
104484	A445526	499	0.015	0.499
104485	A445527	282	0.008	0.282
104486	A445528	437	0.013	0.437
104487 Dup	A445528	269	0.008	0.269
104488	A445529	98	0.003	0.098
104489	A445530	20	<0.001	0.020
104490	A445531	9	<0.001	0.009
104491	A445532	6	<0.001	0.006

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 Job #: 200941390
 Reference: RL-09-196
 Sample #: 62 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
104492	A445533	11	<0.001	0.011
104493	A445534	42	0.001	0.042
104494	A445535	12	<0.001	0.012
104495	A445536	20	<0.001	0.020
104496	A445537	6	<0.001	0.006
104497	A445538	20	<0.001	0.020
104498	Dup A445538	21	<0.001	0.021
104499	A445539	9	<0.001	0.009
104500	A445540	15	<0.001	0.015
104501	A445541	117	0.003	0.117
104502	A445542	45	0.001	0.045
104503	A445543	9	<0.001	0.009
104504	A445544	15	<0.001	0.015
104505	A445545	156	0.005	0.156
104506	A445546	436	0.013	0.436
104507	A445547	202	0.006	0.202
104508	A445548	248	0.007	0.248
104509	Rep A445548	198	0.006	0.198
104510	A445549	7081	0.207	7.081
104511	A445550	<5	<0.001	<0.005

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Date Received: Jun 19, 2009
 Date Completed: Jun 26, 2009
 Job #: 200941390
 Reference: RL-09-196
 Sample #: 62 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
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PROCEDURE CODES: ALFA1



Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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 Email#: pchantigny@goldcorp.com

 Date Received: Jun 24, 2009
 Date Completed: Jul 7, 2009
 Job #: 200941431
 Reference: RL-09-196
 Sample #: 101 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
106631	A445551	11	<0.001	0.011
106632	A445552	21	<0.001	0.021
106633	A445553	19	<0.001	0.019
106634	A445554	23	<0.001	0.023
106635	A445555	16	<0.001	0.016
106636	A445556	10	<0.001	0.010
106637	A445557	55	0.002	0.055
106638 Dup	A445557	22	<0.001	0.022
106639	A445558	21	<0.001	0.021
106640	A445559	88	0.003	0.088
106641	A445560	549	0.016	0.549
106642	A445561	71	0.002	0.071
106643	A445562	381	0.011	0.381
106644	A445563	11	<0.001	0.011
106645	A445564	12	<0.001	0.012
106646	A445565	18	<0.001	0.018
106647	A445566	74	0.002	0.074
106648	A445567	<5	<0.001	<0.005
106649	A445567	9	<0.001	0.009
106650	A445568	<5	<0.001	<0.005
106651	A445569	<5	<0.001	<0.005
106652	A445570	24	<0.001	0.024
106653	A445571	74	0.002	0.074
106654	A445572	6	<0.001	0.006

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 Date Received: Jun 24, 2009
 Date Completed: Jul 7, 2009
 Job #: 200941431
 Reference: RL-09-196
 Sample #: 101 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
106655	A445573	<5	<0.001	<0.005
106656	A445574	35	0.001	0.035
106657	A445575	516	0.015	0.516
106658	A445576	10	<0.001	0.010
106659	A445577	9	<0.001	0.009
106660 Dup	A445577	12	<0.001	0.012
106661	A445578	10	<0.001	0.010
106662	A445579	<5	<0.001	<0.005
106663	A445580	<5	<0.001	<0.005
106664	A445581	8	<0.001	0.008
106665	A445582	16	<0.001	0.016
106666	A445583	19	<0.001	0.019
106667	A445584	7	<0.001	0.007
106668	A445585	8	<0.001	0.008
106669	A445586	8	<0.001	0.008
106670	A445587	19	<0.001	0.019
106671 Dup	A445587	22	<0.001	0.022
106672	A445588	11	<0.001	0.011
106673	A445589	21	<0.001	0.021
106674	A445590	6	<0.001	0.006
106675	A445591	8	<0.001	0.008
106676	A445592	18	<0.001	0.018
106677	A445593	<5	<0.001	<0.005
106678	A445594	<5	<0.001	<0.005

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 Date Received: Jun 24, 2009
 Date Completed: Jul 7, 2009
 Job #: 200941431
 Reference: RL-09-196
 Sample #: 101 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
106679	A445595	5	<0.001	0.005
106680	A445596	37	0.001	0.037
106681	A445597	81	0.002	0.081
106682 Dup	A445597	18	<0.001	0.018
106683	A445598	11	<0.001	0.011
106684	A445599	698	0.020	0.698
106685	A445600	<5	<0.001	<0.005
106686	A445601	7	<0.001	0.007
106687	A445602	9	<0.001	0.009
106688	A445603	7	<0.001	0.007
106689	A445604	9	<0.001	0.009
106690	A445605	10	<0.001	0.010
106691	A445606	<5	<0.001	<0.005
106692	A445607	7	<0.001	0.007
106693 Rep	A445607	5	<0.001	0.005
106694	A445608	<5	<0.001	<0.005
106695	A445609	38	0.001	0.038
106696	A445610	12	<0.001	0.012
106697	A445611	22	<0.001	0.022
106698	A445612	<5	<0.001	<0.005
106699	A445613	<5	<0.001	<0.005
106700	A445614	31	<0.001	0.031
106701	A445615	18	<0.001	0.018
106702	A445616	16	<0.001	0.016

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 Date Received: Jun 24, 2009
 Date Completed: Jul 7, 2009
 Job #: 200941431
 Reference: RL-09-196
 Sample #: 101 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
106703	A445617	6	<0.001	0.006
106704 Dup	A445617	6	<0.001	0.006
106705	A445618	<5	<0.001	<0.005
106706	A445619	<5	<0.001	<0.005
106707	A445620	59	0.002	0.059
106708	A445621	<5	<0.001	<0.005
106709	A445622	<5	<0.001	<0.005
106710	A445623	<5	<0.001	<0.005
106711	A445624	9	<0.001	0.009
106712	A445625	26	<0.001	0.026
106713	A445626	<5	<0.001	<0.005
106714	A445627	124	0.004	0.124
106715 Dup	A445627	127	0.004	0.127
106716	A445628	15	<0.001	0.015
106717	A445629	7	<0.001	0.007
106718	A445630	<5	<0.001	<0.005
106719	A445631	<5	<0.001	<0.005
106720	A445632	<5	<0.001	<0.005
106721	A445633	<5	<0.001	<0.005
106722	A445634	<5	<0.001	<0.005
106723	A445635	6	<0.001	0.006
106724	A445636	192	0.006	0.192
106725	A445637	<5	<0.001	<0.005
106726 Dup	A445637	8	<0.001	0.008

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Tuesday, July 7, 2009

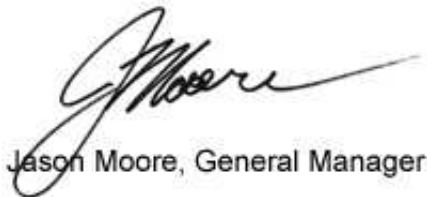
 GoldCorp Inc. (RL_Reg_Exp)
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 Ph#: (807) 735-2077
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 Date Received: Jun 24, 2009
 Date Completed: Jul 7, 2009
 Job #: 200941431
 Reference: RL-09-196
 Sample #: 101 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
106727	A445638	7	<0.001	0.007
106728	A445639	6	<0.001	0.006
106729	A445640	<5	<0.001	<0.005
106730	A445641	<5	<0.001	<0.005
106731	A445642	<5	<0.001	<0.005
106732	A445643	<5	<0.001	<0.005
106733	A445644	<5	<0.001	<0.005
106734	A445645	<5	<0.001	<0.005
106735	A445646	5	<0.001	0.005
106736	A445647	<5	<0.001	<0.005
106737 Dup	A445647	<5	<0.001	<0.005
106738	A445648	149	0.004	0.149
106739	A445649	673	0.020	0.673
106740	A445650	<5	<0.001	<0.005
106741	A445651	<5	<0.001	<0.005

PROCEDURE CODES: ALFA1

Certified By:


 Jason Moore, General Manager

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 Email#: pchantigny@goldcorp.com

 Date Received: Jun 26, 2009
 Date Completed: Jul 7, 2009
 Job #: 200941444
 Reference: RL-09-197
 Sample #: 62 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
107234	A445652	10	<0.001	0.010
107235	A445653	7	<0.001	0.007
107236	A445654	<5	<0.001	<0.005
107237	A445655	53	0.002	0.053
107238	A445656	393	0.011	0.393
107239	A445657	226	0.007	0.226
107240	Dup A445657	212	0.006	0.212
107241	A445658	28	<0.001	0.028
107242	A445659	14	<0.001	0.014
107243	A445660	42	0.001	0.042
107244	A445661	<5	<0.001	<0.005
107245	A445662	10	<0.001	0.010
107246	A445663	14	<0.001	0.014
107247	A445664	35	0.001	0.035
107248	A445665	54	0.002	0.054
107249	A445666	114	0.003	0.114
107250	A445667	<5	<0.001	<0.005
107251	Dup A445667	<5	<0.001	<0.005
107252	A445668	<5	<0.001	<0.005
107253	A445669	<5	<0.001	<0.005
107254	A445670	<5	<0.001	<0.005
107255	A445671	<5	<0.001	<0.005
107256	A445672	<5	<0.001	<0.005
107257	A445673	<5	<0.001	<0.005

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 Date Received: Jun 26, 2009
 Date Completed: Jul 7, 2009
 Job #: 200941444
 Reference: RL-09-197
 Sample #: 62 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
107258	A445674	<5	<0.001	<0.005
107259	A445675	<5	<0.001	<0.005
107260	A445676	<5	<0.001	<0.005
107261	A445677	<5	<0.001	<0.005
107262	Dup A445677	<5	<0.001	<0.005
107263	A445678	<5	<0.001	<0.005
107264	A445679	6	<0.001	0.006
107265	A445680	<5	<0.001	<0.005
107266	A445681	<5	<0.001	<0.005
107267	A445682	<5	<0.001	<0.005
107268	A445683	<5	<0.001	<0.005
107269	A445684	14	<0.001	0.014
107270	A445685	<5	<0.001	<0.005
107271	A445686	195	0.006	0.195
107272	A445687	13	<0.001	0.013
107273	Dup A445687	<5	<0.001	<0.005
107274	A445688	16	<0.001	0.016
107275	A445689	52	0.002	0.052
107276	A445690	342	0.010	0.342
107277	A445691	863	0.025	0.863
107278	A445692	649	0.019	0.649
107279	A445693	544	0.016	0.544
107280	A445694	1406	0.041	1.406
107281	A445695	101	0.003	0.101

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 Date Completed: Jul 7, 2009
 Job #: 200941444
 Reference: RL-09-197
 Sample #: 62 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
107282	A445696	234	0.007	0.234
107283	A445697	978	0.029	0.978
107284 Dup	A445697	957	0.028	0.957
107285	A445698	765	0.022	0.765
107286	A445699	675	0.020	0.675
107287	A445700	<5	<0.001	<0.005
107288	A445701	203	0.006	0.203
107289	A445702	1268	0.037	1.268
107290	A445703	331	0.010	0.331
107291	A445704	93	0.003	0.093
107292	A445705	115	0.003	0.115
107293	A445706	229	0.007	0.229
107294	A445707	200	0.006	0.200
107295 Rep	A445707	202	0.006	0.202
107296	A445708	320	0.009	0.320
107297	A445709	207	0.006	0.207
107298	A445710	159	0.005	0.159
107299	A445711	987	0.029	0.987
107300	A445712	121	0.004	0.121
107301	A445713	540	0.016	0.540

Certificate of Analysis

Tuesday, July 7, 2009

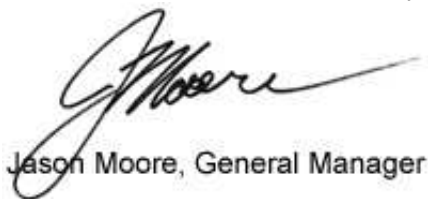
GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

Date Received: Jun 26, 2009
 Date Completed: Jul 7, 2009
 Job #: 200941444
 Reference: RL-09-197
 Sample #: 62 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
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PROCEDURE CODES: ALFA1

Certified By:



Jason Moore, General Manager

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Thursday, August 6, 2009

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 Email#: pchantigny@goldcorp.com

Date Received: Jul 2, 2009
 Date Completed: Jul 14, 2009
 Job #: 200941475
 Reference: RL-09-197
 Sample #: 53 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
110277	A445726	144	0.004	0.144
110278	A445727	342	0.010	0.342
110279	A445728	525	0.015	0.525
110280	A445729	105	0.003	0.105
110281	A445730	176	0.005	0.176
110282	A445731	89	0.003	0.089
110283	A445732	116	0.003	0.116
110284	A445733	163	0.005	0.163
110285	A445734	24	<0.001	0.024
110286 Dup	A445734	27	<0.001	0.027
110287	A445735	117	0.003	0.117
110288	A445736	72	0.002	0.072
110289	A445737	32	<0.001	0.032
110290	A445738	106	0.003	0.106
110291	A445739	39	0.001	0.039
110292	A445740	30	<0.001	0.030
110293	A445741	53	0.002	0.053
110294	A445742	55	0.002	0.055
110295	A445743	66	0.002	0.066
110296	A445744	21	<0.001	0.021
110297 Dup	A445744	22	<0.001	0.022
110298	A445745	32	<0.001	0.032
110299	A445746	25	<0.001	0.025
110300	A445747	127	0.004	0.127

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 2, 2009
 Date Completed: Jul 14, 2009
 Job #: 200941475
 Reference: RL-09-197
 Sample #: 53 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
110301	A445748	1714	0.050	1.714
110302	A445749	774	0.023	0.774
110303	A445750	<1	<0.001	<0.001
120187	A444751	396	0.012	0.396
120188	A444752	624	0.018	0.624
120189	A444753	41	0.001	0.041
120190	A444754	27	<0.001	0.027
120191 Dup	A444754	31	<0.001	0.031
120192	A444755	53	0.002	0.053
120193	A444756	41	0.001	0.041
120194	A444757	300	0.009	0.300
120195	A444758	542	0.016	0.542
120196	A444759	131	0.004	0.131
120197	A444760	25	<0.001	0.025
120198	A444761	89	0.003	0.089
120199	A444762	30	<0.001	0.030
120200	A444763	215	0.006	0.215
120201	A444764	422	0.012	0.422
120202 Dup	A444764	406	0.012	0.406
120203	A444765	42	0.001	0.042
120204	A444766	70	0.002	0.070
120205	A444767	91	0.003	0.091
120206	A444768	148	0.004	0.148
120207	A444769	200	0.006	0.200

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 2, 2009
 Date Completed: Jul 14, 2009
 Job #: 200941475
 Reference: RL-09-197
 Sample #: 53 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
120208	A444770	59	0.002	0.059
120209	A444771	82	0.002	0.082
120210	A444772	185	0.005	0.185
120211	A444773	22	<0.001	0.022
120212	A444774	35	0.001	0.035
120213 Dup	A444774	12	<0.001	0.012
120214	A444775	6	<0.001	0.006
120215	A444776	66	0.002	0.066
120216	A444777	15	<0.001	0.015
120217	A444778	27	<0.001	0.027

PROCEDURE CODES: ALFA1

Certified By:


 Jason Moore, General Manager

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Thursday, July 16, 2009


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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jul 6, 2009
 Date Completed: Jul 16, 2009
 Job #: 200941506
 Reference: RL-09-197
 Sample #: 6 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
111670	A445714	601	0.018	0.601
111671	A445715	447	0.013	0.447
111672	A445716	319	0.009	0.319
111673	A445717	339	0.010	0.339
111674	A445718	457	0.013	0.457
111675	A445719	287	0.008	0.287
111676 Dup	A445719	282	0.008	0.282

PROCEDURE CODES: ALFA1

Certified By:


 Jason Moore, General Manager

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 8, 2009
 Date Completed: Jul 15, 2009
 Job #: 200941527
 Reference: Extras
 Sample #: 6 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
113583	A445720	219	0.006	0.219
113584	A445721	258	0.008	0.258
113585	A445722	86	0.003	0.086
113586	A445723	35	0.001	0.035
113587	A445724	356	0.010	0.356
113588 Dup	A445724	356	0.010	0.356
113589	A445725	111	0.003	0.111

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 6, 2009
 Date Completed: Jul 15, 2009
 Job #: 200941505
 Reference: RL-09-198
 Sample #: 11 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
111658	A444840	5	<0.001	0.005
111659	A444841	16	<0.001	0.016
111660	A444842	25	<0.001	0.025
111661	A444843	27	<0.001	0.027
111662	A444844	12	<0.001	0.012
111663	A444845	14	<0.001	0.014
111664	A444846	22	<0.001	0.022
111665	A444847	16	<0.001	0.016
111666 Dup	A444847	15	<0.001	0.015
111667	A444848	8	<0.001	0.008
111668	A444849	732	0.021	0.732
111669	A444850	<5	<0.001	<0.005

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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 Date Received: Jul 6, 2009
 Date Completed: Jul 15, 2009
 Job #: 200941508
 Reference: RL-09-198
 Sample #: 130 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
111773	A444851	77	0.002	0.077
111774	A444852	18	<0.001	0.018
111775	A444853	83	0.002	0.083
111776	A444854	219	0.006	0.219
111777	A444855	57	0.002	0.057
111778	A444856	28	<0.001	0.028
111779	A444857	16	<0.001	0.016
111780 Dup	A444857	16	<0.001	0.016
111781	A444858	26	<0.001	0.026
111782	A444859	43	0.001	0.043
111783	A444860	8	<0.001	0.008
111784	A444861	6150	0.179	6.150
111785	A444862	48	0.001	0.048
111786	A444863	66	0.002	0.066
111787	A444864	202	0.006	0.202
111788	A444865	2801	0.082	2.801
111789	A444866	32	<0.001	0.032
111790	A444867	48	0.001	0.048
111791 Dup	A444867	43	0.001	0.043
111792	A444868	23	<0.001	0.023
111793	A444869	23	<0.001	0.023
111794	A444870	14	<0.001	0.014
111795	A444871	24	<0.001	0.024
111796	A444872	69	0.002	0.069

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 Date Received: Jul 6, 2009
 Date Completed: Jul 15, 2009
 Job #: 200941508
 Reference: RL-09-198
 Sample #: 130 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
111797	A444873	28	<0.001	0.028
111798	A444874	26	<0.001	0.026
111799	A444875	9	<0.001	0.009
111800	A444876	No Sample Received		
111801	A444877	22	<0.001	0.022
111802 Dup	A444877	24	<0.001	0.024
111803	A444878	253	0.007	0.253
111804	A444879	163	0.005	0.163
111805	A444880	1940	0.057	1.940
111806	A444881	66	0.002	0.066
111807	A444882	27	<0.001	0.027
111808	A444883	108	0.003	0.108
111809	A444884	87	0.003	0.087
111810	A444885	1586	0.046	1.586
111811	A444886	802	0.023	0.802
111812	A444887	114	0.003	0.114
111813 Dup	A444887	116	0.003	0.116
111814	A444888	583	0.017	0.583
111815	A444889	26	<0.001	0.026
111816	A444890	101	0.003	0.101
111817	A444891	49	0.001	0.049
111818	A444892	25	<0.001	0.025
111819	A444893	945	0.028	0.945
111820	A444894	173	0.005	0.173

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 6, 2009
 Date Completed: Jul 15, 2009
 Job #: 200941508
 Reference: RL-09-198
 Sample #: 130 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
111821	A444895	72	0.002	0.072
111822	A444896	221	0.006	0.221
111823	A444897	30	<0.001	0.030
111824 Dup	A444897	30	<0.001	0.030
111825	A444898	114	0.003	0.114
111826	A444899	712	0.021	0.712
111827	A444900	<5	<0.001	<0.005
111828	A444901	102	0.003	0.102
111829	A444902	155	0.005	0.155
111830	A444903	11	<0.001	0.011
111831	A444904	183	0.005	0.183
111832	A444905	39	0.001	0.039
111833	A444906	21	<0.001	0.021
111834	A444907	10	<0.001	0.010
111835 Rep	A444907	12	<0.001	0.012
111836	A444908	12	<0.001	0.012
111837	A444909	17	<0.001	0.017
111838	A444910	20	<0.001	0.020
111839	A444911	37	0.001	0.037
111840	A444912	55	0.002	0.055
111841	A444913	106	0.003	0.106
111842	A444914	13	<0.001	0.013
111843	A444915	14	<0.001	0.014
111844	A444916	9	<0.001	0.009

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 6, 2009
 Date Completed: Jul 15, 2009
 Job #: 200941508
 Reference: RL-09-198
 Sample #: 130 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
111845	A444917	574	0.017	0.574
111846	Dup A444917	581	0.017	0.581
111847	A444918	215	0.006	0.215
111848	A444919	415	0.012	0.415
111849	A444920	35	0.001	0.035
111850	A444921	65	0.002	0.065
111851	A444922	126	0.004	0.126
111852	A444923	51	0.001	0.051
111853	A444924	118	0.003	0.118
111854	A444925	234	0.007	0.234
111855	A444926	280	0.008	0.280
111856	A444927	205	0.006	0.205
111857	Dup A444927	203	0.006	0.203
111858	A444928	<5	<0.001	<0.005
111859	A444929	49	0.001	0.049
111860	A444930	23	<0.001	0.023
111861	A444931	118	0.003	0.118
111862	A444932	14	<0.001	0.014
111863	A444933	66	0.002	0.066
111864	A444934	12	<0.001	0.012
111865	A444935	27	<0.001	0.027
111866	A444936	26	<0.001	0.026
111867	A444937	41	0.001	0.041
111868	Dup A444937	30	<0.001	0.030

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 Date Received: Jul 6, 2009
 Date Completed: Jul 15, 2009
 Job #: 200941508
 Reference: RL-09-198
 Sample #: 130 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
111869	A444938	198	0.006	0.198
111870	A444939	38	0.001	0.038
111871	A444940	229	0.007	0.229
111872	A444941	28	<0.001	0.028
111873	A444942	13	<0.001	0.013
111874	A444943	55	0.002	0.055
111875	A444944	21	<0.001	0.021
111876	A444945	482	0.014	0.482
111877	A444946	16	<0.001	0.016
111878	A444947	16	<0.001	0.016
111879 Dup	A444947	18	<0.001	0.018
111880	A444948	99	0.003	0.099
111881	A444949	717	0.021	0.717
111882	A444950	<5	<0.001	<0.005
111883	A444951	19	<0.001	0.019
111884	A444952	20	<0.001	0.020
111885	A444953	37	0.001	0.037
111886	A444954	73	0.002	0.073
111887	A444955	114	0.003	0.114
111888	A444956	462	0.013	0.462
111889	A444957	1273	0.037	1.273
111890 Dup	A444957	1144	0.033	1.144
111891	A444958	112	0.003	0.112
111892	A444959	30	<0.001	0.030

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 Email#: pchantigny@goldcorp.com

Date Received: Jul 6, 2009

Date Completed: Jul 15, 2009

Job #: 200941508

Reference: RL-09-198

Sample #: 130 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
111893	A444960	170	0.005	0.170
111894	A444961	148	0.004	0.148
111895	A444962	6	<0.001	0.006
111896	A444963	31	<0.001	0.031
111897	A444964	166	0.005	0.166
111898	A444965	48	0.001	0.048
111899	A444966	23	<0.001	0.023
111900	A444967	41	0.001	0.041
111901 Rep	A444967	47	0.001	0.047
111902	A444968	49	0.001	0.049
111903	A444969	170	0.005	0.170
111904	A444970	173	0.005	0.173
111905	A444971	104	0.003	0.104
111906	A444972	139	0.004	0.139
111907	A444973	62	0.002	0.062
111908	A444974	102	0.003	0.102
111909	A444975	75	0.002	0.075
111910	A444976	173	0.005	0.173
111911	A444977	71	0.002	0.071
111912 Dup	A444977	70	0.002	0.070
111913	A444978	158	0.005	0.158
111914	A444979	35	0.001	0.035

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Wednesday, July 15, 2009

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 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

Date Received: Jul 6, 2009
 Date Completed: Jul 15, 2009
 Job #: 200941508
 Reference: RL-09-198
 Sample #: 130 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
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PROCEDURE CODES: ALFA1



Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 7, 2009
 Date Completed: Jul 15, 2009
 Job #: 200941515
 Reference: Extra
 Sample #: 1 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
112073	A444839	17	<0.001	0.017
112074 Dup	A444839	19	<0.001	0.019

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jul 8, 2009
 Date Completed: Jul 16, 2009
 Job #: 200941533
 Reference: RL-09-198
 Sample #: 154 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
114140	A444980	161	0.005	0.161
114141	A444981	18	<0.001	0.018
114142	A444982	15	<0.001	0.015
114143	A444983	21	<0.001	0.021
114144	A444984	10	<0.001	0.010
114145	A444985	9	<0.001	0.009
114146	A444986	82	0.002	0.082
114147	A444987	49	0.001	0.049
114148 Dup	A444987	51	0.001	0.051
114149	A444988	13	<0.001	0.013
114150	A444989	17	<0.001	0.017
114151	A444990	50	0.001	0.050
114152	A444991	11	<0.001	0.011
114153	A444992	57	0.002	0.057
114154	A444993	523	0.015	0.523
114155	A444994	12	<0.001	0.012
114156	A444995	12	<0.001	0.012
114157	A444996	13	<0.001	0.013
114158	A444997	16	<0.001	0.016
114159 Dup	A444997	16	<0.001	0.016
114160	A444998	<5	<0.001	<0.005
114161	A444999	694	0.020	0.694
114162	A445000	5	<0.001	0.005
114163	A460301	17	<0.001	0.017

Certificate of Analysis

Thursday, July 16, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jul 8, 2009
 Date Completed: Jul 16, 2009
 Job #: 200941533
 Reference: RL-09-198
 Sample #: 154 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
114164	A460302	32	<0.001	0.032
114165	A460303	35	0.001	0.035
114166	A460304	53	0.002	0.053
114167	A460305	40	0.001	0.040
114168	A460306	41	0.001	0.041
114169	A460307	13	<0.001	0.013
114170 Dup	A460307	12	<0.001	0.012
114171	A460308	96	0.003	0.096
114172	A460309	30	<0.001	0.030
114173	A460310	26	<0.001	0.026
114174	A460311	14	<0.001	0.014
114175	A460312	14	<0.001	0.014
114176	A460313	7	<0.001	0.007
114177	A460314	60	0.002	0.060
114178	A460315	16	<0.001	0.016
114179	A460316	<5	<0.001	<0.005
114180	A460317	9	<0.001	0.009
114181 Dup	A460317	6	<0.001	0.006
114182	A460318	9	<0.001	0.009
114183	A460319	15	<0.001	0.015
114184	A460320	13	<0.001	0.013
114185	A460321	9	<0.001	0.009
114186	A460322	23	<0.001	0.023
114187	A460323	50	0.001	0.050

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 Job #: 200941533
 Reference: RL-09-198
 Sample #: 154 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
114188	A460324	50	0.001	0.050
114189	A460325	22	<0.001	0.022
114190	A460326	20	<0.001	0.020
114191	A460327	31	<0.001	0.031
114192 Dup	A460327	39	0.001	0.039
114193	A460328	116	0.003	0.116
114194	A460329	48	0.001	0.048
114195	A460330	27	<0.001	0.027
114196	A460331	392	0.011	0.392
114197	A460332	28	<0.001	0.028
114198	A460333	11	<0.001	0.011
114199	A460334	17	<0.001	0.017
114200	A460335	14	<0.001	0.014
114201	A460336	15	<0.001	0.015
114202	A460337	10	<0.001	0.010
114203 Rep	A460337	20	<0.001	0.020
114204	A460338	13	<0.001	0.013
114205	A460339	13	<0.001	0.013
114206	A460340	15	<0.001	0.015
114207	A460341	12	<0.001	0.012
114208	A460342	23	<0.001	0.023
114209	A460343	17	<0.001	0.017
114210	A460344	18	<0.001	0.018
114211	A460345	48	0.001	0.048

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 Date Received: Jul 8, 2009
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 Job #: 200941533
 Reference: RL-09-198
 Sample #: 154 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
114212	A460346	42	0.001	0.042
114213	A460347	252	0.007	0.252
114214 Dup	A460347	254	0.007	0.254
114215	A460348	196	0.006	0.196
114216	A460349	4114	0.120	4.114
114217	A460350	8	<0.001	0.008
114218	A460351	26	<0.001	0.026
114219	A460352	57	0.002	0.057
114220	A460353	157	0.005	0.157
114221	A460354	34	<0.001	0.034
114222	A460355	63	0.002	0.063
114223	A460356	196	0.006	0.196
114224	A460357	55	0.002	0.055
114225 Dup	A460357	35	0.001	0.035
114226	A460358	95	0.003	0.095
114227	A460359	29	<0.001	0.029
114228	A460360	39	0.001	0.039
114229	A460361	304	0.009	0.304
114230	A460362	78	0.002	0.078
114231	A460363	437	0.013	0.437
114232	A460364	607	0.018	0.607
114233	A460365	640	0.019	0.640
114234	A460366	235	0.007	0.235
114235	A460367	511	0.015	0.511

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 Date Received: Jul 8, 2009
 Date Completed: Jul 16, 2009
 Job #: 200941533
 Reference: RL-09-198
 Sample #: 154 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
114236 Dup	A460367	458	0.013	0.458
114237	A460368	137	0.004	0.137
114238	A460369	42	0.001	0.042
114239	A460370	16	<0.001	0.016
114240	A460371	31	<0.001	0.031
114241	A460372	44	0.001	0.044
114242	A460373	32	<0.001	0.032
114243	A460374	49	0.001	0.049
114244	A460375	114	0.003	0.114
114245	A460376	194	0.006	0.194
114246	A460377	280	0.008	0.280
114247 Dup	A460377	241	0.007	0.241
114248	A460378	9	<0.001	0.009
114249	A460379	13	<0.001	0.013
114250	A460380	288	0.008	0.288
114251	A460381	14	<0.001	0.014
114252	A460382	9	<0.001	0.009
114253	A460383	35	0.001	0.035
114254	A460384	8	<0.001	0.008
114255	A460385	10	<0.001	0.010
114256	A460386	109	0.003	0.109
114257	A460387	26	<0.001	0.026
114258 Dup	A460387	47	0.001	0.047
114259	A460388	15	<0.001	0.015

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Date Received: Jul 8, 2009

Date Completed: Jul 16, 2009

Job #: 200941533

Reference: RL-09-198

Sample #: 154 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
114260	A460389	42	0.001	0.042
114261	A460390	17	<0.001	0.017
114262	A460391	90	0.003	0.090
114263	A460392	75	0.002	0.075
114264	A460393	75	0.002	0.075
114265	A460394	22	<0.001	0.022
114266	A460395	16	<0.001	0.016
114267	A460396	34	0.001	0.034
114268	A460397	44	0.001	0.044
114269	Rep A460397	52	0.002	0.052
114270	A460398	23	<0.001	0.023
114271	A460399	691	0.020	0.691
114272	A460400	<5	<0.001	<0.005
114273	A460401	<5	<0.001	<0.005
114274	A460402	<5	<0.001	<0.005
114275	A460403	<5	<0.001	<0.005
114276	A460404	16	<0.001	0.016
114277	A460405	17	<0.001	0.017
114278	A460406	11	<0.001	0.011
114279	A460407	5	<0.001	0.005
114280	Dup A460407	<5	<0.001	<0.005
114281	A460408	16	<0.001	0.016
114282	A460409	14	<0.001	0.014
114283	A460410	9	<0.001	0.009

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 Date Received: Jul 8, 2009
 Date Completed: Jul 16, 2009
 Job #: 200941533
 Reference: RL-09-198
 Sample #: 154 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
114284	A460411	11	<0.001	0.011
114285	A460412	10	<0.001	0.010
114286	A460413	7	<0.001	0.007
114287	A460414	19	<0.001	0.019
114288	A460415	14	<0.001	0.014
114289	A460416	<5	<0.001	<0.005
114290	A460417	<5	<0.001	<0.005
114291 Dup	A460417	<5	<0.001	<0.005
114292	A460418	<5	<0.001	<0.005
114293	A460419	<5	<0.001	<0.005
114294	A460420	49	0.001	0.049
114295	A460421	11	<0.001	0.011
114296	A460422	30	<0.001	0.030
114297	A460423	457	0.013	0.457
114298	A460424	55	0.002	0.055
114299	A460425	89	0.003	0.089
114300	A460426	54	0.002	0.054
114301	A460427	9	<0.001	0.009
114302 Dup	A460427	13	<0.001	0.013
114303	A460428	53	0.002	0.053
114304	A460429	22	<0.001	0.022
114305	A460430	25	<0.001	0.025
114306	A460431	171	0.005	0.171
114307	A460432	39	0.001	0.039

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Date Received: Jul 8, 2009
 Date Completed: Jul 16, 2009
 Job #: 200941533
 Reference: RL-09-198
 Sample #: 154 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
114308	A460433	861	0.025	0.861

PROCEDURE CODES: ALFA1



Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 2, 2009
 Date Completed: Jul 14, 2009
 Job #: 200941618
 Reference: RL-09-198
 Sample #: 60 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
119233	A444779	7	<0.001	0.007
119234	A444780	9	<0.001	0.009
119235	A444781	15	<0.001	0.015
119236	A444782	12	<0.001	0.012
119237	A444783	16	<0.001	0.016
119238	A444784	21	<0.001	0.021
119239	Rep A444784	9	<0.001	0.009
119240	A444785	10	<0.001	0.010
119241	A444786	24	<0.001	0.024
119242	A444787	10	<0.001	0.010
119243	A444788	10	<0.001	0.010
119244	A444789	10	<0.001	0.010
119245	A444790	11	<0.001	0.011
119246	A444791	10	<0.001	0.010
119247	A444792	8	<0.001	0.008
119248	A444793	11	<0.001	0.011
119249	A444794	11	<0.001	0.011
119250	Dup A444794	10	<0.001	0.010
119251	A444795	10	<0.001	0.010
119252	A444796	6	<0.001	0.006
119253	A444797	8	<0.001	0.008
119254	A444798	8	<0.001	0.008
119255	A444799	689	0.020	0.689
119256	A444800	6	<0.001	0.006

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Thursday, August 6, 2009

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 2, 2009
 Date Completed: Jul 14, 2009
 Job #: 200941618
 Reference: RL-09-198
 Sample #: 60 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
119257	A444801	11	<0.001	0.011
119258	A444802	6	<0.001	0.006
119259	A444803	2	<0.001	0.002
119260	A444804	2	<0.001	0.002
119261 Dup	A444804	2	<0.001	0.002
119262	A444805	2	<0.001	0.002
119263	A444806	3	<0.001	0.003
119264	A444807	2	<0.001	0.002
119265	A444808	4	<0.001	0.004
119266	A444809	4	<0.001	0.004
119267	A444810	6	<0.001	0.006
119268	A444811	141	0.004	0.141
119269	A444812	11	<0.001	0.011
119270	A444813	8	<0.001	0.008
119271	A444814	43	0.001	0.043
119272 Dup	A444814	30	<0.001	0.030
119273	A444815	13	<0.001	0.013
119274	A444816	10	<0.001	0.010
119275	A444817	20	<0.001	0.020
119276	A444818	12	<0.001	0.012
119277	A444819	9	<0.001	0.009
119278	A444820	10	<0.001	0.010
119279	A444821	14	<0.001	0.014
119280	A444822	18	<0.001	0.018

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 Date Completed: Jul 14, 2009
 Job #: 200941618
 Reference: RL-09-198
 Sample #: 60 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
119281	A444823	7	<0.001	0.007
119282	A444824	3	<0.001	0.003
119283 Dup	A444824	2	<0.001	0.002
119284	A444825	2	<0.001	0.002
119285	A444826	2	<0.001	0.002
119286	A444827	15	<0.001	0.015
119287	A444828	60	0.002	0.060
119288	A444829	50	0.001	0.050
119289	A444830	20	<0.001	0.020
119290	A444831	37	0.001	0.037
119291	A444832	46	0.001	0.046
119292	A444833	22	<0.001	0.022
119293	A444834	37	0.001	0.037
119294 Dup	A444834	46	0.001	0.046
119295	A444835	28	<0.001	0.028
119296	A444836	16	<0.001	0.016
119297	A444837	60	0.002	0.060
119298	A444838	8	<0.001	0.008

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 Date Received: Jul 2, 2009
 Date Completed: Jul 14, 2009
 Job #: 200941618
 Reference: RL-09-198
 Sample #: 60 Core

Acc #

Client ID

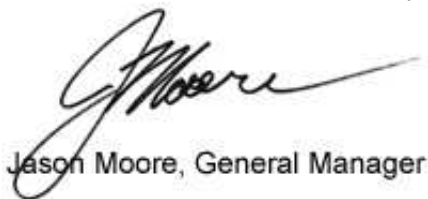
 Au
 ppb

 Au
 oz/t

 Au
 g/t (ppm)

PROCEDURE CODES: ALFA1

Certified By:



 Jason Moore, General Manager

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Monday, July 27, 2009

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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jul 13, 2009
 Date Completed: Jul 27, 2009
 Job #: 200941556
 Reference: RL-09-199
 Sample #: 51 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
115711	A460434	7	<0.001	0.007
115712	A460435	9	<0.001	0.009
115713	A460436	7	<0.001	0.007
115714	A460437	12	<0.001	0.012
115715	A460438	18	<0.001	0.018
115716	A460439	9	<0.001	0.009
115717	A460440	6	<0.001	0.006
115718	A460441	7	<0.001	0.007
115719	A460442	14	<0.001	0.014
115720	A460443	9	<0.001	0.009
115721 Dup	A460443	12	<0.001	0.012
115722	A460444	10	<0.001	0.010
115723	A460445	9	<0.001	0.009
115724	A460446	8	<0.001	0.008
115725	A460447	6	<0.001	0.006
115726	A460448	7	<0.001	0.007
115727	A460449	703	0.021	0.703
115728	A460450	16	<0.001	0.016
115729	A460451	13	<0.001	0.013
115730	A460452	6	<0.001	0.006
115731	A460453	13	<0.001	0.013
115732 Dup	A460453	12	<0.001	0.012
115733	A460454	<5	<0.001	<0.005
115734	A460455	<5	<0.001	<0.005

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 13, 2009
 Date Completed: Jul 27, 2009
 Job #: 200941556
 Reference: RL-09-199
 Sample #: 51 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
115735	A460456	<5	<0.001	<0.005
115736	A460457	<5	<0.001	<0.005
115737	A460458	<5	<0.001	<0.005
115738	A460459	<5	<0.001	<0.005
115739	A460460	<5	<0.001	<0.005
115740	A460461	19	<0.001	0.019
115741	A460462	<5	<0.001	<0.005
115742	A460463	<5	<0.001	<0.005
115743 Dup	A460463	<5	<0.001	<0.005
115744	A460464	18	<0.001	0.018
115745	A460465	57	0.002	0.057
115746	A460466	<5	<0.001	<0.005
115747	A460467	11	<0.001	0.011
115748	A460468	<5	<0.001	<0.005
115749	A460469	<5	<0.001	<0.005
115750	A460470	6	<0.001	0.006
115751	A460471	6	<0.001	0.006
115752	A460472	5	<0.001	0.005
115753	A460473	<5	<0.001	<0.005
115754 Dup	A460473	<5	<0.001	<0.005
115755	A460474	<5	<0.001	<0.005
115756	A460475	<5	<0.001	<0.005
115757	A460476	<5	<0.001	<0.005
115758	A460477	167	0.005	0.167

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 Date Received: Jul 13, 2009
 Date Completed: Jul 27, 2009
 Job #: 200941556
 Reference: RL-09-199
 Sample #: 51 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
115759	A460478	<5	<0.001	<0.005
115760	A460479	<5	<0.001	<0.005
115761	A460480	7	<0.001	0.007
115762	A460481	<5	<0.001	<0.005
115763	A460482	<5	<0.001	<0.005
115764	A460483	7	<0.001	0.007
115765 Dup	A460483	6	<0.001	0.006
115766	A460484	No Sample Received		

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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AL903-0273-07/27/2009 2:20 PM

Certificate of Analysis

Tuesday, July 28, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jul 15, 2009
 Date Completed: Jul 28, 2009
 Job #: 200941574
 Reference: RL-09-199
 Sample #: 150 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
117125	A460484	<5	<0.001	<0.005
117126	A460485	<5	<0.001	<0.005
117127	A460486	17	<0.001	0.017
117128	A460487	<5	<0.001	<0.005
117129	A460488	<5	<0.001	<0.005
117130	A460489	<5	<0.001	<0.005
117131	A460490	<5	<0.001	<0.005
117132	A460491	<5	<0.001	<0.005
117133	A460492	8	<0.001	0.008
117134	A460493	8	<0.001	0.008
117135	Dup A460493	10	<0.001	0.010
117136	A460494	<5	<0.001	<0.005
117137	A460495	<5	<0.001	<0.005
117138	A460496	9	<0.001	0.009
117139	A460497	12	<0.001	0.012
117140	A460498	19	<0.001	0.019
117141	A460499	712	0.021	0.712
117142	A460500	<5	<0.001	<0.005
117143	A460501	10	<0.001	0.010
117144	A460502	6	<0.001	0.006
117145	A460503	<5	<0.001	<0.005
117146	Dup A460503	<5	<0.001	<0.005
117147	A460504	<5	<0.001	<0.005
117148	A460505	5	<0.001	0.005

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Date Received: Jul 15, 2009

Date Completed: Jul 28, 2009

Job #: 200941574

Reference: RL-09-199

Sample #: 150 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
117149	A460506	8	<0.001	0.008
117150	A460507	6	<0.001	0.006
117151	A460508	<5	<0.001	<0.005
117152	A460509	342	0.010	0.342
117153	A460510	8	<0.001	0.008
117154	A460511	5	<0.001	0.005
117155	A460512	5	<0.001	0.005
117156	A460513	<5	<0.001	<0.005
117157 Dup	A460513	22	<0.001	0.022
117158	A460514	<5	<0.001	<0.005
117159	A460515	<5	<0.001	<0.005
117160	A460516	8	<0.001	0.008
117161	A460517	12	<0.001	0.012
117162	A460518	14	<0.001	0.014
117163	A460519	7	<0.001	0.007
117164	A460520	6	<0.001	0.006
117165	A460521	7	<0.001	0.007
117166	A460522	<5	<0.001	<0.005
117167	A460523	6	<0.001	0.006
117168 Dup	A460523	6	<0.001	0.006
117169	A460524	21	<0.001	0.021
117170	A460525	22	<0.001	0.022
117171	A460526	13	<0.001	0.013
117172	A460527	29	<0.001	0.029

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Tuesday, July 28, 2009

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 Date Completed: Jul 28, 2009
 Job #: 200941574
 Reference: RL-09-199
 Sample #: 150 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
117173	A460528	17	<0.001	0.017
117174	A460529	8	<0.001	0.008
117175	A460530	<5	<0.001	<0.005
117176	A460531	7	<0.001	0.007
117177	A460532	<5	<0.001	<0.005
117178	A460533	<5	<0.001	<0.005
117179 Dup	A460533	<5	<0.001	<0.005
117180	A460534	<5	<0.001	<0.005
117181	A460535	<5	<0.001	<0.005
117182	A460536	<5	<0.001	<0.005
117183	A460537	<5	<0.001	<0.005
117184	A460538	9	<0.001	0.009
117185	A460539	<5	<0.001	<0.005
117186	A460540	<5	<0.001	<0.005
117187	A460541	<5	<0.001	<0.005
117188	A460542	6	<0.001	0.006
117189	A460543	<5	<0.001	<0.005
117190 Rep	A460543	<5	<0.001	<0.005
117191	A460544	<5	<0.001	<0.005
117192	A460545	11	<0.001	0.011
117193	A460546	8	<0.001	0.008
117194	A460547	<5	<0.001	<0.005
117195	A460548	<5	<0.001	<0.005
117196	A460549	754	0.022	0.754

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Tuesday, July 28, 2009

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 15, 2009
 Date Completed: Jul 28, 2009
 Job #: 200941574
 Reference: RL-09-199
 Sample #: 150 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
117197	A460550	<5	<0.001	<0.005
117198	A460551	5	<0.001	0.005
117199	A460552	6	<0.001	0.006
117200	A460553	8	<0.001	0.008
117201 Dup	A460553	8	<0.001	0.008
117202	A460554	207	0.006	0.207
117203	A460555	15	<0.001	0.015
117204	A460556	11	<0.001	0.011
117205	A460557	12	<0.001	0.012
117206	A460558	13	<0.001	0.013
117207	A460559	6	<0.001	0.006
117208	A460560	<5	<0.001	<0.005
117209	A460561	6	<0.001	0.006
117210	A460562	<5	<0.001	<0.005
117211	A460563	<5	<0.001	<0.005
117212 Dup	A460563	<5	<0.001	<0.005
117213	A460564	<5	<0.001	<0.005
117214	A460565	<5	<0.001	<0.005
117215	A460566	<5	<0.001	<0.005
117216	A460567	<5	<0.001	<0.005
117217	A460568	<5	<0.001	<0.005
117218	A460569	14	<0.001	0.014
117219	A460570	21	<0.001	0.021
117220	A460571	9	<0.001	0.009

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Tuesday, July 28, 2009

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 Email#: pchantigny@goldcorp.com

Date Received: Jul 15, 2009

Date Completed: Jul 28, 2009

Job #: 200941574

Reference: RL-09-199

Sample #: 150 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
117221	A460572	7	<0.001	0.007
117222	A460573	24	<0.001	0.024
117223 Dup	A460573	27	<0.001	0.027
117224	A460574	<5	<0.001	<0.005
117225	A460575	29	<0.001	0.029
117226	A460576	17	<0.001	0.017
117227	A460577	7	<0.001	0.007
117228	A460578	<5	<0.001	<0.005
117229	A460579	<5	<0.001	<0.005
117230	A460580	<5	<0.001	<0.005
117231	A460581	<5	<0.001	<0.005
117232	A460582	<5	<0.001	<0.005
117233	A460583	<5	<0.001	<0.005
117234 Dup	A460583	<5	<0.001	<0.005
117235	A460584	<5	<0.001	<0.005
117236	A460585	<5	<0.001	<0.005
117237	A460586	<5	<0.001	<0.005
117238	A460587	22	<0.001	0.022
117239	A460588	42	0.001	0.042
117240	A460589	20	<0.001	0.020
117241	A460590	20	<0.001	0.020
117242	A460591	<5	<0.001	<0.005
117243	A460592	24	<0.001	0.024
117244	A460593	27	<0.001	0.027

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Tuesday, July 28, 2009

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 Date Received: Jul 15, 2009
 Date Completed: Jul 28, 2009
 Job #: 200941574
 Reference: RL-09-199
 Sample #: 150 Core

Acc #		Client ID	Au ppb	Au oz/t	Au g/t (ppm)
117245	Dup	A460593	36	0.001	0.036
117246		A460594	36	0.001	0.036
117247		A460595	168	0.005	0.168
117248		A460596	28	<0.001	0.028
117249		A460597	<5	<0.001	<0.005
117250		A460598	<5	<0.001	<0.005
117251		A460599	704	0.021	0.704
117252		A460600	8	<0.001	0.008
117253		A460601	17	<0.001	0.017
117254		A460602	48	0.001	0.048
117255		A460603	51	0.001	0.051
117256	Rep	A460603	31	<0.001	0.031
117257		A460604	10	<0.001	0.010
117258		A460605	<5	<0.001	<0.005
117259		A460606	17	<0.001	0.017
117260		A460607	6	<0.001	0.006
117261		A460608	7	<0.001	0.007
117262		A460609	5	<0.001	0.005
117263		A460610	18	<0.001	0.018
117264		A460611	7	<0.001	0.007
117265		A460612	<5	<0.001	<0.005
117266		A460613	<5	<0.001	<0.005
117267	Dup	A460613	<5	<0.001	<0.005
117268		A460614	38	0.001	0.038

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 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

Date Received: Jul 15, 2009

Date Completed: Jul 28, 2009

Job #: 200941574

Reference: RL-09-199

Sample #: 150 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
117269	A460615	21	<0.001	0.021
117270	A460616	8	<0.001	0.008
117271	A460617	<5	<0.001	<0.005
117272	A460618	6	<0.001	0.006
117273	A460619	7	<0.001	0.007
117274	A460620	<5	<0.001	<0.005
117275	A460621	9	<0.001	0.009
117276	A460622	70	0.002	0.070
117277	A460623	28	<0.001	0.028
117278 Dup	A460623	24	<0.001	0.024
117279	A460624	9	<0.001	0.009
117280	A460625	25	<0.001	0.025
117281	A460626	16	<0.001	0.016
117282	A460627	12	<0.001	0.012
117283	A460628	24	<0.001	0.024
117284	A460629	14	<0.001	0.014
117285	A460630	41	0.001	0.041
117286	A460631	31	<0.001	0.031
117287	A460632	69	0.002	0.069
117288	A460633	50	0.001	0.050
117289 Dup	A460633	50	0.001	0.050

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Tuesday, July 28, 2009

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 Email#: pchantigny@goldcorp.com

Date Received: Jul 15, 2009
 Date Completed: Jul 28, 2009
 Job #: 200941574
 Reference: RL-09-199
 Sample #: 150 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
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PROCEDURE CODES: ALFA1



Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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AL903-0273-07/28/2009 12:37 PM

Certificate of Analysis

Tuesday, July 28, 2009

 GoldCorp Inc. (RL_Reg_Exp)
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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jul 17, 2009
 Date Completed: Jul 28, 2009
 Job #: 200941596
 Reference: RL-09-199
 Sample #: 23 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
118183	A460634	133	0.004	0.133
118184	A460635	27	<0.001	0.027
118185	A460636	57	0.002	0.057
118186	A460637	87	0.003	0.087
118187	A460638	9	<0.001	0.009
118188	A460639	21	<0.001	0.021
118189	A460640	45	0.001	0.045
118190	A460641	13	<0.001	0.013
118191	A460642	26	<0.001	0.026
118192	A460643	25	<0.001	0.025
118193 Dup	A460643	22	<0.001	0.022
118194	A460644	34	0.001	0.034
118195	A460645	31	<0.001	0.031
118196	A460646	24	<0.001	0.024
118197	A460647	43	0.001	0.043
118198	A460648	51	0.001	0.051
118199	A460649	723	0.021	0.723
118200	A460650	9	<0.001	0.009
118201	A460651	13	<0.001	0.013
118202	A460652	18	<0.001	0.018
118203	A460653	50	0.001	0.050
118204	A460654	56	0.002	0.056
118205 Dup	A460654	51	0.002	0.051
118206	A460655	96	0.003	0.096

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 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

Date Received: Jul 17, 2009
 Date Completed: Jul 28, 2009
 Job #: 200941596
 Reference: RL-09-199
 Sample #: 23 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
118207	A460656	31	<0.001	0.031

PROCEDURE CODES: ALFA1

Certified By:

 Derek Demianiuk H.Bsc., Laboratory Manager

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AL903-0273-07/28/2009 12:34 PM

Certificate of Analysis

Wednesday, July 29, 2009

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 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jul 20, 2009
 Date Completed: Jul 29, 2009
 Job #: 200941612
 Reference: RL-09-199
 Sample #: 50 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
118658	A460657	46	0.001	0.046
118659	A460658	17	<0.001	0.017
118660	A460659	6	<0.001	0.006
118661	A460660	26	<0.001	0.026
118662	A460661	7	<0.001	0.007
118663	A460662	10	<0.001	0.010
118664	A460663	12	<0.001	0.012
118665	A460664	271	0.008	0.271
118666	A460665	349	0.010	0.349
118667	A460666	89	0.003	0.089
118668 Dup	A460666	97	0.003	0.097
118669	A460667	101	0.003	0.101
118670	A460668	15	<0.001	0.015
118671	A460669	13	<0.001	0.013
118672	A460670	101	0.003	0.101
118673	A460671	229	0.007	0.229
118674	A460672	49	0.001	0.049
118675	A460673	38	0.001	0.038
118676	A460674	17	<0.001	0.017
118677	A460675	65	0.002	0.065
118678	A460676	34	<0.001	0.034
118679 Dup	A460676	35	0.001	0.035
118680	A460677	25	<0.001	0.025
118681	A460678	9	<0.001	0.009

Certificate of Analysis

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 20, 2009
 Date Completed: Jul 29, 2009
 Job #: 200941612
 Reference: RL-09-199
 Sample #: 50 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
118682	A460679	20	<0.001	0.020
118683	A460680	11	<0.001	0.011
118684	A460681	24	<0.001	0.024
118685	A460682	64	0.002	0.064
118686	A460683	11	<0.001	0.011
118687	A460684	141	0.004	0.141
118688	A460685	41	0.001	0.041
118689	A460686	15	<0.001	0.015
118690 Dup	A460686	17	<0.001	0.017
118691	A460687	38	0.001	0.038
118692	A460688	57	0.002	0.057
118693	A460689	50	0.001	0.050
118694	A460690	64	0.002	0.064
118695	A460691	101	0.003	0.101
118696	A460692	94	0.003	0.094
118697	A460693	48	0.001	0.048
118698	A460694	30	<0.001	0.030
118699	A460695	28	<0.001	0.028
118700	A460696	92	0.003	0.092
118701 Dup	A460696	75	0.002	0.075
118702	A460697	25	<0.001	0.025
118703	A460698	31	<0.001	0.031
118704	A460699	692	0.020	0.692
118705	A460700	<5	<0.001	<0.005

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 20, 2009
 Date Completed: Jul 29, 2009
 Job #: 200941612
 Reference: RL-09-199
 Sample #: 50 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
118706	A460701	236	0.007	0.236
118707	A460702	524	0.015	0.524
118708	A460703	29	<0.001	0.029
118709	A460704	57	0.002	0.057
118710	A460705	34	<0.001	0.034
118711	A460706	52	0.002	0.052
118712 Rep	A460706	63	0.002	0.063

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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AL903-0273-07/29/2009 10:49 AM

Certificate of Analysis

Monday, August 10, 2009

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 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jul 29, 2009
 Date Completed: Aug 6, 2009
 Job #: 200941670
 Reference: RL-09-199
 Sample #: 5 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
122599	A460707	296	0.009	0.296
122600	A460708	327	0.010	0.327
122601	A460709	222	0.006	0.222
122602	A460710	293	0.009	0.293
122603	A460711	191	0.006	0.191
122604 Dup	A460711	190	0.006	0.190

PROCEDURE CODES: ALFA1

Certified By:


 Jason Moore, General Manager

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AL903-0273-08/10/2009 10:01 AM

Certificate of Analysis

Tuesday, August 18, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 5, 2009
 Date Completed: Aug 18, 2009
 Job #: 200941781
 Reference: RL-09-199
 Sample #: 50 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
126201	A460712	163	0.005	0.163
126202	A460713	207	0.006	0.207
126203	A460714	266	0.008	0.266
126204	A460715	197	0.006	0.197
126205	A460716	171	0.005	0.171
126206	A460717	43	0.001	0.043
126207	A460718	53	0.002	0.053
126208 Dup	A460718	48	0.001	0.048
126209	A460719	59	0.002	0.059
126210	A460720	55	0.002	0.055
126211	A460721	19	<0.001	0.019
126212	A460722	16	<0.001	0.016
126213	A460723	19	<0.001	0.019
126214	A460724	16	<0.001	0.016
126215	A460725	45	0.001	0.045
126216	A460726	35	0.001	0.035
126217	A460727	33	<0.001	0.033
126218	A460728	186	0.005	0.186
126219 Dup	A460728	259	0.008	0.259
126220	A460729	173	0.005	0.173
126221	A460730	125	0.004	0.125
126222	A460731	9	<0.001	0.009
126223	A460732	10	<0.001	0.010
126224	A460733	12	<0.001	0.012

Certificate of Analysis

Tuesday, August 18, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 5, 2009
 Date Completed: Aug 18, 2009
 Job #: 200941781
 Reference: RL-09-199
 Sample #: 50 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
126225	A460734	25	<0.001	0.025
126226	A460735	20	<0.001	0.020
126227	A460736	8	<0.001	0.008
126228	A460737	23	<0.001	0.023
126229	A460738	80	0.002	0.080
126230 Dup	A460738	87	0.003	0.087
126231	A460739	56	0.002	0.056
126232	A460740	40	0.001	0.040
126233	A460741	19	<0.001	0.019
126234	A460742	16	<0.001	0.016
126235	A460743	24	<0.001	0.024
126236	A460744	22	<0.001	0.022
126237	A460745	21	<0.001	0.021
126238	A460746	33	<0.001	0.033
126239	A460747	36	0.001	0.036
126240	A460748	17	<0.001	0.017
126241 Dup	A460748	21	<0.001	0.021
126242	A460749	690	0.020	0.690
126243	A460750	<5	<0.001	<0.005
126244	A460751	31	<0.001	0.031
126245	A460752	13	<0.001	0.013
126246	A460753	28	<0.001	0.028
126247	A460754	10	<0.001	0.010
126248	A460755	13	<0.001	0.013

Certificate of Analysis

Tuesday, August 18, 2009


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 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 5, 2009
 Date Completed: Aug 18, 2009
 Job #: 200941781
 Reference: RL-09-199
 Sample #: 50 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
126249	A460756	8	<0.001	0.008
126250	A460757	16	<0.001	0.016
126251	A460758	26	<0.001	0.026
126252 Dup	A460758	26	<0.001	0.026
126253	A460759	37	0.001	0.037
126254	A460760	67	0.002	0.067
126255	A460761	1581	0.046	1.581

PROCEDURE CODES: ALFA1

Certified By:


 Jason Moore, General Manager

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AL903-0273-08/18/2009 9:03 AM

Certificate of Analysis

Thursday, August 20, 2009

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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 7, 2009
 Date Completed: Aug 20, 2009
 Job #: 200941809
 Reference: RL-09-199
 Sample #: 20 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
128023	A460762	504	0.015	0.504
128024	A460763	20	<0.001	0.020
128025	A460764	161	0.005	0.161
128026	A460765	11	<0.001	0.011
128027	A460766	9	<0.001	0.009
128028	A460767	17	<0.001	0.017
128029 Dup	A460767	17	<0.001	0.017
128030	A460768	11	<0.001	0.011
128031	A460769	24	<0.001	0.024
128032	A460770	61	0.002	0.061
128033	A460771	33	<0.001	0.033
128034	A460772	139	0.004	0.139
128035	A460773	27	<0.001	0.027
128036	A460774	6	<0.001	0.006
128037	A460775	6	<0.001	0.006
128038	A460776	12	<0.001	0.012
128039	A460777	10	<0.001	0.010
128040 Dup	A460777	9	<0.001	0.009
128041	A460778	18	<0.001	0.018
128042	A460779	47	0.001	0.047
128043	A460780	8	<0.001	0.008
128044	A460781	9	<0.001	0.009

Certificate of Analysis

Thursday, August 20, 2009

GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

Date Received: Aug 7, 2009
 Date Completed: Aug 20, 2009
 Job #: 200941809
 Reference: RL-09-199
 Sample #: 20 Core

Acc #

Client ID

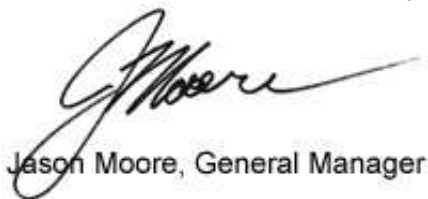
Au
ppb

Au
oz/t

Au
g/t (ppm)

PROCEDURE CODES: ALFA1

Certified By:



Jason Moore, General Manager

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Certificate of Analysis

Tuesday, August 25, 2009

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 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 11, 2009
 Date Completed: Aug 25, 2009
 Job #: 200941844
 Reference: RL-09-199
 Sample #: 50 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
129790	A460782	<5	<0.001	<0.005
129791	A460783	<5	<0.001	<0.005
129792	A460784	18	<0.001	0.018
129793	A460785	9	<0.001	0.009
129794	A460786	<5	<0.001	<0.005
129795	A460787	424	0.012	0.424
129796 Dup	A460787	555	0.016	0.555
129797	A460788	88	0.003	0.088
129798	A460789	43	0.001	0.043
129799	A460790	44	0.001	0.044
129800	A460791	16	<0.001	0.016
129801	A460792	28	<0.001	0.028
129802	A460793	17	<0.001	0.017
129803	A460794	60	0.002	0.060
129804	A460795	70	0.002	0.070
129805	A460796	502	0.015	0.502
129806	A460797	20	<0.001	0.020
129807 Dup	A460797	13	<0.001	0.013
129808	A460798	18	<0.001	0.018
129809	A460799	692	0.020	0.692
129810	A460800	<5	<0.001	<0.005
129811	A460801	33	<0.001	0.033
129812	A460802	61	0.002	0.061
129813	A460803	346	0.010	0.346

Certificate of Analysis

Tuesday, August 25, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 11, 2009
 Date Completed: Aug 25, 2009
 Job #: 200941844
 Reference: RL-09-199
 Sample #: 50 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
129814	A460804	29	<0.001	0.029
129815	A460805	184	0.005	0.184
129816	A460806	13	<0.001	0.013
129817	A460807	193	0.006	0.193
129818 Dup	A460807	154	0.004	0.154
129819	A460808	284	0.008	0.284
129820	A460809	294	0.009	0.294
129821	A460810	147	0.004	0.147
129822	A460811	194	0.006	0.194
129823	A460812	59	0.002	0.059
129824	A460813	21	<0.001	0.021
129825	A460814	22	<0.001	0.022
129826	A460815	104	0.003	0.104
129827	A460816	22	<0.001	0.022
129828	A460817	123	0.004	0.123
129829 Dup	A460817	175	0.005	0.175
129830	A460818	43	0.001	0.043
129831	A460819	19	<0.001	0.019
129832	A460820	27	<0.001	0.027
129833	A460821	59	0.002	0.059
129834	A460822	86	0.003	0.086
129835	A460823	217	0.006	0.217
129836	A460824	52	0.002	0.052
129837	A460825	603	0.018	0.603

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Tuesday, August 25, 2009


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 Balmertown, ON, CAN
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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 11, 2009
 Date Completed: Aug 25, 2009
 Job #: 200941844
 Reference: RL-09-199
 Sample #: 50 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
129838	A460826	182	0.005	0.182
129839	A460827	108	0.003	0.108
129840 Dup	A460827	70	0.002	0.070
129841	A460828	177	0.005	0.177
129842	A460829	47	0.001	0.047
129843	A460830	243	0.007	0.243
129844	A460831	550	0.016	0.550

PROCEDURE CODES: ALFA1

Certified By:


 Jason Moore, General Manager

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Certificate of Analysis

Wednesday, August 26, 2009

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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 12, 2009
 Date Completed: Aug 26, 2009
 Job #: 200941856
 Reference: RL-09-200
 Sample #: 10 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
130629	A460832	<5	<0.001	<0.005
130630	A460833	<5	<0.001	<0.005
130631	A460834	<5	<0.001	<0.005
130632	A460835	<5	<0.001	<0.005
130633	A460836	23	<0.001	0.023
130634	A460837	16	<0.001	0.016
130635 Dup	A460837	14	<0.001	0.014
130636	A460838	12	<0.001	0.012
130637	A460839	<5	<0.001	<0.005
130638	A460840	9	<0.001	0.009
130639	A460841	<5	<0.001	<0.005

PROCEDURE CODES: ALFA1

Certified By:


 Jason Moore, General Manager

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AL903-0273-08/26/2009 3:21 PM

Certificate of Analysis

Friday, August 28, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 14, 2009
 Date Completed: Aug 28, 2009
 Job #: 200941897
 Reference: RL-09-200
 Sample #: 31 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
132045	A460842	<5	<0.001	<0.005
132046	A460843	23	<0.001	0.023
132047	A460844	<5	<0.001	<0.005
132048	A460845	<5	<0.001	<0.005
132049	A460846	<5	<0.001	<0.005
132050	A460847	<5	<0.001	<0.005
132051 Dup	A460847	<5	<0.001	<0.005
132052	A460848	<5	<0.001	<0.005
132053	A460849	722	0.021	0.722
132054	A460850	<5	<0.001	<0.005
132055	A460851	<5	<0.001	<0.005
132056	A460852	<5	<0.001	<0.005
132057	A460853	<5	<0.001	<0.005
132058	A460854	<5	<0.001	<0.005
132059	A460855	<5	<0.001	<0.005
132060	A460856	<5	<0.001	<0.005
132061	A460857	<5	<0.001	<0.005
132062 Dup	A460857	<5	<0.001	<0.005
132063	A460858	<5	<0.001	<0.005
132064	A460859	<5	<0.001	<0.005
132065	A460860	<5	<0.001	<0.005
132066	A460861	<5	<0.001	<0.005
132067	A460862	<5	<0.001	<0.005
132068	A460863	<5	<0.001	<0.005

Certificate of Analysis

Friday, August 28, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 14, 2009
 Date Completed: Aug 28, 2009
 Job #: 200941897
 Reference: RL-09-200
 Sample #: 31 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
132069	A460864	<5	<0.001	<0.005
132070	A460865	<5	<0.001	<0.005
132071	A460866	<5	<0.001	<0.005
132072	A460867	<5	<0.001	<0.005
132073 Dup	A460867	<5	<0.001	<0.005
132074	A460868	<5	<0.001	<0.005
132075	A460869	<5	<0.001	<0.005
132076	A460870	8	<0.001	0.008
132077	A460871	7	<0.001	0.007
132078	A460872	<5	<0.001	<0.005

PROCEDURE CODES: ALFA1

Certified By:


 Jason Moore, General Manager

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AL903-0273-08/28/2009 10:35 AM

Certificate of Analysis

Thursday, August 27, 2009

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 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 14, 2009
 Date Completed: Aug 27, 2009
 Job #: 200941901
 Reference: RL-09-200
 Sample #: 56 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
132284	A460873	27	<0.001	0.027
132285	A460874	<5	<0.001	<0.005
132286	A460875	5	<0.001	0.005
132287	A460876	<5	<0.001	<0.005
132288	A460877	<5	<0.001	<0.005
132289	A460878	13	<0.001	0.013
132290 Dup	A460878	13	<0.001	0.013
132291	A460879	15	<0.001	0.015
132292	A460880	14	<0.001	0.014
132293	A460881	10	<0.001	0.010
132294	A460882	11	<0.001	0.011
132295	A460883	11	<0.001	0.011
132296	A460884	<5	<0.001	<0.005
132297	A460885	8	<0.001	0.008
132298	A460886	8	<0.001	0.008
132299	A460887	14	<0.001	0.014
132300	A460888	21	<0.001	0.021
132301 Dup	A460888	20	<0.001	0.020
132302	A460889	14	<0.001	0.014
132303	A460890	7	<0.001	0.007
132304	A460891	8	<0.001	0.008
132305	A460892	8	<0.001	0.008
132306	A460893	8	<0.001	0.008
132307	A460894	<5	<0.001	<0.005

Certificate of Analysis

Thursday, August 27, 2009

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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 14, 2009
 Date Completed: Aug 27, 2009
 Job #: 200941901
 Reference: RL-09-200
 Sample #: 56 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
132308	A460895	7	<0.001	0.007
132309	A460896	19	<0.001	0.019
132310	A460897	<5	<0.001	<0.005
132311	A460898	<5	<0.001	<0.005
132312	Dup A460898	6	<0.001	0.006
132313	A460899	702	0.020	0.702
132314	A460900	8	<0.001	0.008
132315	A460901	6	<0.001	0.006
132316	A460902	12	<0.001	0.012
132317	A460903	10	<0.001	0.010
132318	A460904	388	0.011	0.388
132319	A460905	73	0.002	0.073
132320	A460906	35	0.001	0.035
132321	A460907	33	<0.001	0.033
132322	A460908	34	<0.001	0.034
132323	Dup A460908	17	<0.001	0.017
132324	A460909	21	<0.001	0.021
132325	A460910	5	<0.001	0.005
132326	A460911	<5	<0.001	<0.005
132327	A460912	<5	<0.001	<0.005
132328	A460913	<5	<0.001	<0.005
132329	A460914	<5	<0.001	<0.005
132330	A460915	6	<0.001	0.006
132331	A460916	7	<0.001	0.007

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 Email#: pchantigny@goldcorp.com

 Date Received: Aug 14, 2009
 Date Completed: Aug 27, 2009
 Job #: 200941901
 Reference: RL-09-200
 Sample #: 56 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
132332	A460917	6	<0.001	0.006
132333	A460918	6	<0.001	0.006
132334 Dup	A460918	<5	<0.001	<0.005
132335	A460919	<5	<0.001	<0.005
132336	A460920	11	<0.001	0.011
132337	A460921	<5	<0.001	<0.005
132338	A460922	<5	<0.001	<0.005
132339	A460923	<5	<0.001	<0.005
132340	A460924	<5	<0.001	<0.005
132341	A460925	<5	<0.001	<0.005
132342	A460926	<5	<0.001	<0.005
132343	A460927	<5	<0.001	<0.005
132344	A460928	6	<0.001	0.006
132345 Dup	A460928	<5	<0.001	<0.005

PROCEDURE CODES: ALFA1


Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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AL903-0273-08/27/2009 1:05 PM

Certificate of Analysis

Tuesday, September 1, 2009

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 Balmertown, ON, CAN
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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 18, 2009
 Date Completed: Sep 1, 2009
 Job #: 200941933
 Reference: RL-09-200
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
133364	A460929	67	0.002	0.067
133365	A460930	<5	<0.001	<0.005
133366	A460931	5	<0.001	0.005
133367	A460932	<5	<0.001	<0.005
133368	A460933	<5	<0.001	<0.005
133369	A460934	<5	<0.001	<0.005
133370	A460935	<5	<0.001	<0.005
133371	A460936	<5	<0.001	<0.005
133372	A460937	<5	<0.001	<0.005
133373	A460938	<5	<0.001	<0.005
133374 Dup	A460938	<5	<0.001	<0.005
133375	A460939	<5	<0.001	<0.005
133376	A460940	<5	<0.001	<0.005
133377	A460941	<5	<0.001	<0.005
133378	A460942	10	<0.001	0.010
133379	A460943	187	0.005	0.187
133380	A460944	14	<0.001	0.014
133381	A460945	83	0.002	0.083
133382	A460946	21	<0.001	0.021
133383	A460947	14	<0.001	0.014
133384	A460948	20	<0.001	0.020
133385 Dup	A460948	18	<0.001	0.018
133386	A460949	704	0.021	0.704
133387	A460950	13	<0.001	0.013

Certificate of Analysis

Tuesday, September 1, 2009

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 Balmertown, ON, CAN
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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 18, 2009
 Date Completed: Sep 1, 2009
 Job #: 200941933
 Reference: RL-09-200
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
133388	A460951	7	<0.001	0.007
133389	A460952	13	<0.001	0.013
133390	A460953	24	<0.001	0.024
133391	A460954	12	<0.001	0.012
133392	A460955	44	0.001	0.044
133393	A460956	15	<0.001	0.015
133394	A460957	13	<0.001	0.013
133395	A460958	16	<0.001	0.016
133396 Dup	A460958	15	<0.001	0.015
133397	A460959	17	<0.001	0.017
133398	A460960	34	<0.001	0.034
133399	A460961	<5	<0.001	<0.005
133400	A460962	9	<0.001	0.009
133401	A460963	<5	<0.001	<0.005
133402	A460964	<5	<0.001	<0.005
133403	A460965	<5	<0.001	<0.005
133404	A460966	<5	<0.001	<0.005
133405	A460967	5	<0.001	0.005
133406	A460968	5	<0.001	0.005
133407 Dup	A460968	5	<0.001	0.005
133408	A460969	6	<0.001	0.006
133409	A460970	25	<0.001	0.025
133410	A460971	21	<0.001	0.021
133411	A460972	8	<0.001	0.008

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Tuesday, September 1, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 18, 2009
 Date Completed: Sep 1, 2009
 Job #: 200941933
 Reference: RL-09-200
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
133412	A460973	18	<0.001	0.018
133413	A460974	5	<0.001	0.005
133414	A460975	13	<0.001	0.013
133415	A460976	40	0.001	0.040
133416	A460977	53	0.002	0.053
133417	A460978	6	<0.001	0.006
133418	Dup A460978	8	<0.001	0.008
133419	A460979	22	<0.001	0.022
133420	A460980	53	0.002	0.053
133421	A460981	137	0.004	0.137
133422	A460982	24	<0.001	0.024
133423	A460983	20	<0.001	0.020
133424	A460984	36	0.001	0.036
133425	A460985	28	<0.001	0.028
133426	A460986	10	<0.001	0.010
133427	A460987	30	<0.001	0.030
133428	A460988	15	<0.001	0.015
133429	Rep A460988	11	<0.001	0.011
133430	A460989	13	<0.001	0.013
133431	A460990	9	<0.001	0.009
133432	A460991	7	<0.001	0.007
133433	A460992	<5	<0.001	<0.005
133434	A460993	<5	<0.001	<0.005
133435	A460994	<5	<0.001	<0.005

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 Job #: 200941933
 Reference: RL-09-200
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
133436	A460995	7	<0.001	0.007
133437	A460996	9	<0.001	0.009
133438	A460997	7	<0.001	0.007
133439	A460998	67	0.002	0.067
133440 Dup	A460998	10	<0.001	0.010
133441	A460999	730	0.021	0.730
133442	A461000	<5	<0.001	<0.005
133443	A461001	6	<0.001	0.006
133444	A461002	14	<0.001	0.014
133445	A461003	6	<0.001	0.006
133446	A461004	6	<0.001	0.006
133447	A461005	8	<0.001	0.008
133448	A461006	8	<0.001	0.008
133449	A461007	11	<0.001	0.011
133450	A461008	14	<0.001	0.014
133451 Dup	A461008	21	<0.001	0.021
133452	A461009	23	<0.001	0.023
133453	A461010	46	0.001	0.046
133454	A461011	22	<0.001	0.022
133455	A461012	111	0.003	0.111
133456	A461013	7	<0.001	0.007
133457	A461014	6	<0.001	0.006
133458	A461015	9	<0.001	0.009
133459	A461016	10	<0.001	0.010

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 Date Completed: Sep 1, 2009
 Job #: 200941933
 Reference: RL-09-200
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
133460	A461017	37	0.001	0.037
133461	A461018	466	0.014	0.466
133462 Dup	A461018	464	0.014	0.464
133463	A461019	28	<0.001	0.028
133464	A461020	23	<0.001	0.023
133465	A461021	15	<0.001	0.015
133466	A461022	7	<0.001	0.007
133467	A461023	9	<0.001	0.009
133468	A461024	6	<0.001	0.006
133469	A461025	13	<0.001	0.013
133470	A461026	31	<0.001	0.031
133471	A461027	18	<0.001	0.018
133472	A461028	66	0.002	0.066
133473 Dup	A461028	17	<0.001	0.017
133474	A461029	52	0.002	0.052
133475	A461030	1929	0.056	1.929
133476	A461031	7	<0.001	0.007
133477	A461032	10	<0.001	0.010
133478	A461033	64	0.002	0.064
133479	A461034	16	<0.001	0.016
133480	A461035	13	<0.001	0.013
133481	A461036	131	0.004	0.131
133482	A461037	104	0.003	0.104
133483	A461038	39	0.001	0.039

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 Reference: RL-09-200
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
133484	A461039	43	0.001	0.043
133485 Dup	A461039	32	<0.001	0.032
133486	A461040	18	<0.001	0.018
133487	A461041	14	<0.001	0.014
133488	A461042	31	<0.001	0.031
133489	A461043	328	0.010	0.328
133490	A461044	49	0.001	0.049
133491	A461045	67	0.002	0.067

PROCEDURE CODES: ALFA1


Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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 Email#: pchantigny@goldcorp.com

Date Received: Aug 20, 2009
 Date Completed: Sep 2, 2009
 Job #: 200941942
 Reference: RL-09-200
 Sample #: 118 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134424	A461046	24	<0.001	0.024
134425	A461047	22	<0.001	0.022
134426	A461048	185	0.005	0.185
134427	A461049	4230	0.123	4.230
134428	A461050	<5	<0.001	<0.005
134429	A461051	23	<0.001	0.023
134430	A461052	42	0.001	0.042
134431	A461053	76	0.002	0.076
134432 Dup	A461053	50	0.001	0.050
134433	A461054	130	0.004	0.130
134434	A461055	13	<0.001	0.013
134435	A461056	10	<0.001	0.010
134436	A461057	17	<0.001	0.017
134437	A461058	95	0.003	0.095
134438	A461059	16	<0.001	0.016
134439	A461060	23	<0.001	0.023
134440	A461061	11	<0.001	0.011
134441	A461062	7	<0.001	0.007
134442	A461063	12	<0.001	0.012
134443 Dup	A461063	6	<0.001	0.006
134444	A461064	7	<0.001	0.007
134445	A461065	8	<0.001	0.008
134446	A461066	23	<0.001	0.023
134447	A461067	21	<0.001	0.021

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 Job #: 200941942
 Reference: RL-09-200
 Sample #: 118 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134448	A461068	13	<0.001	0.013
134449	A461069	9	<0.001	0.009
134450	A461070	10	<0.001	0.010
134451	A461071	12	<0.001	0.012
134452	A461072	29	<0.001	0.029
134453	A461073	13	<0.001	0.013
134454 Dup	A461073	14	<0.001	0.014
134455	A461074	683	0.020	0.683
134456	A461075	15	<0.001	0.015
134457	A461076	11	<0.001	0.011
134458	A461077	7	<0.001	0.007
134459	A461078	11	<0.001	0.011
134460	A461079	38	0.001	0.038
134461	A461080	12	<0.001	0.012
134462	A461081	38	0.001	0.038
134463	A461082	20	<0.001	0.020
134464	A461083	36	0.001	0.036
134465 Dup	A461083	29	<0.001	0.029
134466	A461084	48	0.001	0.048
134467	A461085	28	<0.001	0.028
134468	A461086	39	0.001	0.039
134469	A461087	660	0.019	0.660
134470	A461088	38	0.001	0.038
134471	A461089	75	0.002	0.075

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 Sample #: 118 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134472	A461090	31	<0.001	0.031
134473	A461091	33	<0.001	0.033
134474	A461092	34	0.001	0.034
134475	A461093	34	0.001	0.034
134476 Dup	A461093	33	<0.001	0.033
134477	A461094	25	<0.001	0.025
134478	A461095	14	<0.001	0.014
134479	A461096	44	0.001	0.044
134480	A461097	20	<0.001	0.020
134481	A461098	17	<0.001	0.017
134482	A461099	690	0.020	0.690
134483	A461100	<5	<0.001	<0.005
134484	A461101	148	0.004	0.148
134485	A461102	21	<0.001	0.021
134486	A461103	10	<0.001	0.010
134487 Rep	A461103	11	<0.001	0.011
134488	A461104	24	<0.001	0.024
134489	A461105	16	<0.001	0.016
134490	A461106	20	<0.001	0.020
134491	A461107	19	<0.001	0.019
134492	A461108	35	0.001	0.035
134493	A461109	6	<0.001	0.006
134494	A461110	8	<0.001	0.008
134495	A461111	10	<0.001	0.010

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 Date Completed: Sep 2, 2009
 Job #: 200941942
 Reference: RL-09-200
 Sample #: 118 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134496	A461112	10	<0.001	0.010
134497	A461113	10	<0.001	0.010
134498 Dup	A461113	16	<0.001	0.016
134499	A461114	23	<0.001	0.023
134500	A461115	10	<0.001	0.010
134501	A461116	9	<0.001	0.009
134502	A461117	8	<0.001	0.008
134503	A461118	<5	<0.001	<0.005
134504	A461119	12	<0.001	0.012
134505	A461120	8	<0.001	0.008
134506	A461121	28	<0.001	0.028
134507	A461122	9	<0.001	0.009
134508	A461123	35	0.001	0.035
134509 Dup	A461123	57	0.002	0.057
134510	A461124	22	<0.001	0.022
134511	A461125	12	<0.001	0.012
134512	A461126	12	<0.001	0.012
134513	A461127	17	<0.001	0.017
134514	A461128	18	<0.001	0.018
134515	A461129	14	<0.001	0.014
134516	A461130	12	<0.001	0.012
134517	A461131	14	<0.001	0.014
134518	A461132	49	0.001	0.049
134519	A461133	20	<0.001	0.020

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 Date Completed: Sep 2, 2009
 Job #: 200941942
 Reference: RL-09-200
 Sample #: 118 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134520 Dup	A461133	18	<0.001	0.018
134521	A461134	38	0.001	0.038
134522	A461135	12	<0.001	0.012
134523	A461136	7	<0.001	0.007
134524	A461137	<5	<0.001	<0.005
134525	A461138	<5	<0.001	<0.005
134526	A461139	<5	<0.001	<0.005
134527	A461140	9	<0.001	0.009
134528	A461141	19	<0.001	0.019
134529	A461142	25	<0.001	0.025
134530	A461143	24	<0.001	0.024
134531 Dup	A461143	29	<0.001	0.029
134532	A461144	54	0.002	0.054
134533	A461145	26	<0.001	0.026
134534	A461146	15	<0.001	0.015
134535	A461147	16	<0.001	0.016
134536	A461148	23	<0.001	0.023
134537	A461149	768	0.022	0.768
134538	A461150	9	<0.001	0.009
134539	A461151	38	0.001	0.038
134540	A461152	17	<0.001	0.017
134541	A461153	53	0.002	0.053
134542 Dup	A461153	48	0.001	0.048
134543	A461154	25	<0.001	0.025

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 Date Completed: Sep 2, 2009
 Job #: 200941942
 Reference: RL-09-200
 Sample #: 118 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134544	A461155	22	<0.001	0.022
134545	A461156	90	0.003	0.090
134546	A461157	111	0.003	0.111
134547	A461158	334	0.010	0.334
134548	A461159	664	0.019	0.664
134549	A461160	151	0.004	0.151
134550	A461161	10	<0.001	0.010
134551	A461162	22	<0.001	0.022
134552	A461163	23	<0.001	0.023
134553 Dup	A461163	14	<0.001	0.014

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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Thursday, August 6, 2009

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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jul 28, 2009
 Date Completed: Aug 6, 2009
 Job #: 200941661
 Reference: RL-09-201
 Sample #: 122 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
121976	A461222	184	0.005	0.184
121977	A461223	80	0.002	0.080
121978	A461224	50	0.001	0.050
121979	A461225	82	0.002	0.082
121980	A461226	156	0.005	0.156
121981	A461227	312	0.009	0.312
121982	A461228	1157	0.034	1.157
121983 Dup	A461228	1143	0.033	1.143
121984	A461229	24	<0.001	0.024
121985	A461230	<5	<0.001	<0.005
121986	A461231	79	0.002	0.079
121987	A461232	183	0.005	0.183
121988	A461233	155	0.005	0.155
121989	A461234	31	<0.001	0.031
121990	A461235	22	<0.001	0.022
121991	A461236	26	<0.001	0.026
121992	A461237	32	<0.001	0.032
121993	A461238	28	<0.001	0.028
121994 Dup	A461238	26	<0.001	0.026
121995	A461239	38	0.001	0.038
121996	A461240	50	0.001	0.050
121997	A461241	28	<0.001	0.028
121998	A461242	13	<0.001	0.013
121999	A461243	<5	<0.001	<0.005

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 Date Completed: Aug 6, 2009
 Job #: 200941661
 Reference: RL-09-201
 Sample #: 122 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
122000	A461244	<5	<0.001	<0.005
122001	A461245	<5	<0.001	<0.005
122002	A461246	<5	<0.001	<0.005
122003	A461247	263	0.008	0.263
122004	A461248	<5	<0.001	<0.005
122005 Dup	A461248	<5	<0.001	<0.005
122006	A461249	725	0.021	0.725
122007	A461250	11	<0.001	0.011
122008	A461251	<5	<0.001	<0.005
122009	A461252	7	<0.001	0.007
122010	A461253	5	<0.001	0.005
122011	A461254	125	0.004	0.125
122012	A461255	<5	<0.001	<0.005
122013	A461256	6	<0.001	0.006
122014	A461257	91	0.003	0.091
122015	A461258	22	<0.001	0.022
122016 Dup	A461258	19	<0.001	0.019
122017	A461259	359	0.010	0.359
122018	A461260	24	<0.001	0.024
122019	A461261	7	<0.001	0.007
122020	A461262	26	<0.001	0.026
122021	A461263	6	<0.001	0.006
122022	A461264	28	<0.001	0.028
122023	A461265	<5	<0.001	<0.005

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
122024	A461266	8	<0.001	0.008
122025	A461267	7	<0.001	0.007
122026	A461268	8	<0.001	0.008
122027 Dup	A461268	9	<0.001	0.009
122028	A461269	7	<0.001	0.007
122029	A461270	8	<0.001	0.008
122030	A461271	8	<0.001	0.008
122031	A461272	30	<0.001	0.030
122032	A461273	16	<0.001	0.016
122033	A461274	27	<0.001	0.027
122034	A461275	11	<0.001	0.011
122035	A461276	8	<0.001	0.008
122036	A461277	19	<0.001	0.019
122037	A461278	11	<0.001	0.011
122038 Rep	A461278	9	<0.001	0.009
122039	A461164	17	<0.001	0.017
122040	A461165	120	0.003	0.120
122041	A461166	532	0.016	0.532
122042	A461167	10	<0.001	0.010
122043	A461168	13	<0.001	0.013
122044	A461169	38	0.001	0.038
122045	A461170	31	<0.001	0.031
122046	A461171	16	<0.001	0.016
122047	A461172	15	<0.001	0.015

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Thursday, August 6, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Jul 28, 2009
 Date Completed: Aug 6, 2009
 Job #: 200941661
 Reference: RL-09-201
 Sample #: 122 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
122048	A461173	14	<0.001	0.014
122049	Dup A461173	16	<0.001	0.016
122050	A461174	26	<0.001	0.026
122051	A461175	11	<0.001	0.011
122052	A461176	23	<0.001	0.023
122053	A461177	9	<0.001	0.009
122054	A461178	57	0.002	0.057
122055	A461179	17	<0.001	0.017
122056	A461180	9	<0.001	0.009
122057	A461181	23	<0.001	0.023
122058	A461182	11	<0.001	0.011
122059	A461183	17	<0.001	0.017
122060	Dup A461183	19	<0.001	0.019
122061	A461184	15	<0.001	0.015
122062	A461185	8	<0.001	0.008
122063	A461186	12	<0.001	0.012
122064	A461187	12	<0.001	0.012
122065	A461188	26	<0.001	0.026
122066	A461189	28	<0.001	0.028
122067	A461190	9	<0.001	0.009
122068	A461191	13	<0.001	0.013
122069	A461192	16	<0.001	0.016
122070	A461193	13	<0.001	0.013
122071	Dup A461193	13	<0.001	0.013

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 Email#: pchantigny@goldcorp.com

Date Received: Jul 28, 2009

Date Completed: Aug 6, 2009

Job #: 200941661

Reference: RL-09-201

Sample #: 122 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
122072	A461194	47	0.001	0.047
122073	A461195	21	<0.001	0.021
122074	A461196	17	<0.001	0.017
122075	A461197	15	<0.001	0.015
122076	A461198	9	<0.001	0.009
122077	A461199	686	0.020	0.686
122078	A461200	<5	<0.001	<0.005
122079	A461201	16	<0.001	0.016
122080	A461202	13	<0.001	0.013
122081	A461203	151	0.004	0.151
122082	Dup A461203	170	0.005	0.170
122083	A461204	781	0.023	0.781
122084	A461205	93	0.003	0.093
122085	A461206	717	0.021	0.717
122086	A461207	184	0.005	0.184
122087	A461208	31	<0.001	0.031
122088	A461209	31	<0.001	0.031
122089	A461210	<5	<0.001	<0.005
122090	A461211	<5	<0.001	<0.005
122091	A461212	<5	<0.001	<0.005
122092	A461213	11	<0.001	0.011
122093	Dup A461213	<5	<0.001	<0.005
122094	A461214	<5	<0.001	<0.005
122095	A461215	401	0.012	0.401

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 Job #: 200941661
 Reference: RL-09-201
 Sample #: 122 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
122096	A461216	25	<0.001	0.025
122097	A461217	27	<0.001	0.027
122098	A461218	31	<0.001	0.031
122099	A461219	22	<0.001	0.022
122100	A461220	216	0.006	0.216
122101	A461221	42	0.001	0.042
122102	A461308	<5	<0.001	<0.005
122103	A461309	59	0.002	0.059
122104 Rep	A461309	51	0.001	0.051
122105	A461310	60	0.002	0.060
122106	A461311	155	0.005	0.155
122107	A461312	1002	0.029	1.002
122108	A461313	153	0.004	0.153
122109	A461314	119	0.003	0.119

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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Monday, August 10, 2009

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 Email#: pchantigny@goldcorp.com

 Date Received: Jul 29, 2009
 Date Completed: Aug 10, 2009
 Job #: 200941675
 Reference: RL-09-201
 Sample #: 92 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
122802	A461279	16	<0.001	0.016
122803	A461280	18	<0.001	0.018
122804	A461281	15	<0.001	0.015
122805	A461282	20	<0.001	0.020
122806	A461283	29	<0.001	0.029
122807	A461284	18	<0.001	0.018
122808	A461285	30	<0.001	0.030
122809	A461286	193	0.006	0.193
122810	A461287	114	0.003	0.114
122811 Dup	A461287	104	0.003	0.104
122812	A461288	308	0.009	0.308
122813	A461289	846	0.025	0.846
122814	A461290	50	0.001	0.050
122815	A461291	24	<0.001	0.024
122816	A461292	47	0.001	0.047
122817	A461293	263	0.008	0.263
122818	A461294	217	0.006	0.217
122819	A461295	54	0.002	0.054
122820	A461296	85	0.002	0.085
122821	A461297	84	0.002	0.084
122822 Dup	A461297	86	0.003	0.086
122823	A461298	38	0.001	0.038
122824	A461299	746	0.022	0.746
122825	A461300	<5	<0.001	<0.005

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 Date Completed: Aug 10, 2009
 Job #: 200941675
 Reference: RL-09-201
 Sample #: 92 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
122826	A461301	23	<0.001	0.023
122827	A461302	117	0.003	0.117
122828	A461303	106	0.003	0.106
122829	A461304	34	<0.001	0.034
122830	A461305	20	<0.001	0.020
122831	A461306	7	<0.001	0.007
122832	A461307	27	<0.001	0.027
122833 Dup	A461307	28	<0.001	0.028
122834	A461315	21	<0.001	0.021
122835	A461316	114	0.003	0.114
122836	A461317	31	<0.001	0.031
122837	A461318	12	<0.001	0.012
122838	A461319	136	0.004	0.136
122839	A461320	12	<0.001	0.012
122840	A461321	31	<0.001	0.031
122841	A461322	12	<0.001	0.012
122842	A461323	22	<0.001	0.022
122843	A461324	36	0.001	0.036
122844 Dup	A461324	36	0.001	0.036
122845	A461325	157	0.005	0.157
122846	A461326	9	<0.001	0.009
122847	A461327	60	0.002	0.060
122848	A461328	184	0.005	0.184
122849	A461329	47	0.001	0.047

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 Date Received: Jul 29, 2009
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 Job #: 200941675
 Reference: RL-09-201
 Sample #: 92 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
122850	A461330	34	<0.001	0.034
122851	A461331	55	0.002	0.055
122852	A461332	160	0.005	0.160
122853	A461333	27	<0.001	0.027
122854	A461334	32	<0.001	0.032
122855	Rep A461334	80	0.002	0.080
122856	A461335	165	0.005	0.165
122857	A461336	43	0.001	0.043
122858	A461337	23	<0.001	0.023
122859	A461338	63	0.002	0.063
122860	A461339	585	0.017	0.585
122861	A461340	891	0.026	0.891
122862	A461341	128	0.004	0.128
122863	A461342	15	<0.001	0.015
122864	A461343	7	<0.001	0.007
122865	A461344	6	<0.001	0.006
122866	Dup A461344	6	<0.001	0.006
122867	A461345	<5	<0.001	<0.005
122868	A461346	9	<0.001	0.009
122869	A461347	34	<0.001	0.034
122870	A461348	109	0.003	0.109
122871	A461349	739	0.022	0.739
122872	A461350	41	0.001	0.041
122873	A461351	38	0.001	0.038

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Date Received: Jul 29, 2009
Date Completed: Aug 10, 2009
Job #: 200941675
Reference: RL-09-201
Sample #: 92 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
122874	A461352	15	<0.001	0.015
122875	A461353	392	0.011	0.392
122876	A461354	25	<0.001	0.025
122877 Dup	A461354	13	<0.001	0.013
122878	A461355	8	<0.001	0.008
122879	A461356	<5	<0.001	<0.005
122880	A461357	<5	<0.001	<0.005
122881	A461358	31	<0.001	0.031
122882	A461359	176	0.005	0.176
122883	A461360	70	0.002	0.070
122884	A461361	62	0.002	0.062
122885	A461362	18	<0.001	0.018
122886	A461363	6	<0.001	0.006
122887	A461364	672	0.020	0.672
122888 Dup	A461364	668	0.019	0.668
122889	A461365	5	<0.001	0.005
122890	A461366	43	0.001	0.043
122891	A461367	199	0.006	0.199
122892	A461368	213	0.006	0.213
122893	A461369	10	<0.001	0.010
122894	A461370	34	0.001	0.034
122895	A461371	38	0.001	0.038
122896	A461372	24	<0.001	0.024
122897	A461373	<5	<0.001	<0.005

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Monday, August 10, 2009

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 Date Received: Jul 29, 2009
 Date Completed: Aug 10, 2009
 Job #: 200941675
 Reference: RL-09-201
 Sample #: 92 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
122898	A461374	15	<0.001	0.015
122899 Dup	A461374	17	<0.001	0.017
122900	A461375	28	<0.001	0.028
122901	A461376	900	0.026	0.900
122902	A461377	17	<0.001	0.017

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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AL903-0273-08/10/2009 2:19 PM

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Wednesday, August 12, 2009

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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 4, 2009
 Date Completed: Aug 12, 2009
 Job #: 200941729
 Reference: RL-09-201
 Sample #: 194 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
124377	A461378	14	<0.001	0.014
124378	A461379	34	<0.001	0.034
124379	A461380	23	<0.001	0.023
124380	A461381	45	0.001	0.045
124381	A461382	1205	0.035	1.205
124382	A461383	285	0.008	0.285
124383	A461384	20	<0.001	0.020
124384	A461385	13	<0.001	0.013
124385	A461386	66	0.002	0.066
124386	A461387	19	<0.001	0.019
124387 Dup	A461387	16	<0.001	0.016
124388	A461388	18	<0.001	0.018
124389	A461389	10	<0.001	0.010
124390	A461390	13	<0.001	0.013
124391	A461391	7	<0.001	0.007
124392	A461392	15	<0.001	0.015
124393	A461393	9	<0.001	0.009
124394	A461394	9	<0.001	0.009
124395	A461395	23	<0.001	0.023
124396	A461396	21	<0.001	0.021
124397	A461397	14	<0.001	0.014
124398 Dup	A461397	11	<0.001	0.011
124399	A461398	17	<0.001	0.017
124400	A461399	656	0.019	0.656

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 Date Received: Aug 4, 2009
 Date Completed: Aug 12, 2009
 Job #: 200941729
 Reference: RL-09-201
 Sample #: 194 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
124401	A461400	<5	<0.001	<0.005
124402	A461401	26	<0.001	0.026
124403	A461402	13	<0.001	0.013
124404	A461403	<5	<0.001	<0.005
124405	A461404	12	<0.001	0.012
124406	A461405	<5	<0.001	<0.005
124407	A461406	<5	<0.001	<0.005
124408	A461407	<5	<0.001	<0.005
124409 Dup	A461407	12	<0.001	0.012
124410	A461408	<5	<0.001	<0.005
124411	A461409	30	<0.001	0.030
124412	A461410	17	<0.001	0.017
124413	A461411	11	<0.001	0.011
124414	A461412	6	<0.001	0.006
124415	A461413	8	<0.001	0.008
124416	A461414	11	<0.001	0.011
124417	A461415	<5	<0.001	<0.005
124418	A461416	<5	<0.001	<0.005
124419	A461417	8	<0.001	0.008
124420 Dup	A461417	65	0.002	0.065
124421	A461418	18	<0.001	0.018
124422	A461419	2339	0.068	2.339
124423	A461420	8	<0.001	0.008
124424	A461421	19	<0.001	0.019

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 Date Received: Aug 4, 2009
 Date Completed: Aug 12, 2009
 Job #: 200941729
 Reference: RL-09-201
 Sample #: 194 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
124425	A461422	56	0.002	0.056
124426	A461423	6	<0.001	0.006
124427	A461424	37	0.001	0.037
124428	A461425	<5	<0.001	<0.005
124429	A461426	8	<0.001	0.008
124430	A461427	5	<0.001	0.005
124431 Dup	A461427	<5	<0.001	<0.005
124432	A461428	<5	<0.001	<0.005
124433	A461429	6	<0.001	0.006
124434	A461430	<5	<0.001	<0.005
124435	A461431	<5	<0.001	<0.005
124436	A461432	42	0.001	0.042
124437	A461433	29	<0.001	0.029
124438	A461434	153	0.004	0.153
124439	A461435	13	<0.001	0.013
124440	A461436	<5	<0.001	<0.005
124441	A461437	7	<0.001	0.007
124442 Rep	A461437	10	<0.001	0.010
124443	A461438	35	0.001	0.035
124444	A461439	6	<0.001	0.006
124445	A461440	9	<0.001	0.009
124446	A461441	<5	<0.001	<0.005
124447	A461442	6	<0.001	0.006
124448	A461443	<5	<0.001	<0.005

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 Reference: RL-09-201
 Sample #: 194 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
124449	A461444	6	<0.001	0.006
124450	A461445	9	<0.001	0.009
124451	A461446	5	<0.001	0.005
124452	A461447	7	<0.001	0.007
124453 Dup	A461447	8	<0.001	0.008
124454	A461448	7	<0.001	0.007
124455	A461449	677	0.020	0.677
124456	A461450	<5	<0.001	<0.005
124457	A461451	9	<0.001	0.009
124458	A461452	12	<0.001	0.012
124459	A461453	25	<0.001	0.025
124460	A461454	15	<0.001	0.015
124461	A461455	28	<0.001	0.028
124462	A461456	25	<0.001	0.025
124463	A461457	15	<0.001	0.015
124464 Dup	A461457	15	<0.001	0.015
124465	A461458	11	<0.001	0.011
124466	A461459	21	<0.001	0.021
124467	A461460	12	<0.001	0.012
124468	A461461	29	<0.001	0.029
124469	A461462	11	<0.001	0.011
124470	A461463	8	<0.001	0.008
124471	A461464	8	<0.001	0.008
124472	A461465	<5	<0.001	<0.005

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 Reference: RL-09-201
 Sample #: 194 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
124473	A461466	5	<0.001	0.005
124474	A461467	7	<0.001	0.007
124475 Dup	A461467	7	<0.001	0.007
124476	A461468	6	<0.001	0.006
124477	A461469	8	<0.001	0.008
124478	A461470	6	<0.001	0.006
124479	A461471	<5	<0.001	<0.005
124480	A461472	<5	<0.001	<0.005
124481	A461473	5	<0.001	0.005
124482	A461474	6	<0.001	0.006
124483	A461475	6	<0.001	0.006
124484	A461476	6	<0.001	0.006
124485	A461477	9	<0.001	0.009
124486 Dup	A461477	9	<0.001	0.009
124487	A461478	7	<0.001	0.007
124488	A461479	8	<0.001	0.008
124489	A461480	6	<0.001	0.006
124490	A461481	<5	<0.001	<0.005
124491	A461482	<5	<0.001	<0.005
124492	A461483	5	<0.001	0.005
124493	A461484	6	<0.001	0.006
124494	A461485	6	<0.001	0.006
124495	A461486	5	<0.001	0.005
124496	A461487	35	0.001	0.035

Certificate of Analysis

Wednesday, August 12, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 4, 2009
 Date Completed: Aug 12, 2009
 Job #: 200941729
 Reference: RL-09-201
 Sample #: 194 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
124497 Dup	A461487	7	<0.001	0.007
124498	A461488	8	<0.001	0.008
124499	A461489	6	<0.001	0.006
124500	A461490	7	<0.001	0.007
124501	A461491	54	0.002	0.054
124502	A461492	17	<0.001	0.017
124503	A461493	34	<0.001	0.034
124504	A461494	16	<0.001	0.016
124505	A461495	13	<0.001	0.013
124506	A461496	11	<0.001	0.011
124507	A461497	15	<0.001	0.015
124508 Rep	A461497	14	<0.001	0.014
124509	A461498	9	<0.001	0.009
124510	A461499	758	0.022	0.758
124511	A461500	<5	<0.001	<0.005
124512	A461501	10	<0.001	0.010
124513	A461502	32	<0.001	0.032
124514	A461503	11	<0.001	0.011
124515	A461504	12	<0.001	0.012
124516	A461505	8	<0.001	0.008
124517	A461506	9	<0.001	0.009
124518	A461507	7	<0.001	0.007
124519 Dup	A461507	14	<0.001	0.014
124520	A461508	44	0.001	0.044

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Date Received: Aug 4, 2009
Date Completed: Aug 12, 2009
Job #: 200941729
Reference: RL-09-201
Sample #: 194 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
124521	A461509	13	<0.001	0.013
124522	A461510	22	<0.001	0.022
124523	A461511	35	0.001	0.035
124524	A461512	42	0.001	0.042
124525	A461513	377	0.011	0.377
124526	A461514	22	<0.001	0.022
124527	A461515	44	0.001	0.044
124528	A461516	45	0.001	0.045
124529	A461517	81	0.002	0.081
124530 Dup	A461517	90	0.003	0.090
124531	A461518	34	0.001	0.034
124532	A461519	61	0.002	0.061
124533	A461520	13	<0.001	0.013
124534	A461521	15	<0.001	0.015
124535	A461522	18	<0.001	0.018
124536	A461523	15	<0.001	0.015
124537	A461524	79	0.002	0.079
124538	A461525	12	<0.001	0.012
124539	A461526	41	0.001	0.041
124540	A461527	22	<0.001	0.022
124541 Dup	A461527	22	<0.001	0.022
124542	A461528	11	<0.001	0.011
124543	A461529	13	<0.001	0.013
124544	A461530	67	0.002	0.067

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Date Received: Aug 4, 2009
Date Completed: Aug 12, 2009
Job #: 200941729
Reference: RL-09-201
Sample #: 194 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
124545	A461531	33	<0.001	0.033
124546	A461532	37	0.001	0.037
124547	A461533	77	0.002	0.077
124548	A461534	396	0.012	0.396
124549	A461535	38	0.001	0.038
124550	A461536	78	0.002	0.078
124551	A461537	24	<0.001	0.024
124552 Dup	A461537	21	<0.001	0.021
124553	A461538	10	<0.001	0.010
124554	A461539	12	<0.001	0.012
124555	A461540	21	<0.001	0.021
124556	A461541	21	<0.001	0.021
124557	A461542	132	0.004	0.132
124558	A461543	15	<0.001	0.015
124559	A461544	35	0.001	0.035
124560	A461545	38	0.001	0.038
124561	A461546	29	<0.001	0.029
124562	A461547	69	0.002	0.069
124563 Dup	A461547	68	0.002	0.068
124564	A461548	31	<0.001	0.031
124565	A461549	656	0.019	0.656
124566	A461550	<5	<0.001	<0.005
124567	A461551	22	<0.001	0.022
124568	A461552	51	0.001	0.051

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 Date Received: Aug 4, 2009
 Date Completed: Aug 12, 2009
 Job #: 200941729
 Reference: RL-09-201
 Sample #: 194 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
124569	A461553	8	<0.001	0.008
124570	A461554	7	<0.001	0.007
124571	A461555	25	<0.001	0.025
124572	A461556	29	<0.001	0.029
124573	A461557	19	<0.001	0.019
124574	Rep A461557	23	<0.001	0.023
124575	A461558	46	0.001	0.046
124576	A461559	17	<0.001	0.017
124577	A461560	18	<0.001	0.018
124578	A461561	44	0.001	0.044
124579	A461562	25	<0.001	0.025
124580	A461563	32	<0.001	0.032
124581	A461564	29	<0.001	0.029
124582	A461565	31	<0.001	0.031
124583	A461566	76	0.002	0.076
124584	A461567	14	<0.001	0.014
124585	Dup A461567	15	<0.001	0.015
124586	A461568	168	0.005	0.168
124587	A461569	27	<0.001	0.027
124588	A461570	10	<0.001	0.010
124589	A461571	8	<0.001	0.008

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 Email#: pchantigny@goldcorp.com

Date Received: Aug 4, 2009
 Date Completed: Aug 12, 2009
 Job #: 200941729
 Reference: RL-09-201
 Sample #: 194 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
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PROCEDURE CODES: ALFA1



Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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 Date Received: Aug 5, 2009
 Date Completed: Aug 14, 2009
 Job #: 200941756
 Reference: RL-09-201
 Sample #: 55 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
125656	A461572	6	<0.001	0.006
125657	A461573	17	<0.001	0.017
125658	A461574	34	0.001	0.034
125659	A461575	40	0.001	0.040
125660	A461576	23	<0.001	0.023
125661	A461577	54	0.002	0.054
125662 Dup	A461577	47	0.001	0.047
125663	A461578	15	<0.001	0.015
125664	A461579	<5	<0.001	<0.005
125665	A461580	<5	<0.001	<0.005
125666	A461581	17	<0.001	0.017
125667	A461582	22	<0.001	0.022
125668	A461583	<5	<0.001	<0.005
125669	A461584	5	<0.001	0.005
125670	A461585	<5	<0.001	<0.005
125671	A461586	21	<0.001	0.021
125672	A461587	22	<0.001	0.022
125673 Dup	A461587	17	<0.001	0.017
125674	A461588	<5	<0.001	<0.005
125675	A461589	111	0.003	0.111
125676	A461590	11	<0.001	0.011
125677	A461591	22	<0.001	0.022
125678	A461592	<5	<0.001	<0.005
125679	A461593	7	<0.001	0.007

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 Email#: pchantigny@goldcorp.com

 Date Received: Aug 5, 2009
 Date Completed: Aug 14, 2009
 Job #: 200941756
 Reference: RL-09-201
 Sample #: 55 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
125680	A461594	120	0.003	0.120
125681	A461595	75	0.002	0.075
125682	A461596	42	0.001	0.042
125683	A461597	120	0.003	0.120
125684 Dup	A461597	195	0.006	0.195
125685	A461598	103	0.003	0.103
125686	A461599	6734	0.196	6.734
125687	A461600	6	<0.001	0.006
125688	A461601	15	<0.001	0.015
125689	A461602	<5	<0.001	<0.005
125690	A461603	<5	<0.001	<0.005
125691	A461604	<5	<0.001	<0.005
125692	A461605	7	<0.001	0.007
125693	A461606	206	0.006	0.206
125694	A461607	29	<0.001	0.029
125695 Dup	A461607	24	<0.001	0.024
125696	A461608	311	0.009	0.311
125697	A461609	12	<0.001	0.012
125698	A461610	20	<0.001	0.020
125699	A461611	8	<0.001	0.008
125700	A461612	45	0.001	0.045
125701	A461613	43	0.001	0.043
125702	A461614	69	0.002	0.069
125703	A461615	37	0.001	0.037

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 Date Received: Aug 5, 2009
 Date Completed: Aug 14, 2009
 Job #: 200941756
 Reference: RL-09-201
 Sample #: 55 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
125704	A461616	77	0.002	0.077
125705	A461617	44	0.001	0.044
125706 Dup	A461617	39	0.001	0.039
125707	A461618	27	<0.001	0.027
125708	A461619	96	0.003	0.096
125709	A461620	38	0.001	0.038
125710	A461621	<5	<0.001	<0.005
125711	A461622	<5	<0.001	<0.005
125712	A461623	43	0.001	0.043
125713	A461624	126	0.004	0.126
125714	A461625	48	0.001	0.048
125715	A461626	14	<0.001	0.014

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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Thursday, August 20, 2009

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 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 7, 2009
 Date Completed: Aug 20, 2009
 Job #: 200941807
 Reference: RL-09-201
 Sample #: 96 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
127786	A461635	72	0.002	0.072
127787	A461636	24	<0.001	0.024
127788	A461637	18	<0.001	0.018
127789	A461638	15	<0.001	0.015
127790	A461639	7	<0.001	0.007
127791	A461640	508	0.015	0.508
127792	A461641	13	<0.001	0.013
127793	A461642	<5	<0.001	<0.005
127794	A461643	<5	<0.001	<0.005
127795	A461644	15	<0.001	0.015
127796 Dup	A461644	25	<0.001	0.025
127797	A461645	16	<0.001	0.016
127798	A461646	7	<0.001	0.007
127799	A461647	13	<0.001	0.013
127800	A461648	<5	<0.001	<0.005
127801	A461649	726	0.021	0.726
127802	A461650	5	<0.001	0.005
127803	A461651	47	0.001	0.047
127804	A461652	13	<0.001	0.013
127805	A461653	23	<0.001	0.023
127806	A461654	36	0.001	0.036
127807 Dup	A461654	32	<0.001	0.032
127808	A461655	13	<0.001	0.013
127809	A461656	126	0.004	0.126

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 Date Received: Aug 7, 2009
 Date Completed: Aug 20, 2009
 Job #: 200941807
 Reference: RL-09-201
 Sample #: 96 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
127810	A461657	28	<0.001	0.028
127811	A461658	10	<0.001	0.010
127812	A461659	9	<0.001	0.009
127813	A461660	<5	<0.001	<0.005
127814	A461661	13	<0.001	0.013
127815	A461662	<5	<0.001	<0.005
127816	A461663	<5	<0.001	<0.005
127817	A461664	7	<0.001	0.007
127818	Dup A461664	6	<0.001	0.006
127819	A461665	<5	<0.001	<0.005
127820	A461666	14	<0.001	0.014
127821	A461667	<5	<0.001	<0.005
127822	A461668	<5	<0.001	<0.005
127823	A461669	<5	<0.001	<0.005
127824	A461670	<5	<0.001	<0.005
127825	A461671	<5	<0.001	<0.005
127826	A461672	<5	<0.001	<0.005
127827	A461673	<5	<0.001	<0.005
127828	A461674	14	<0.001	0.014
127829	Dup A461674	8	<0.001	0.008
127830	A461675	<5	<0.001	<0.005
127831	A461676	<5	<0.001	<0.005
127832	A461677	<5	<0.001	<0.005
127833	A461678	<5	<0.001	<0.005

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Date Received: Aug 7, 2009
 Date Completed: Aug 20, 2009
 Job #: 200941807
 Reference: RL-09-201
 Sample #: 96 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
127834	A461679	<5	<0.001	<0.005
127835	A461680	6	<0.001	0.006
127836	A461681	<5	<0.001	<0.005
127837	A461682	16	<0.001	0.016
127838	A461683	7	<0.001	0.007
127839	A461684	7	<0.001	0.007
127840	Dup A461684	8	<0.001	0.008
127841	A461685	<5	<0.001	<0.005
127842	A461686	14	<0.001	0.014
127843	A461687	13	<0.001	0.013
127844	A461688	5	<0.001	0.005
127845	A461689	43	0.001	0.043
127846	A461690	21	<0.001	0.021
127847	A461691	17	<0.001	0.017
127848	A461692	16	<0.001	0.016
127849	A461693	14	<0.001	0.014
127850	A461694	6	<0.001	0.006
127851	Rep A461694	10	<0.001	0.010
127852	A461695	8	<0.001	0.008
127853	A461696	12	<0.001	0.012
127854	A461697	9	<0.001	0.009
127855	A461698	<5	<0.001	<0.005
127856	A461699	802	0.023	0.802
127857	A461700	<5	<0.001	<0.005

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 Date Completed: Aug 20, 2009
 Job #: 200941807
 Reference: RL-09-201
 Sample #: 96 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
127858	A461701	12	<0.001	0.012
127859	A461702	15	<0.001	0.015
127860	A461703	12	<0.001	0.012
127861	A461704	12	<0.001	0.012
127862	Dup A461704	27	<0.001	0.027
127863	A461705	26	<0.001	0.026
127864	A461706	12	<0.001	0.012
127865	A461707	19	<0.001	0.019
127866	A461708	11	<0.001	0.011
127867	A461709	7	<0.001	0.007
127868	A461710	<5	<0.001	<0.005
127869	A461711	<5	<0.001	<0.005
127870	A461712	<5	<0.001	<0.005
127871	A461713	<5	<0.001	<0.005
127872	A461714	<5	<0.001	<0.005
127873	Dup A461714	<5	<0.001	<0.005
127874	A461715	11	<0.001	0.011
127875	A461716	292	0.009	0.292
127876	A461717	96	0.003	0.096
127877	A461718	<5	<0.001	<0.005
127878	A461719	9	<0.001	0.009
127879	A461720	18	<0.001	0.018
127880	A461721	<5	<0.001	<0.005
127881	A461722	<5	<0.001	<0.005

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 Date Received: Aug 7, 2009
 Date Completed: Aug 20, 2009
 Job #: 200941807
 Reference: RL-09-201
 Sample #: 96 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
127882	A461723	8	<0.001	0.008
127883	A461724	6	<0.001	0.006
127884 Dup	A461724	5	<0.001	0.005
127885	A461725	6	<0.001	0.006
127886	A461726	25	<0.001	0.025
127887	A461727	<5	<0.001	<0.005
127888	A461728	<5	<0.001	<0.005
127889	A461729	18	<0.001	0.018
127890	A461730	5	<0.001	0.005

PROCEDURE CODES: ALFA1

Certified By:


 Jason Moore, General Manager

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 Date Received: Aug 10, 2009
 Date Completed: Aug 19, 2009
 Job #: 200941817
 Reference: Extras
 Sample #: 8 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
128799	A461627	19	<0.001	0.019
128800	A461628	9	<0.001	0.009
128801	A461629	<5	<0.001	<0.005
128802	A461630	<5	<0.001	<0.005
128803	A461631	69	0.002	0.069
128804	A461632	91	0.003	0.091
128805	A461633	22	<0.001	0.022
128806	A461634	16	<0.001	0.016
128807 Dup	A461634	15	<0.001	0.015

PROCEDURE CODES: ALFA1

Certified By:


 Jason Moore, General Manager

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AL903-0273-08/19/2009 8:34 AM

Certificate of Analysis

Friday, August 21, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 11, 2009
 Date Completed: Aug 21, 2009
 Job #: 200941846
 Reference: RL-09-201
 Sample #: 84 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
129942	A461731	20	<0.001	0.020
129943	A461732	<5	<0.001	<0.005
129944	A461733	<5	<0.001	<0.005
129945	A461734	<5	<0.001	<0.005
129946	A461735	<5	<0.001	<0.005
129947	A461736	<5	<0.001	<0.005
129948	A461737	17	<0.001	0.017
129949 Dup	A461737	7	<0.001	0.007
129950	A461738	<5	<0.001	<0.005
129951	A461739	<5	<0.001	<0.005
129952	A461740	7	<0.001	0.007
129953	A461741	5	<0.001	0.005
129954	A461742	<5	<0.001	<0.005
129955	A461743	<5	<0.001	<0.005
129956	A461744	5	<0.001	0.005
129957	A461745	83	0.002	0.083
129958	A461746	<5	<0.001	<0.005
129959	A461747	<5	<0.001	<0.005
129960 Dup	A461747	<5	<0.001	<0.005
129961	A461748	<5	<0.001	<0.005
129962	A461749	1001	0.029	1.001
129963	A461750	<5	<0.001	<0.005
129964	A461751	19	<0.001	0.019
129965	A461752	39	0.001	0.039

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 Date Received: Aug 11, 2009
 Date Completed: Aug 21, 2009
 Job #: 200941846
 Reference: RL-09-201
 Sample #: 84 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
129966	A461753	21	<0.001	0.021
129967	A461754	27	<0.001	0.027
129968	A461755	38	0.001	0.038
129969	A461756	11	<0.001	0.011
129970	A461757	19	<0.001	0.019
129971 Dup	A461757	20	<0.001	0.020
129972	A461758	22	<0.001	0.022
129973	A461759	19	<0.001	0.019
129974	A461760	11	<0.001	0.011
129975	A461761	28	<0.001	0.028
129976	A461762	22	<0.001	0.022
129977	A461763	55	0.002	0.055
129978	A461764	38	0.001	0.038
129979	A461765	33	<0.001	0.033
129980	A461766	39	0.001	0.039
129981	A461767	114	0.003	0.114
129982 Dup	A461767	102	0.003	0.102
129983	A461768	27	<0.001	0.027
129984	A461769	22	<0.001	0.022
129985	A461770	20	<0.001	0.020
129986	A461771	57	0.002	0.057
129987	A461772	48	0.001	0.048
129988	A461773	26	<0.001	0.026
129989	A461774	35	0.001	0.035

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 Date Received: Aug 11, 2009
 Date Completed: Aug 21, 2009
 Job #: 200941846
 Reference: RL-09-201
 Sample #: 84 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
129990	A461775	77	0.002	0.077
129991	A461776	9	<0.001	0.009
129992	A461777	17	<0.001	0.017
129993 Dup	A461777	20	<0.001	0.020
129994	A461778	29	<0.001	0.029
129995	A461779	<5	<0.001	<0.005
129996	A461780	14	<0.001	0.014
129997	A461781	17	<0.001	0.017
129998	A461782	8	<0.001	0.008
129999	A461783	10	<0.001	0.010
130000	A461784	6	<0.001	0.006
130001	A461785	<5	<0.001	<0.005
130002	A461786	<5	<0.001	<0.005
130003	A461787	<5	<0.001	<0.005
130004 Rep	A461787	<5	<0.001	<0.005
130005	A461788	<5	<0.001	<0.005
130006	A461789	<5	<0.001	<0.005
130007	A461790	<5	<0.001	<0.005
130008	A461791	11	<0.001	0.011
130009	A461792	<5	<0.001	<0.005
130010	A461793	<5	<0.001	<0.005
130011	A461794	7	<0.001	0.007
130012	A461795	<5	<0.001	<0.005
130013	A461796	<5	<0.001	<0.005

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Date Received: Aug 11, 2009

Date Completed: Aug 21, 2009

Job #: 200941846

Reference: RL-09-201

Sample #: 84 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
130014	A461797	<5	<0.001	<0.005
130015 Dup	A461797	<5	<0.001	<0.005
130016	A461798	<5	<0.001	<0.005
130017	A461799	768	0.022	0.768
130018	A461800	<5	<0.001	<0.005
130019	A461801	<5	<0.001	<0.005
130020	A461802	<5	<0.001	<0.005
130021	A461803	<5	<0.001	<0.005
130022	A461804	<5	<0.001	<0.005
130023	A461805	<5	<0.001	<0.005
130024	A461806	<5	<0.001	<0.005
130025	A461807	<5	<0.001	<0.005
130026 Dup	A461807	<5	<0.001	<0.005
130027	A461808	<5	<0.001	<0.005
130028	A461809	<5	<0.001	<0.005
130029	A461810	<5	<0.001	<0.005
130030	A461811	<5	<0.001	<0.005
130031	A461812	8	<0.001	0.008
130032	A461813	<5	<0.001	<0.005
130033	A461814	<5	<0.001	<0.005

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Friday, August 21, 2009

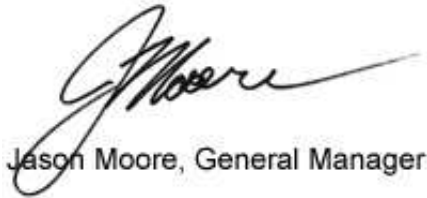
 GoldCorp Inc. (RL_Reg_Exp)
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 Ph#: (807) 735-2077
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 Date Received: Aug 11, 2009
 Date Completed: Aug 21, 2009
 Job #: 200941846
 Reference: RL-09-201
 Sample #: 84 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
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PROCEDURE CODES: ALFA1

Certified By:



 Jason Moore, General Manager

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Thursday, August 27, 2009

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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 12, 2009
 Date Completed: Aug 26, 2009
 Job #: 200941857
 Reference: RL-09-201
 Sample #: 60 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
130640	A461815	<5	<0.001	<0.005
130641	A461816	133	0.004	0.133
130642	A461817	<5	<0.001	<0.005
130643	A461818	21	<0.001	0.021
130644	A461819	14	<0.001	0.014
130645	A461820	6	<0.001	0.006
130646	A461821	<5	<0.001	<0.005
130647	A461822	<5	<0.001	<0.005
130648	A461823	15	<0.001	0.015
130649	A461824	15	<0.001	0.015
130650 Dup	A461824	12	<0.001	0.012
130651	A461825	203	0.006	0.203
130652	A461826	<5	<0.001	<0.005
130653	A461827	<5	<0.001	<0.005
130654	A461828	<5	<0.001	<0.005
130655	A461829	76	0.002	0.076
130656	A461830	11	<0.001	0.011
130657	A461831	11	<0.001	0.011
130658	A461832	20	<0.001	0.020
130659	A461833	<5	<0.001	<0.005
130660	A461834	<5	<0.001	<0.005
130661 Dup	A461834	<5	<0.001	<0.005
130662	A461835	<5	<0.001	<0.005
130663	A461836	<5	<0.001	<0.005

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Thursday, August 27, 2009

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 Date Received: Aug 12, 2009
 Date Completed: Aug 26, 2009
 Job #: 200941857
 Reference: RL-09-201
 Sample #: 60 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
130664	A461837	<5	<0.001	<0.005
130665	A461838	7	<0.001	0.007
130666	A461839	7	<0.001	0.007
130667	A461840	<5	<0.001	<0.005
130668	A461841	<5	<0.001	<0.005
130669	A461842	<5	<0.001	<0.005
130670	A461843	<5	<0.001	<0.005
130671	A461844	<5	<0.001	<0.005
130672	Dup A461844	<5	<0.001	<0.005
130673	A461845	<5	<0.001	<0.005
130674	A461846	<5	<0.001	<0.005
130675	A461847	<5	<0.001	<0.005
130676	A461848	<5	<0.001	<0.005
130677	A461849	713	0.021	0.713
130678	A461850	6	<0.001	0.006
130679	A461851	<5	<0.001	<0.005
130680	A461852	<5	<0.001	<0.005
130681	A461853	<5	<0.001	<0.005
130682	A461854	<5	<0.001	<0.005
130683	Dup A461854	<5	<0.001	<0.005
130684	A461855	<5	<0.001	<0.005
130685	A461856	8	<0.001	0.008
130686	A461857	<5	<0.001	<0.005
130687	A461858	12	<0.001	0.012

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 Date Received: Aug 12, 2009
 Date Completed: Aug 26, 2009
 Job #: 200941857
 Reference: RL-09-201
 Sample #: 60 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
130688	A461859	6	<0.001	0.006
130689	A461860	<5	<0.001	<0.005
130690	A461861	5	<0.001	0.005
130691	A461862	<5	<0.001	<0.005
130692	A461863	<5	<0.001	<0.005
130693	A461864	<5	<0.001	<0.005
130694 Dup	A461864	<5	<0.001	<0.005
130695	A461865	5	<0.001	0.005
130696	A461866	<5	<0.001	<0.005
130697	A461867	<5	<0.001	<0.005
130698	A461868	9	<0.001	0.009
130699	A461869	<5	<0.001	<0.005
130700	A461870	<5	<0.001	<0.005
130701	A461871	<5	<0.001	<0.005
130702	A461872	<5	<0.001	<0.005
130703	A461873	<5	<0.001	<0.005
130704	A461874	<5	<0.001	<0.005
130705 Rep	A461874	13	<0.001	0.013

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Thursday, August 27, 2009

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Date Received: Aug 12, 2009
 Date Completed: Aug 26, 2009
 Job #: 200941857
 Reference: RL-09-201
 Sample #: 60 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
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PROCEDURE CODES: ALFA1



Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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 Ph#: (807) 735-2077
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 Email#: pchantigny@goldcorp.com

Date Received: Aug 14, 2009
 Date Completed: Aug 27, 2009
 Job #: 200941896
 Reference: RL-09-201
 Sample #: 32 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
132010	A461875	13	<0.001	0.013
132011	A461876	5	<0.001	0.005
132012	A461877	<5	<0.001	<0.005
132013	A461878	<5	<0.001	<0.005
132014	A461879	7	<0.001	0.007
132015	A461880	22	<0.001	0.022
132016	A461881	18	<0.001	0.018
132017	A461882	5	<0.001	0.005
132018	A461883	11	<0.001	0.011
132019	A461884	15	<0.001	0.015
132020 Dup	A461884	24	<0.001	0.024
132021	A461885	13	<0.001	0.013
132022	A461886	21	<0.001	0.021
132023	A461887	<5	<0.001	<0.005
132024	A461888	9	<0.001	0.009
132025	A461889	8	<0.001	0.008
132026	A461890	6	<0.001	0.006
132027	A461891	5	<0.001	0.005
132028	A461892	<5	<0.001	<0.005
132029	A461893	6	<0.001	0.006
132030	A461894	<5	<0.001	<0.005
132031 Dup	A461894	<5	<0.001	<0.005
132032	A461895	8	<0.001	0.008
132033	A461896	<5	<0.001	<0.005

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 Date Completed: Aug 27, 2009
 Job #: 200941896
 Reference: RL-09-201
 Sample #: 32 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
132034	A461897	<5	<0.001	<0.005
132035	A461898	<5	<0.001	<0.005
132036	A461899	637	0.019	0.637
132037	A461900	<5	<0.001	<0.005
132038	A461901	12	<0.001	0.012
132039	A461902	8	<0.001	0.008
132040	A461903	18	<0.001	0.018
132041	A461904	8	<0.001	0.008
132042 Dup	A461904	7	<0.001	0.007
132043	A461905	17	<0.001	0.017
132044	A461906	203	0.006	0.203

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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Certificate of Analysis

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 Balmertown, ON, CAN
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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 25, 2009
 Date Completed: Sep 9, 2009
 Job #: 200941990
 Reference: RL-09-202
 Sample #: 90 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
137223	A466986	66	0.002	0.066
137224	A466987	102	0.003	0.102
137225	A466988	129	0.004	0.129
137226	A466989	84	0.002	0.084
137227	A466990	75	0.002	0.075
137228	A466991	83	0.002	0.083
137229	A466992	333	0.010	0.333
137230	A466993	85	0.002	0.085
137231	A466994	62	0.002	0.062
137232	A466995	118	0.003	0.118
137233 Dup	A466995	130	0.004	0.130
137234	A466996	80	0.002	0.080
137235	A466997	144	0.004	0.144
137236	A466998	121	0.004	0.121
137237	A466999	737	0.022	0.737
137238	A467000	6	<0.001	0.006
137239	A467001	251	0.007	0.251
137240	A467002	76	0.002	0.076
137241	A467003	65	0.002	0.065
137242	A467004	125	0.004	0.125
137243	A467005	28	<0.001	0.028
137244 Dup	A467005	32	<0.001	0.032
137245	A467006	130	0.004	0.130
137246	A467007	101	0.003	0.101

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 Job #: 200941990
 Reference: RL-09-202
 Sample #: 90 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
137247	A467008	227	0.007	0.227
137248	A467009	66	0.002	0.066
137249	A467010	79	0.002	0.079
137250	A467011	151	0.004	0.151
137251	A467012	134	0.004	0.134
137252	A467013	350	0.010	0.350
137253	A467014	148	0.004	0.148
137254	A467015	185	0.005	0.185
137255 Dup	A467015	199	0.006	0.199
137256	A467016	61	0.002	0.061
137257	A467017	89	0.003	0.089
137258	A467018	75	0.002	0.075
137259	A467019	298	0.009	0.298
137260	A467020	182	0.005	0.182
137261	A467021	101	0.003	0.101
137262	A467022	258	0.008	0.258
137263	A467023	180	0.005	0.180
137264	A467024	83	0.002	0.083
137265	A467025	112	0.003	0.112
137266 Dup	A467025	125	0.004	0.125
137267	A467026	75	0.002	0.075
137268	A467027	206	0.006	0.206
137269	A467028	80	0.002	0.080
137270	A467029	64	0.002	0.064

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 Reference: RL-09-202
 Sample #: 90 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
137271	A467030	91	0.003	0.091
137272	A467031	35	0.001	0.035
137273	A467032	51	0.001	0.051
137274	A467033	54	0.002	0.054
137275	A467034	23	<0.001	0.023
137276	A467035	34	<0.001	0.034
137277 Dup	A467035	17	<0.001	0.017
137278	A467036	32	<0.001	0.032
137279	A467037	9	<0.001	0.009
137280	A467038	8	<0.001	0.008
137281	A467039	24	<0.001	0.024
137282	A467040	7	<0.001	0.007
137283	A467041	199	0.006	0.199
137284	A467042	82	0.002	0.082
137285	A467043	59	0.002	0.059
137286	A467044	95	0.003	0.095
137287	A467045	12	<0.001	0.012
137288 Rep	A467045	10	<0.001	0.010
137289	A467046	12	<0.001	0.012
137290	A467047	6	<0.001	0.006
137291	A467048	18	<0.001	0.018
137292	A467049	3647	0.106	3.647
137293	A467050	<5	<0.001	<0.005
137294	A467051	103	0.003	0.103

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 P0V1G0
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 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 25, 2009
 Date Completed: Sep 9, 2009
 Job #: 200941990
 Reference: RL-09-202
 Sample #: 90 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
137295	A467052	153	0.004	0.153
137296	A467053	246	0.007	0.246
137297	A467054	297	0.009	0.297
137298	A467055	2588	0.076	2.588
137299 Dup	A467055	2596	0.076	2.596
137300	A467056	284	0.008	0.284
137301	A467057	555	0.016	0.555
137302	A467058	205	0.006	0.205
137303	A467059	482	0.014	0.482
137304	A467060	270	0.008	0.270
137305	A467061	298	0.009	0.298
137306	A467062	548	0.016	0.548
137307	A467063	725	0.021	0.725
137308	A467064	347	0.010	0.347
137309	A467065	66	0.002	0.066
137310 Dup	A467065	97	0.003	0.097
137311	A467066	465	0.014	0.465
137312	A467067	234	0.007	0.234
137313	A467068	471	0.014	0.471
137314	A467069	599	0.017	0.599
137315	A467070	379	0.011	0.379
137316	A467071	806	0.024	0.806
137317	A467072	341	0.010	0.341
137318	A467073	243	0.007	0.243

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
137319	A467074	242	0.007	0.242
137320	A467075	57	0.002	0.057
137321 Dup	A467075	60	0.002	0.060

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested

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 Sample #: 292 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
137931	A467076	415	0.012	0.415
137932	A467077	47	0.001	0.047
137933	A467078	269	0.008	0.269
137934	A467079	562	0.016	0.562
137935	A467080	574	0.017	0.574
137936	A467081	857	0.025	0.857
137937	A467082	2478	0.072	2.478
137938	A467083	964	0.028	0.964
137939	A467084	303	0.009	0.303
137940	A467085	496	0.014	0.496
137941 Dup	A467085	442	0.013	0.442
137942	A467086	275	0.008	0.275
137943	A467087	226	0.007	0.226
137944	A467088	416	0.012	0.416
137945	A467089	166	0.005	0.166
137946	A467090	112	0.003	0.112
137947	A467091	84	0.002	0.084
137948	A467092	104	0.003	0.104
137949	A467093	153	0.004	0.153
137950	A467094	62	0.002	0.062
137951	A467095	107	0.003	0.107
137952	A467096	271	0.008	0.271
137953 Dup	A467096	274	0.008	0.274
137954	A467097	253	0.007	0.253

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
137955	A467098	133	0.004	0.133
137956	A467099	703	0.021	0.703
137957	A467100	<5	<0.001	<0.005
137958	A467101	93	0.003	0.093
137959	A467102	79	0.002	0.079
137960	A467103	8	<0.001	0.008
137961	A467104	215	0.006	0.215
137962	A467105	8	<0.001	0.008
137963 Dup	A467105	<5	<0.001	<0.005
137964	A467106	21	<0.001	0.021
137965	A467107	17	<0.001	0.017
137966	A467108	102	0.003	0.102
137967	A467109	159	0.005	0.159
137968	A467110	42	0.001	0.042
137969	A467111	88	0.003	0.088
137970	A467112	25	<0.001	0.025
137971	A467113	12	<0.001	0.012
137972	A467114	9	<0.001	0.009
137973	A467115	28	<0.001	0.028
137974 Dup	A467115	14	<0.001	0.014
137975	A467116	54	0.002	0.054
137976	A467117	50	0.001	0.050
137977	A467118	13	<0.001	0.013
137978	A467119	5	<0.001	0.005

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
137979	A467120	49	0.001	0.049
137980	A467121	26	<0.001	0.026
137981	A467122	25	<0.001	0.025
137982	A467123	17	<0.001	0.017
137983	A467124	5	<0.001	0.005
137984	A467125	30	<0.001	0.030
137985	A467126	36	0.001	0.036
137986 Dup	A467126	42	0.001	0.042
137987	A467127	23	<0.001	0.023
137988	A467128	41	0.001	0.041
137989	A467129	11	<0.001	0.011
137990	A467130	15	<0.001	0.015
137991	A467131	92	0.003	0.092
137992	A467132	549	0.016	0.549
137993	A467133	120	0.004	0.120
137994	A467134	3959	0.115	3.959
137995	A467135	149	0.004	0.149
137996 Rep	A467135	150	0.004	0.150
137997	A467136	108	0.003	0.108
137998	A467137	128	0.004	0.128
137999	A467138	184	0.005	0.184
138000	A467139	199	0.006	0.199
138001	A467140	129	0.004	0.129
138002	A467141	98	0.003	0.098

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138003	A467142	107	0.003	0.107
138004	A467143	98	0.003	0.098
138005	A467144	70	0.002	0.070
138006	A467145	52	0.002	0.052
138007 Dup	A467145	68	0.002	0.068
138008	A467146	12	<0.001	0.012
138009	A467147	100	0.003	0.100
138010	A467148	29	<0.001	0.029
138011	A467149	707	0.021	0.707
138012	A467150	5	<0.001	0.005
138013	A467151	14	<0.001	0.014
138014	A467152	13	<0.001	0.013
138015	A467153	7	<0.001	0.007
138016	A467154	12	<0.001	0.012
138017	A467155	284	0.008	0.284
138018 Dup	A467155	329	0.010	0.329
138019	A467156	468	0.014	0.468
138020	A467157	20	<0.001	0.020
138021	A467158	19	<0.001	0.019
138022	A467159	7	<0.001	0.007
138023	A467160	9	<0.001	0.009
138024	A467161	44	0.001	0.044
138025	A467162	292	0.009	0.292
138026	A467163	104	0.003	0.104

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138027	A467164	22	<0.001	0.022
138028	A467165	5	<0.001	0.005
138029 Dup	A467165	<5	<0.001	<0.005
138030	A467166	15	<0.001	0.015
138031	A467167	12	<0.001	0.012
138032	A467168	11	<0.001	0.011
138033	A467169	6	<0.001	0.006
138034	A467170	12	<0.001	0.012
138035	A467171	20	<0.001	0.020
138036	A467172	11	<0.001	0.011
138037	A467173	11	<0.001	0.011
138038	A467174	12	<0.001	0.012
138039	A467175	15	<0.001	0.015
138040 Dup	A467175	17	<0.001	0.017
138041	A467176	22	<0.001	0.022
138042	A467177	8	<0.001	0.008
138043	A467178	19	<0.001	0.019
138044	A467179	45	0.001	0.045
138045	A467180	6	<0.001	0.006
138046	A467181	7	<0.001	0.007
138047	A467182	33	<0.001	0.033
138048	A467183	<5	<0.001	<0.005
138049	A467184	27	<0.001	0.027
138050	A467185	24	<0.001	0.024

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138051 Dup	A467185	22	<0.001	0.022
138052	A467186	48	0.001	0.048
138053	A467187	12	<0.001	0.012
138054	A467188	29	<0.001	0.029
138055	A467189	20	<0.001	0.020
138056	A467190	22	<0.001	0.022
138057	A467191	3367	0.098	3.367
138058	A467192	30	<0.001	0.030
138059	A467193	20	<0.001	0.020
138060	A467194	11	<0.001	0.011
138061	A467195	197	0.006	0.197
138062 Rep	A467195	175	0.005	0.175
138063	A467196	14	<0.001	0.014
138064	A467197	17	<0.001	0.017
138065	A467198	262	0.008	0.262
138066	A467199	741	0.022	0.741
138067	A467200	9	<0.001	0.009
138068	A467201	75	0.002	0.075
138069	A467202	22	<0.001	0.022
138070	A467203	16	<0.001	0.016
138071	A467204	254	0.007	0.254
138072	A467205	10	<0.001	0.010
138073 Dup	A467205	5	<0.001	0.005
138074	A467206	22	<0.001	0.022

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138075	A467207	8	<0.001	0.008
138076	A467208	20	<0.001	0.020
138077	A467209	13	<0.001	0.013
138078	A467210	707	0.021	0.707
138079	A467211	22	<0.001	0.022
138080	A467212	13	<0.001	0.013
138081	A467213	14	<0.001	0.014
138082	A467214	17	<0.001	0.017
138083	A467215	8	<0.001	0.008
138084 Dup	A467215	5	<0.001	0.005
138085	A467216	<5	<0.001	<0.005
138086	A467217	11	<0.001	0.011
138087	A467218	11	<0.001	0.011
138088	A467219	1160	0.034	1.160
138089	A467220	74	0.002	0.074
138090	A467221	26	<0.001	0.026
138091	A467222	17	<0.001	0.017
138092	A467223	26	<0.001	0.026
138093	A467224	5	<0.001	0.005
138094	A467225	19	<0.001	0.019
138095 Dup	A467225	15	<0.001	0.015
138096	A467226	10	<0.001	0.010
138097	A467227	14	<0.001	0.014
138098	A467228	7	<0.001	0.007

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138099	A467229	9	<0.001	0.009
138100	A467230	24	<0.001	0.024
138101	A467231	17	<0.001	0.017
138102	A467232	6	<0.001	0.006
138103	A467233	17	<0.001	0.017
138104	A467234	19	<0.001	0.019
138105	A467235	54	0.002	0.054
138106 Dup	A467235	44	0.001	0.044
138107	A467236	31	<0.001	0.031
138108	A467237	34	<0.001	0.034
138109	A467238	25	<0.001	0.025
138110	A467239	75	0.002	0.075
138111	A467240	21	<0.001	0.021
138112	A467241	185	0.005	0.185
138113	A467242	30	<0.001	0.030
138114	A467243	608	0.018	0.608
138115	A467244	13	<0.001	0.013
138116	A467245	6	<0.001	0.006
138117 Dup	A467245	7	<0.001	0.007
138118	A467246	<5	<0.001	<0.005
138119	A467247	8	<0.001	0.008
138120	A467248	67	0.002	0.067
138121	A467249	665	0.019	0.665
138122	A467250	11	<0.001	0.011

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138123	A467251	28	<0.001	0.028
138124	A467252	28	<0.001	0.028
138125	A467253	84	0.002	0.084
138126	A467254	48	0.001	0.048
138127	A467255	19	<0.001	0.019
138128	Rep A467255	23	<0.001	0.023
138129	A467256	85	0.002	0.085
138130	A467257	65	0.002	0.065
138131	A467258	28	<0.001	0.028
138132	A467259	28	<0.001	0.028
138133	A467260	10	<0.001	0.010
138134	A467261	17	<0.001	0.017
138135	A467262	12	<0.001	0.012
138136	A467263	199	0.006	0.199
138137	A467264	42	0.001	0.042
138138	A467265	61	0.002	0.061
138139	Dup A467265	79	0.002	0.079
138140	A467266	12	<0.001	0.012
138141	A467267	9	<0.001	0.009
138142	A467268	41	0.001	0.041
138143	A467269	67	0.002	0.067
138144	A467270	60	0.002	0.060
138145	A467271	121	0.004	0.121
138146	A467272	12	<0.001	0.012

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138147	A467273	69	0.002	0.069
138148	A467274	38	0.001	0.038
138149	A467275	21	<0.001	0.021
138150 Dup	A467275	17	<0.001	0.017
138151	A467276	31	<0.001	0.031
138152	A467277	28	<0.001	0.028
138153	A467278	41	0.001	0.041
138154	A467279	30	<0.001	0.030
138155	A467280	11	<0.001	0.011
138156	A467281	3856	0.112	3.856
138157	A467282	426	0.012	0.426
138158	A467283	33	<0.001	0.033
138159	A467284	15	<0.001	0.015
138160	A467285	136	0.004	0.136
138161 Dup	A467285	152	0.004	0.152
138162	A467286	246	0.007	0.246
138163	A467287	822	0.024	0.822
138164	A467288	1571	0.046	1.571
138165	A467289	84	0.002	0.084
138166	A467290	170	0.005	0.170
138167	A467291	707	0.021	0.707
138168	A467292	194	0.006	0.194
138169	A467293	30	<0.001	0.030
138170	A467294	41	0.001	0.041

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Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138171	A467295	28	<0.001	0.028
138172	Dup A467295	24	<0.001	0.024
138173	A467296	151	0.004	0.151
138174	A467297	8	<0.001	0.008
138175	A467298	22	<0.001	0.022
138176	A467299	712	0.021	0.712
138177	A467300	<5	<0.001	<0.005
138178	A467301	39	0.001	0.039
138179	A467302	792	0.023	0.792
138180	A467303	114	0.003	0.114
138181	A467304	56	0.002	0.056
138182	A467305	215	0.006	0.215
138183	Dup A467305	212	0.006	0.212
138184	A467306	154	0.004	0.154
138185	A467307	115	0.003	0.115
138186	A467308	31	<0.001	0.031
138187	A467309	19	<0.001	0.019
138188	A467310	7	<0.001	0.007
138189	A467311	14	<0.001	0.014
138190	A467312	12	<0.001	0.012
138191	A467313	23	<0.001	0.023
138192	A467314	51	0.001	0.051
138193	A467315	41	0.001	0.041
138194	Rep A467315	37	0.001	0.037

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 Sample #: 292 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138195	A467316	20	<0.001	0.020
138196	A467317	16	<0.001	0.016
138197	A467318	9	<0.001	0.009
138198	A467319	16	<0.001	0.016
138199	A467320	44	0.001	0.044
138200	A467321	39	0.001	0.039
138201	A467322	177	0.005	0.177
138202	A467323	4746	0.138	4.746
138203	A467324	776	0.023	0.776
138204	A467325	914	0.027	0.914
138205 Dup	A467325	918	0.027	0.918
138206	A467326	120	0.003	0.120
138207	A467327	118	0.003	0.118
138208	A467328	34	<0.001	0.034
138209	A467329	39	0.001	0.039
138210	A467330	721	0.021	0.721
138211	A467331	173	0.005	0.173
138212	A467332	28	<0.001	0.028
138213	A467333	8	<0.001	0.008
138214	A467334	59	0.002	0.059
138215	A467335	17	<0.001	0.017
138216 Dup	A467335	13	<0.001	0.013
138217	A467336	13	<0.001	0.013
138218	A467337	13	<0.001	0.013

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Friday, September 11, 2009

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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 27, 2009
 Date Completed: Sep 11, 2009
 Job #: 200942002
 Reference: RL-09-202
 Sample #: 292 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138219	A467338	59	0.002	0.059
138220	A467339	17	<0.001	0.017
138221	A467340	9	<0.001	0.009
138222	A467341	11	<0.001	0.011
138223	A467342	34	<0.001	0.034
138224	A467343	19	<0.001	0.019
138225	A467344	9	<0.001	0.009
138226	A467345	59	0.002	0.059
138227 Dup	A467345	38	0.001	0.038
138228	A467346	11	<0.001	0.011
138229	A467347	29	<0.001	0.029
138230	A467348	10	<0.001	0.010
138231	A467349	668	0.019	0.668
138232	A467350	7	<0.001	0.007
138233	A467351	9	<0.001	0.009
138234	A467352	28	<0.001	0.028
138235	A467353	16	<0.001	0.016
138236	A467354	28	<0.001	0.028
138237	A467355	22	<0.001	0.022
138238 Dup	A467355	16	<0.001	0.016
138239	A467356	9	<0.001	0.009
138240	A467357	54	0.002	0.054
138241	A467358	11	<0.001	0.011
138242	A467359	18	<0.001	0.018

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 Email#: pchantigny@goldcorp.com

 Date Received: Aug 27, 2009
 Date Completed: Sep 11, 2009
 Job #: 200942002
 Reference: RL-09-202
 Sample #: 292 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
138243	A467360	10	<0.001	0.010
138244	A467361	41	0.001	0.041
138245	A467362	64	0.002	0.064
138246	A467363	19	<0.001	0.019
138247	A467364	11	<0.001	0.011
138248	A467365	54	0.002	0.054
138249 Dup	A467365	35	0.001	0.035
138250	A467366	34	<0.001	0.034
138251	A467367	19	<0.001	0.019

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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 Email#: pchantigny@goldcorp.com

 Date Received: Aug 31, 2009
 Date Completed: Sep 15, 2009
 Job #: 200942057
 Reference: RL-09-202
 Sample #: 20 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
140563	A467378	<5	<0.001	<0.005
140564	A467379	<5	<0.001	<0.005
140565	A467380	9	<0.001	0.009
140566	A467381	5	<0.001	0.005
140567	A467382	53	0.002	0.053
140568	A467383	64	0.002	0.064
140569	A467384	222	0.006	0.222
140570	A467385	329	0.010	0.329
140571	A467386	<5	<0.001	<0.005
140572	A467387	<5	<0.001	<0.005
140573 Dup	A467387	<5	<0.001	<0.005
140574	A467388	13	<0.001	0.013
140575	A467389	33	<0.001	0.033
140576	A467390	<5	<0.001	<0.005
140577	A467391	<5	<0.001	<0.005
140578	A467392	<5	<0.001	<0.005
140579	A467393	<5	<0.001	<0.005
140580	A467394	<5	<0.001	<0.005
140581	A467395	<5	<0.001	<0.005
140582	A467396	<5	<0.001	<0.005
140583	A467397	<5	<0.001	<0.005
140584 Dup	A467397	23	<0.001	0.023

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Email#: pchantigny@goldcorp.comDate Received: Aug 31, 2009
Date Completed: Sep 15, 2009
Job #: 200942057
Reference: RL-09-202
Sample #: 20 Core

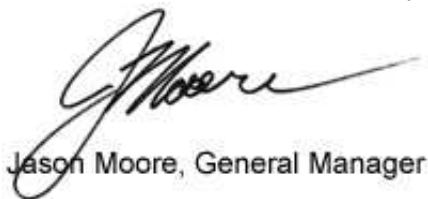
Acc #

Client ID

Au
ppbAu
oz/tAu
g/t (ppm)

PROCEDURE CODES: ALFA1

Certified By:


Jason Moore, General ManagerThe results included on this report relate only to the
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 Email#: pchantigny@goldcorp.com

 Date Received: Sep 4, 2009
 Date Completed: Sep 17, 2009
 Job #: 200942155
 Reference: RL-09-202
 Sample #: 10 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
147806	A467368	21	<0.001	0.021
147807	A467369	31	<0.001	0.031
147808	A467370	9	<0.001	0.009
147809	A467371	16	<0.001	0.016
147810	A467372	32	<0.001	0.032
147811	A467373	6	<0.001	0.006
147812	A467374	<5	<0.001	<0.005
147813	A467375	<5	<0.001	<0.005
147814	A467376	12	<0.001	0.012
147815	A467377	17	<0.001	0.017
147816 Dup	A467377	15	<0.001	0.015

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

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Wednesday, September 2, 2009

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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 20, 2009
 Date Completed: Sep 2, 2009
 Job #: 200941943
 Reference: RL-09-203
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134554	A461908	22	<0.001	0.022
134555	A461909	558	0.016	0.558
134556	A461910	57	0.002	0.057
134557	A461911	14	<0.001	0.014
134558	A461912	19	<0.001	0.019
134559	A461913	22	<0.001	0.022
134560	A461914	<5	<0.001	<0.005
134561	A461915	15	<0.001	0.015
134562	A461916	6	<0.001	0.006
134563	A461917	13	<0.001	0.013
134564 Dup	A461917	12	<0.001	0.012
134565	A461918	9	<0.001	0.009
134566	A461919	14	<0.001	0.014
134567	A461920	18	<0.001	0.018
134568	A461921	9	<0.001	0.009
134569	A461922	41	0.001	0.041
134570	A461923	13	<0.001	0.013
134571	A461924	24	<0.001	0.024
134572	A461925	254	0.007	0.254
134573	A461926	14	<0.001	0.014
134574	A461927	7	<0.001	0.007
134575 Dup	A461927	15	<0.001	0.015
134576	A461928	5	<0.001	0.005
134577	A461929	12	<0.001	0.012

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 Date Received: Aug 20, 2009
 Date Completed: Sep 2, 2009
 Job #: 200941943
 Reference: RL-09-203
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134578	A461930	20	<0.001	0.020
134579	A461931	125	0.004	0.125
134580	A461932	13	<0.001	0.013
134581	A461933	40	0.001	0.040
134582	A461934	15	<0.001	0.015
134583	A461935	17	<0.001	0.017
134584	A461936	37	0.001	0.037
134585	A461937	1080	0.032	1.080
134586 Dup	A461937	1022	0.030	1.022
134587	A461938	43	0.001	0.043
134588	A461939	51	0.001	0.051
134589	A461940	31	<0.001	0.031
134590	A461941	25	<0.001	0.025
134591	A461942	10	<0.001	0.010
134592	A461943	18	<0.001	0.018
134593	A461944	32	<0.001	0.032
134594	A461945	171	0.005	0.171
134595	A461946	28	<0.001	0.028
134596	A461947	20	<0.001	0.020
134597 Dup	A461947	22	<0.001	0.022
134598	A461948	22	<0.001	0.022
134599	A461949	697	0.020	0.697
134600	A461950	<5	<0.001	<0.005
134601	A466501	11	<0.001	0.011

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 Date Completed: Sep 2, 2009
 Job #: 200941943
 Reference: RL-09-203
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134602	A466502	15	<0.001	0.015
134603	A466503	7	<0.001	0.007
134604	A466504	6	<0.001	0.006
134605	A466505	30	<0.001	0.030
134606	A466506	108	0.003	0.108
134607	A466507	10	<0.001	0.010
134608	Dup A466507	10	<0.001	0.010
134609	A466508	8	<0.001	0.008
134610	A466509	16	<0.001	0.016
134611	A466510	13	<0.001	0.013
134612	A466511	29	<0.001	0.029
134613	A466512	196	0.006	0.196
134614	A466513	401	0.012	0.401
134615	A466514	10	<0.001	0.010
134616	A466515	21	<0.001	0.021
134617	A466516	<5	<0.001	<0.005
134618	A466517	49	0.001	0.049
134619	Rep A466517	7	<0.001	0.007
134620	A466518	33	<0.001	0.033
134621	A466519	14	<0.001	0.014
134622	A466520	20	<0.001	0.020
134623	A466521	24	<0.001	0.024
134624	A466522	14	<0.001	0.014
134625	A466523	48	0.001	0.048

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 Email#: pchantigny@goldcorp.com

 Date Received: Aug 20, 2009
 Date Completed: Sep 2, 2009
 Job #: 200941943
 Reference: RL-09-203
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134626	A466524	176	0.005	0.176
134627	A466525	53	0.002	0.053
134628	A466526	54	0.002	0.054
134629	A466527	89	0.003	0.089
134630 Dup	A466527	68	0.002	0.068
134631	A466528	54	0.002	0.054
134632	A466529	14	<0.001	0.014
134633	A466530	19	<0.001	0.019
134634	A466531	26	<0.001	0.026
134635	A466532	102	0.003	0.102
134636	A466533	15	<0.001	0.015
134637	A466534	23	<0.001	0.023
134638	A466535	18	<0.001	0.018
134639	A466536	25	<0.001	0.025
134640	A466537	17	<0.001	0.017
134641 Dup	A466537	16	<0.001	0.016
134642	A466538	16	<0.001	0.016
134643	A466539	5	<0.001	0.005
134644	A466540	16	<0.001	0.016
134645	A466541	15	<0.001	0.015
134646	A466542	60	0.002	0.060
134647	A466543	79	0.002	0.079
134648	A466544	534	0.016	0.534
134649	A466545	39	0.001	0.039

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 Date Received: Aug 20, 2009
 Date Completed: Sep 2, 2009
 Job #: 200941943
 Reference: RL-09-203
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134650	A466546	25	<0.001	0.025
134651	A466547	14	<0.001	0.014
134652 Dup	A466547	16	<0.001	0.016
134653	A466548	49	0.001	0.049
134654	A466549	3473	0.101	3.473
134655	A466550	<5	<0.001	<0.005
134656	A466551	33	<0.001	0.033
134657	A466552	407	0.012	0.407
134658	A466553	38	0.001	0.038
134659	A466554	18	<0.001	0.018
134660	A466555	22	<0.001	0.022
134661	A466556	26	<0.001	0.026
134662	A466557	99	0.003	0.099
134663 Dup	A466557	76	0.002	0.076
134664	A466558	12	<0.001	0.012
134665	A466559	7	<0.001	0.007
134666	A466560	<5	<0.001	<0.005
134667	A466561	35	0.001	0.035
134668	A466562	89	0.003	0.089
134669	A466563	12	<0.001	0.012
134670	A466564	19	<0.001	0.019
134671	A466565	33	<0.001	0.033
134672	A466566	26	<0.001	0.026
134673	A466567	33	<0.001	0.033

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 Date Completed: Sep 2, 2009
 Job #: 200941943
 Reference: RL-09-203
 Sample #: 117 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
134674 Dup	A466567	40	0.001	0.040
134675	A466568	27	<0.001	0.027
134676	A466569	6	<0.001	0.006
134677	A466570	22	<0.001	0.022
134678	A466571	11	<0.001	0.011
134679	A466572	16	<0.001	0.016
134680	A466573	7	<0.001	0.007
134681	A466574	9	<0.001	0.009

PROCEDURE CODES: ALFA1


Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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 Date Received: Aug 24, 2009
 Date Completed: Sep 4, 2009
 Job #: 200941966
 Reference: RL-09-203
 Sample #: 116 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
135941	A466575	6	<0.001	0.006
135942	A466576	34	<0.001	0.034
135943	A466577	31	<0.001	0.031
135944	A466578	1277	0.037	1.277
135945	A466579	1572	0.046	1.572
135946	A466580	288	0.008	0.288
135947	A466581	42	0.001	0.042
135948	A466582	28	<0.001	0.028
135949	A466583	61	0.002	0.061
135950	A466584	46	0.001	0.046
135951 Dup	A466584	27	<0.001	0.027
135952	A466585	166	0.005	0.166
135953	A466586	36	0.001	0.036
135954	A466587	31	<0.001	0.031
135955	A466588	62	0.002	0.062
135956	A466589	15	<0.001	0.015
135957	A466590	44	0.001	0.044
135958	A466591	12	<0.001	0.012
135959	A466592	10	<0.001	0.010
135960	A466593	6	<0.001	0.006
135961	A466594	8	<0.001	0.008
135962 Dup	A466594	11	<0.001	0.011
135963	A466595	41	0.001	0.041
135964	A466596	18	<0.001	0.018

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 Email#: pchantigny@goldcorp.com

 Date Received: Aug 24, 2009
 Date Completed: Sep 4, 2009
 Job #: 200941966
 Reference: RL-09-203
 Sample #: 116 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
135965	A466597	6	<0.001	0.006
135966	A466598	5	<0.001	0.005
135967	A466599	689	0.020	0.689
135968	A466600	7	<0.001	0.007
135969	A466601	23	<0.001	0.023
135970	A466602	62	0.002	0.062
135971	A466603	18	<0.001	0.018
135972	A466604	15	<0.001	0.015
135973 Dup	A466604	17	<0.001	0.017
135974	A466605	18	<0.001	0.018
135975	A466606	5	<0.001	0.005
135976	A466607	24	<0.001	0.024
135977	A466608	21	<0.001	0.021
135978	A466609	<5	<0.001	<0.005
135979	A466610	<5	<0.001	<0.005
135980	A466611	9	<0.001	0.009
135981	A466612	6	<0.001	0.006
135982	A466613	22	<0.001	0.022
135983	A466614	11	<0.001	0.011
135984 Dup	A466614	72	0.002	0.072
135985	A466615	28	<0.001	0.028
135986	A466616	8	<0.001	0.008
135987	A466617	<5	<0.001	<0.005
135988	A466618	12	<0.001	0.012

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 Email#: pchantigny@goldcorp.com

 Date Received: Aug 24, 2009
 Date Completed: Sep 4, 2009
 Job #: 200941966
 Reference: RL-09-203
 Sample #: 116 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
135989	A466619	7	<0.001	0.007
135990	A466620	16	<0.001	0.016
135991	A466621	17	<0.001	0.017
135992	A466622	23	<0.001	0.023
135993	A466623	29	<0.001	0.029
135994	A466624	59	0.002	0.059
135995 Dup	A466624	75	0.002	0.075
135996	A466625	57	0.002	0.057
135997	A466626	44	0.001	0.044
135998	A466627	16	<0.001	0.016
135999	A466628	110	0.003	0.110
136000	A466629	124	0.004	0.124
136001	A466630	103	0.003	0.103
136002	A466631	154	0.004	0.154
136003	A466632	18	<0.001	0.018
136004	A466633	31	<0.001	0.031
136005	A466634	70	0.002	0.070
136006 Rep	A466634	68	0.002	0.068
136007	A466635	49	0.001	0.049
136008	A466636	16	<0.001	0.016
136009	A466637	27	<0.001	0.027
136010	A466638	25	<0.001	0.025
136011	A466639	42	0.001	0.042
136012	A466640	105	0.003	0.105

Certificate of Analysis

Friday, September 4, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 24, 2009
 Date Completed: Sep 4, 2009
 Job #: 200941966
 Reference: RL-09-203
 Sample #: 116 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
136013	A466641	40	0.001	0.040
136014	A466642	26	<0.001	0.026
136015	A466643	11	<0.001	0.011
136016	A466644	13	<0.001	0.013
136017 Dup	A466644	12	<0.001	0.012
136018	A466645	63	0.002	0.063
136019	A466646	26	<0.001	0.026
136020	A466647	14	<0.001	0.014
136021	A466648	17	<0.001	0.017
136022	A466649	724	0.021	0.724
136023	A466650	12	<0.001	0.012
136024	A466651	12	<0.001	0.012
136025	A466652	17	<0.001	0.017
136026	A466653	50	0.001	0.050
136027	A466654	31	<0.001	0.031
136028 Dup	A466654	29	<0.001	0.029
136029	A466655	5	<0.001	0.005
136030	A466656	20	<0.001	0.020
136031	A466657	12	<0.001	0.012
136032	A466658	<5	<0.001	<0.005
136033	A466659	<5	<0.001	<0.005
136034	A466660	6	<0.001	0.006
136035	A466661	44	0.001	0.044
136036	A466662	13	<0.001	0.013

Certificate of Analysis

Friday, September 4, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
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 Email#: pchantigny@goldcorp.com

 Date Received: Aug 24, 2009
 Date Completed: Sep 4, 2009
 Job #: 200941966
 Reference: RL-09-203
 Sample #: 116 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
136037	A466663	9	<0.001	0.009
136038	A466664	51	0.002	0.051
136039 Dup	A466664	39	0.001	0.039
136040	A466665	430	0.013	0.430
136041	A466666	14	<0.001	0.014
136042	A466667	80	0.002	0.080
136043	A466668	71	0.002	0.071
136044	A466669	9	<0.001	0.009
136045	A466670	18	<0.001	0.018
136046	A466671	7	<0.001	0.007
136047	A466672	536	0.016	0.536
136048	A466673	217	0.006	0.217
136049	A466674	13	<0.001	0.013
136050 Dup	A466674	22	<0.001	0.022
136051	A466675	150	0.004	0.150
136052	A466676	40	0.001	0.040
136053	A466677	75	0.002	0.075
136054	A466678	93	0.003	0.093
136055	A466679	17	<0.001	0.017
136056	A466680	15	<0.001	0.015
136057	A466681	8	<0.001	0.008
136058	A466682	46	0.001	0.046
136059	A466683	9	<0.001	0.009
136060	A466684	24	<0.001	0.024

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Friday, September 4, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Aug 24, 2009
 Date Completed: Sep 4, 2009
 Job #: 200941966
 Reference: RL-09-203
 Sample #: 116 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
136061 Dup	A466684	38	0.001	0.038
136062	A466685	26	<0.001	0.026
136063	A466686	17	<0.001	0.017
136064	A466687	15	<0.001	0.015
136065	A466688	4264	0.124	4.264
136066	A466689	10	<0.001	0.010
136070	A466693	20	<0.001	0.020

PROCEDURE CODES: ALFA1

Certified By:



Derek Demianiuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested

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AL903-0273-09/04/2009 12:19 PM

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Thursday, September 17, 2009

 GoldCorp Inc. (RL_Reg_Exp)
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 Balmertown, ON, CAN
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 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Sep 3, 2009
 Date Completed: Sep 17, 2009
 Job #: 200942122
 Reference: RL-09-203
 Sample #: 87 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
145789	A466694	23	<0.001	0.023
145790	A466695	822	0.024	0.822
145791	A466696	82	0.002	0.082
145792	A466697	26	<0.001	0.026
145793	A466698	170	0.005	0.170
145794	A466699	690	0.020	0.690
145795	A466700	<5	<0.001	<0.005
145796	A466701	<5	<0.001	<0.005
145797	A466702	<5	<0.001	<0.005
145798	A466703	<5	<0.001	<0.005
145799 Dup	A466703	12	<0.001	0.012
145800	A466704	10	<0.001	0.010
145801	A466705	77	0.002	0.077
145802	A466706	514	0.015	0.514
145803	A466707	56	0.002	0.056
145804	A466708	55	0.002	0.055
145805	A466709	12	<0.001	0.012
145806	A466710	63	0.002	0.063
145807	A466711	20	<0.001	0.020
145808	A466712	7	<0.001	0.007
145809	A466713	<5	<0.001	<0.005
145810 Rep	A466713	5	<0.001	0.005
145811	A466714	<5	<0.001	<0.005
145812	A466715	<5	<0.001	<0.005

Certificate of Analysis

Thursday, September 17, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Sep 3, 2009
 Date Completed: Sep 17, 2009
 Job #: 200942122
 Reference: RL-09-203
 Sample #: 87 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
145813	A466716	539	0.016	0.539
145814	A466717	47	0.001	0.047
145815	A466718	98	0.003	0.098
145816	A466719	149	0.004	0.149
145817	A466720	80	0.002	0.080
145818	A466721	24	<0.001	0.024
145819	A466722	385	0.011	0.385
145820	A466723	31	<0.001	0.031
145821 Dup	A466723	30	<0.001	0.030
145822	A466724	13	<0.001	0.013
145823	A466725	219	0.006	0.219
145824	A466726	263	0.008	0.263
145825	A466727	28	<0.001	0.028
145826	A466728	9	<0.001	0.009
145827	A466729	25	<0.001	0.025
145828	A466730	64	0.002	0.064
145829	A466731	13	<0.001	0.013
145830	A466732	10	<0.001	0.010
145831	A466733	9	<0.001	0.009
145832 Dup	A466733	22	<0.001	0.022
145833	A466734	22	<0.001	0.022
145834	A466735	382	0.011	0.382
145835	A466736	13	<0.001	0.013
145836	A466737	30	<0.001	0.030

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Thursday, September 17, 2009

 GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

 Date Received: Sep 3, 2009
 Date Completed: Sep 17, 2009
 Job #: 200942122
 Reference: RL-09-203
 Sample #: 87 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
145837	A466738	29	<0.001	0.029
145838	A466739	20	<0.001	0.020
145839	A466740	20	<0.001	0.020
145840	A466741	27	<0.001	0.027
145841	A466742	75	0.002	0.075
145842	A466743	1792	0.052	1.792
145843 Dup	A466743	1798	0.052	1.798
145844	A466744	38	0.001	0.038
145845	A466745	291	0.008	0.291
145846	A466746	50	0.001	0.050
145847	A466747	28	<0.001	0.028
145848	A466748	18	<0.001	0.018
145849	A466749	726	0.021	0.726
145850	A466750	9	<0.001	0.009
145851	A466751	47	0.001	0.047
145852	A466752	37	0.001	0.037
145853	A466753	44	0.001	0.044
145854 Dup	A466753	53	0.002	0.053
145855	A466754	606	0.018	0.606
145856	A466755	55	0.002	0.055
145857	A466756	102	0.003	0.102
145858	A466757	185	0.005	0.185
145859	A466758	60	0.002	0.060
145860	A466759	49	0.001	0.049

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Thursday, September 17, 2009

 GoldCorp Inc. (RL_Reg_Exp)
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 Balmertown, ON, CAN
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 Ph#: (807) 735-2077
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 Email#: pchantigny@goldcorp.com

 Date Received: Sep 3, 2009
 Date Completed: Sep 17, 2009
 Job #: 200942122
 Reference: RL-09-203
 Sample #: 87 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
145861	A466760	12	<0.001	0.012
145862	A466761	8	<0.001	0.008
145863	A466762	29	<0.001	0.029
145864	A466763	11	<0.001	0.011
145865 Dup	A466763	13	<0.001	0.013
145866	A466764	70	0.002	0.070
145867	A466765	77	0.002	0.077
145868	A466766	16	<0.001	0.016
145869	A466767	99	0.003	0.099
145870	A466768	70	0.002	0.070
145871	A466769	201	0.006	0.201
145872	A466770	69	0.002	0.069
145873	A466771	28	<0.001	0.028
145874	A466772	21	<0.001	0.021
145875	A466773	114	0.003	0.114
145876 Dup	A466773	116	0.003	0.116
145877	A466774	12	<0.001	0.012
145878	A466775	34	<0.001	0.034
145879	A466776	36	0.001	0.036
145880	A466777	19	<0.001	0.019
145881	A466778	16	<0.001	0.016
145882	A466779	9	<0.001	0.009
145883	A466780	14	<0.001	0.014

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Thursday, September 17, 2009

GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

Date Received: Sep 3, 2009
 Date Completed: Sep 17, 2009
 Job #: 200942122
 Reference: RL-09-203
 Sample #: 87 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
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PROCEDURE CODES: ALFA1



Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:

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AL903-0273-09/17/2009 9:35 AM

Certificate of Analysis

Tuesday, September 15, 2009

GoldCorp Inc. (RL_Reg_Exp)
 17 Mine Rd., Bag 2000
 Balmertown, ON, CAN
 P0V1G0
 Ph#: (807) 735-2077
 Fax#: (807) 662-4512
 Email#: pchantigny@goldcorp.com

Date Received: Sep 4, 2009
 Date Completed: Sep 15, 2009
 Job #: 200942154
 Reference: RL-09-203
 Sample #: 3 Core

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
147802	A466690	<5	<0.001	<0.005
147803	A466691	21	<0.001	0.021
147804	A466692	38	0.001	0.038
147805 Dup	A466692	38	0.001	0.038

PROCEDURE CODES: ALFA1

Certified By:

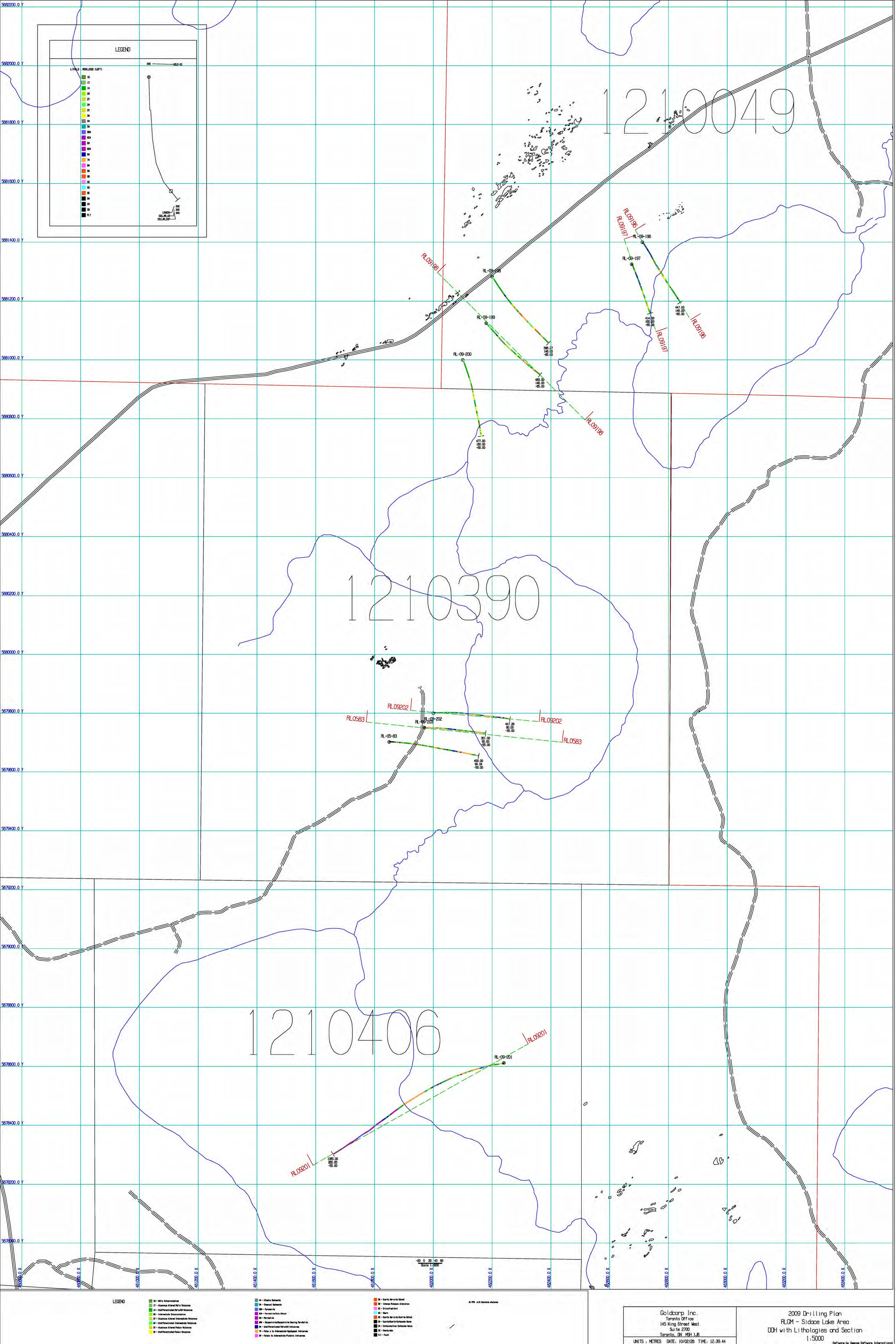


Jason Moore, General Manager

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AL903-0273-09/15/2009 9:21 AM

Appendix III, Diamond Drill Sections and Location Plans



LEGEND

LINE & POLYLINE (LEFT) | LINE & POLYLINE (RIGHT)

[Green]	R1
[Light Green]	R2
[Yellow-Green]	R3
[Yellow]	R4
[Light Yellow]	R5
[Orange]	R6
[Red-Orange]	R7
[Red]	R8
[Dark Red]	R9
[Purple-Red]	R10
[Purple]	R11
[Dark Purple]	R12
[Black]	R13
[Grey]	R14
[White]	R15

Scale: 0 100 200 METRES

1210049

1210390

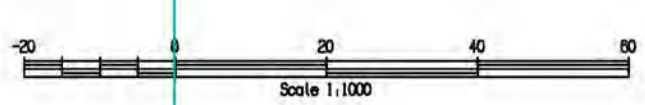
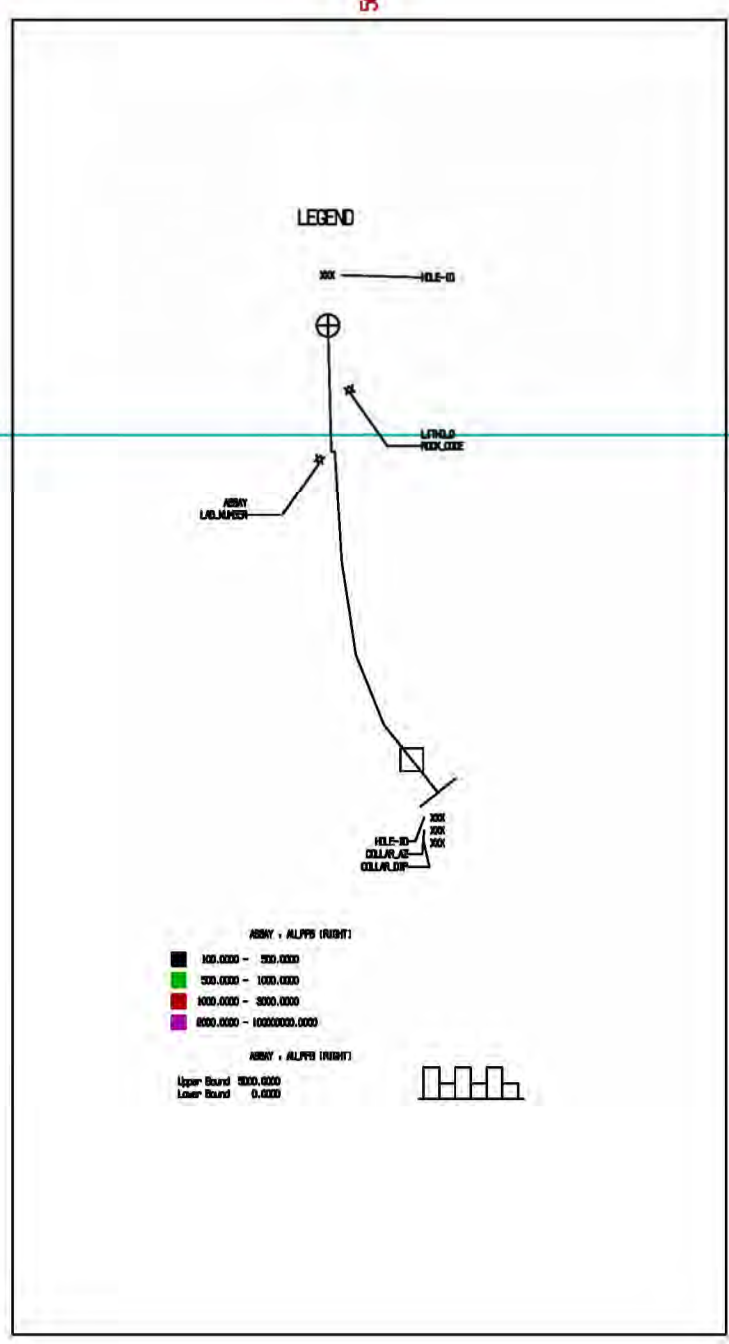
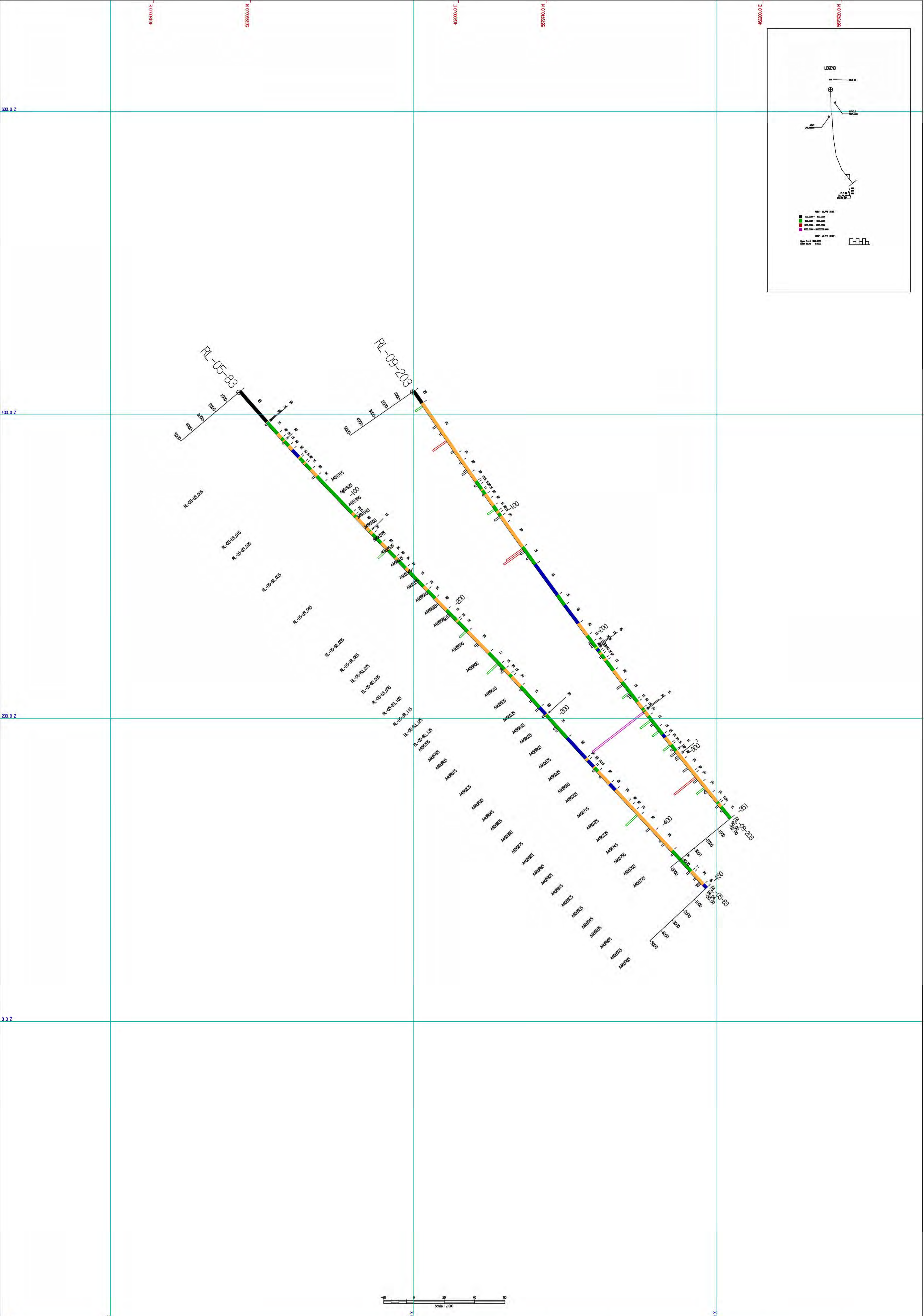
1210406

LEGEND

[Green]	W - Water
[Light Green]	W1 - Water
[Yellow-Green]	W2 - Water
[Yellow]	W3 - Water
[Light Yellow]	W4 - Water
[Orange]	W5 - Water
[Red-Orange]	W6 - Water
[Red]	W7 - Water
[Dark Red]	W8 - Water
[Purple-Red]	W9 - Water
[Purple]	W10 - Water
[Dark Purple]	W11 - Water
[Black]	W12 - Water
[Grey]	W13 - Water
[White]	W14 - Water
[Green]	W15 - Water
[Light Green]	W16 - Water
[Yellow-Green]	W17 - Water
[Yellow]	W18 - Water
[Light Yellow]	W19 - Water
[Orange]	W20 - Water
[Red-Orange]	W21 - Water
[Red]	W22 - Water
[Dark Red]	W23 - Water
[Purple-Red]	W24 - Water
[Purple]	W25 - Water
[Dark Purple]	W26 - Water
[Black]	W27 - Water
[Grey]	W28 - Water
[White]	W29 - Water
[Green]	W30 - Water
[Light Green]	W31 - Water
[Yellow-Green]	W32 - Water
[Yellow]	W33 - Water
[Light Yellow]	W34 - Water
[Orange]	W35 - Water
[Red-Orange]	W36 - Water
[Red]	W37 - Water
[Dark Red]	W38 - Water
[Purple-Red]	W39 - Water
[Purple]	W40 - Water
[Dark Purple]	W41 - Water
[Black]	W42 - Water
[Grey]	W43 - Water
[White]	W44 - Water
[Green]	W45 - Water
[Light Green]	W46 - Water
[Yellow-Green]	W47 - Water
[Yellow]	W48 - Water
[Light Yellow]	W49 - Water
[Orange]	W50 - Water
[Red-Orange]	W51 - Water
[Red]	W52 - Water
[Dark Red]	W53 - Water
[Purple-Red]	W54 - Water
[Purple]	W55 - Water
[Dark Purple]	W56 - Water
[Black]	W57 - Water
[Grey]	W58 - Water
[White]	W59 - Water
[Green]	W60 - Water
[Light Green]	W61 - Water
[Yellow-Green]	W62 - Water
[Yellow]	W63 - Water
[Light Yellow]	W64 - Water
[Orange]	W65 - Water
[Red-Orange]	W66 - Water
[Red]	W67 - Water
[Dark Red]	W68 - Water
[Purple-Red]	W69 - Water
[Purple]	W70 - Water
[Dark Purple]	W71 - Water
[Black]	W72 - Water
[Grey]	W73 - Water
[White]	W74 - Water
[Green]	W75 - Water
[Light Green]	W76 - Water
[Yellow-Green]	W77 - Water
[Yellow]	W78 - Water
[Light Yellow]	W79 - Water
[Orange]	W80 - Water
[Red-Orange]	W81 - Water
[Red]	W82 - Water
[Dark Red]	W83 - Water
[Purple-Red]	W84 - Water
[Purple]	W85 - Water
[Dark Purple]	W86 - Water
[Black]	W87 - Water
[Grey]	W88 - Water
[White]	W89 - Water
[Green]	W90 - Water
[Light Green]	W91 - Water
[Yellow-Green]	W92 - Water
[Yellow]	W93 - Water
[Light Yellow]	W94 - Water
[Orange]	W95 - Water
[Red-Orange]	W96 - Water
[Red]	W97 - Water
[Dark Red]	W98 - Water
[Purple-Red]	W99 - Water
[Purple]	W100 - Water
[Dark Purple]	W101 - Water
[Black]	W102 - Water
[Grey]	W103 - Water
[White]	W104 - Water
[Green]	W105 - Water
[Light Green]	W106 - Water
[Yellow-Green]	W107 - Water
[Yellow]	W108 - Water
[Light Yellow]	W109 - Water
[Orange]	W110 - Water
[Red-Orange]	W111 - Water
[Red]	W112 - Water
[Dark Red]	W113 - Water
[Purple-Red]	W114 - Water
[Purple]	W115 - Water
[Dark Purple]	W116 - Water
[Black]	W117 - Water
[Grey]	W118 - Water
[White]	W119 - Water
[Green]	W120 - Water
[Light Green]	W121 - Water
[Yellow-Green]	W122 - Water
[Yellow]	W123 - Water
[Light Yellow]	W124 - Water
[Orange]	W125 - Water
[Red-Orange]	W126 - Water
[Red]	W127 - Water
[Dark Red]	W128 - Water
[Purple-Red]	W129 - Water
[Purple]	W130 - Water
[Dark Purple]	W131 - Water
[Black]	W132 - Water
[Grey]	W133 - Water
[White]	W134 - Water
[Green]	W135 - Water
[Light Green]	W136 - Water
[Yellow-Green]	W137 - Water
[Yellow]	W138 - Water
[Light Yellow]	W139 - Water
[Orange]	W140 - Water
[Red-Orange]	W141 - Water
[Red]	W142 - Water
[Dark Red]	W143 - Water
[Purple-Red]	W144 - Water
[Purple]	W145 - Water
[Dark Purple]	W146 - Water
[Black]	W147 - Water
[Grey]	W148 - Water
[White]	W149 - Water
[Green]	W150 - Water
[Light Green]	W151 - Water
[Yellow-Green]	W152 - Water
[Yellow]	W153 - Water
[Light Yellow]	W154 - Water
[Orange]	W155 - Water
[Red-Orange]	W156 - Water
[Red]	W157 - Water
[Dark Red]	W158 - Water
[Purple-Red]	W159 - Water
[Purple]	W160 - Water
[Dark Purple]	W161 - Water
[Black]	W162 - Water
[Grey]	W163 - Water
[White]	W164 - Water
[Green]	W165 - Water
[Light Green]	W166 - Water
[Yellow-Green]	W167 - Water
[Yellow]	W168 - Water
[Light Yellow]	W169 - Water
[Orange]	W170 - Water
[Red-Orange]	W171 - Water
[Red]	W172 - Water
[Dark Red]	W173 - Water
[Purple-Red]	W174 - Water
[Purple]	W175 - Water
[Dark Purple]	W176 - Water
[Black]	W177 - Water
[Grey]	W178 - Water
[White]	W179 - Water
[Green]	W180 - Water
[Light Green]	W181 - Water
[Yellow-Green]	W182 - Water
[Yellow]	W183 - Water
[Light Yellow]	W184 - Water
[Orange]	W185 - Water
[Red-Orange]	W186 - Water
[Red]	W187 - Water
[Dark Red]	W188 - Water
[Purple-Red]	W189 - Water
[Purple]	W190 - Water
[Dark Purple]	W191 - Water
[Black]	W192 - Water
[Grey]	W193 - Water
[White]	W194 - Water
[Green]	W195 - Water
[Light Green]	W196 - Water
[Yellow-Green]	W197 - Water
[Yellow]	W198 - Water
[Light Yellow]	W199 - Water
[Orange]	W200 - Water

Goldcorp Inc.
Toronto Office
45 King Street West
Suite 2700
Toronto, ON M5H 1J8
UNITS - METRES DATE: 10/02/06 TIME: 12:39:44

2009 Drilling Plan
RLGM - Sidace Lake Area
DOH with Lithologies and Section
1:5000

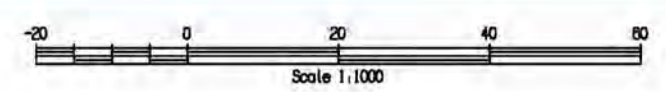
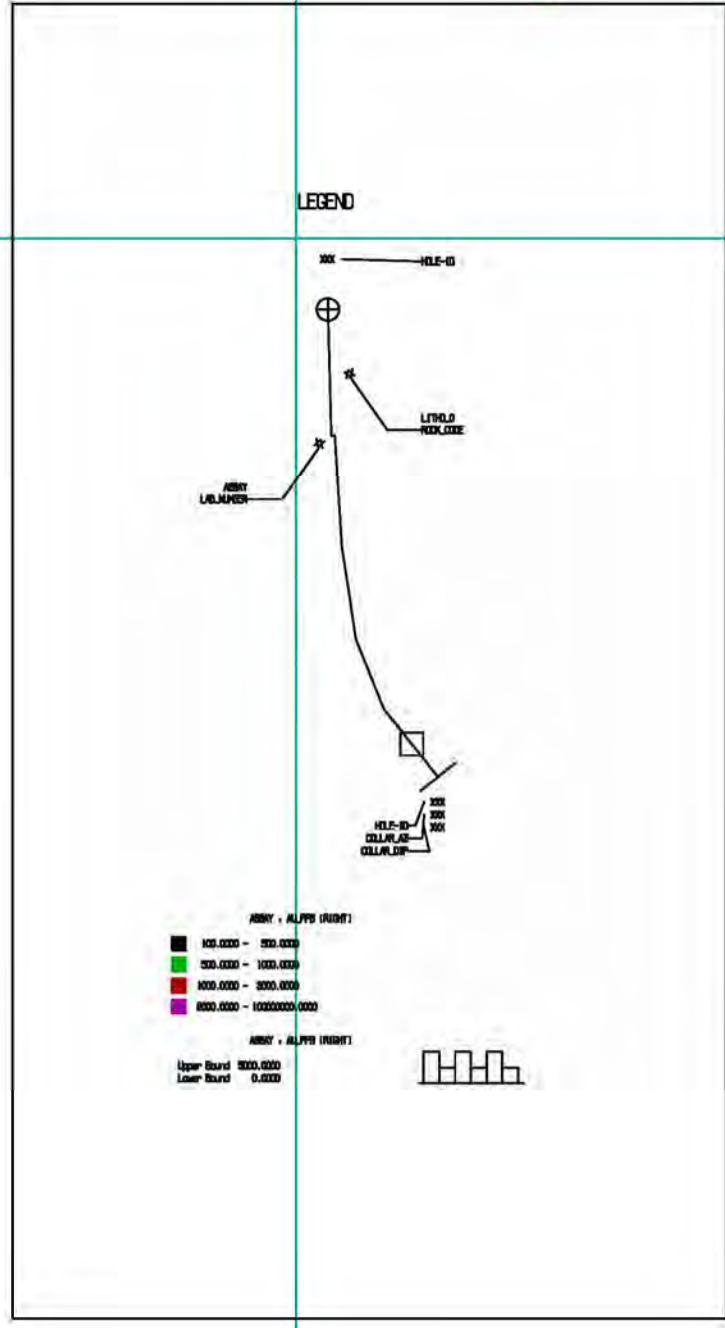
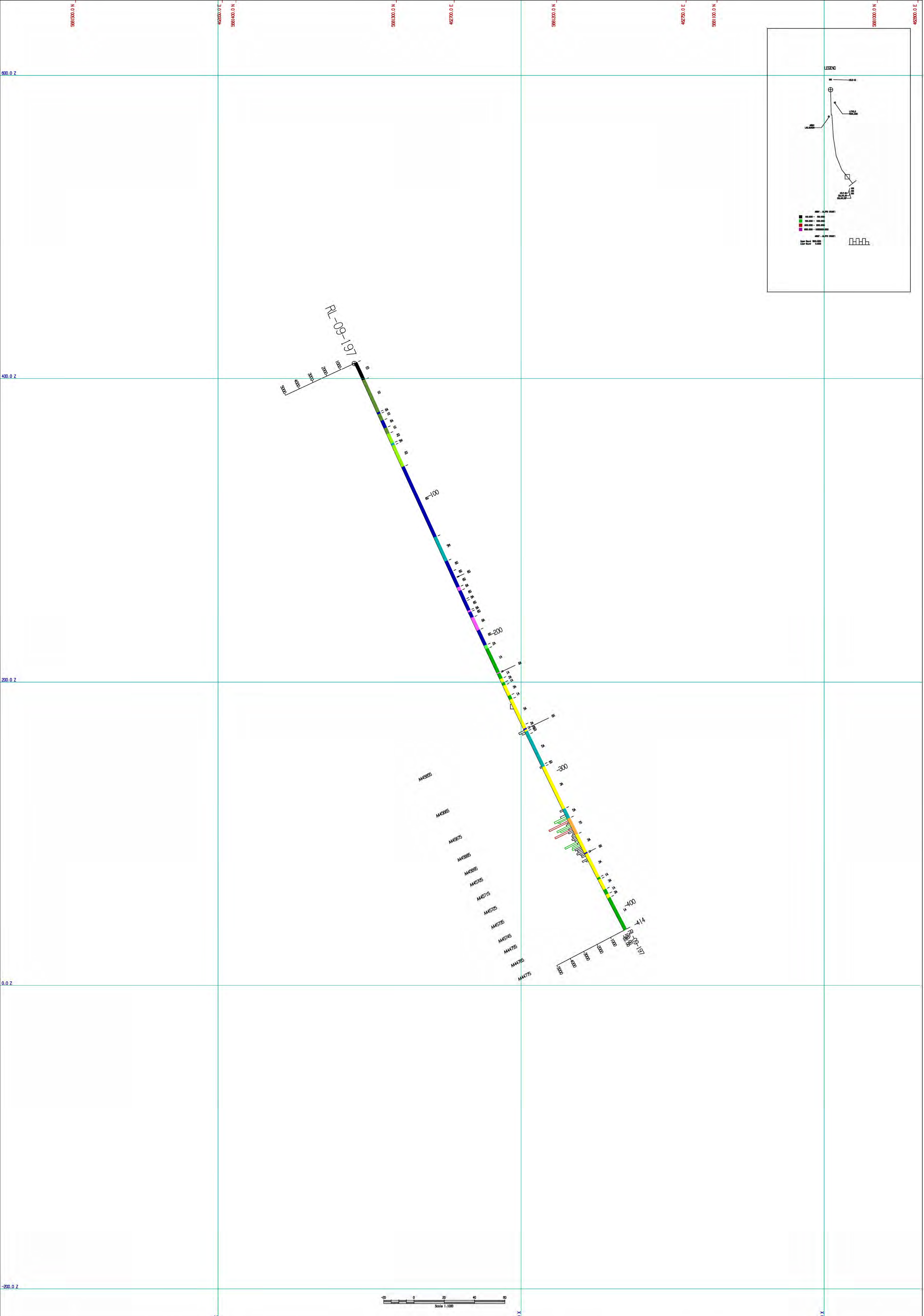


LEGEND

1. Dark Silts	2. Sandstone	3. Silty Sandstone	4. Silty Clay	5. Silty Sandstone	6. Sandstone	7. Silty Sandstone	8. Sandstone	9. Silty Sandstone	10. Sandstone	11. Silty Sandstone	12. Sandstone	13. Silty Sandstone	14. Sandstone	15. Silty Sandstone	16. Sandstone	17. Silty Sandstone	18. Sandstone	19. Silty Sandstone	20. Sandstone	21. Silty Sandstone	22. Sandstone	23. Silty Sandstone	24. Sandstone	25. Silty Sandstone	26. Sandstone	27. Silty Sandstone	28. Sandstone	29. Silty Sandstone	30. Sandstone	31. Silty Sandstone	32. Sandstone	33. Silty Sandstone	34. Sandstone	35. Silty Sandstone	36. Sandstone	37. Silty Sandstone	38. Sandstone	39. Silty Sandstone	40. Sandstone	41. Silty Sandstone	42. Sandstone	43. Silty Sandstone	44. Sandstone	45. Silty Sandstone	46. Sandstone	47. Silty Sandstone	48. Sandstone	49. Silty Sandstone	50. Sandstone
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Goldcorp Inc.
 Toronto Office
 45 King Street West
 Suite 2700
 Toronto, ON M5H 1J8
 UNITS - METRES DATE: 10/02/06 TIME: 10:55:23

V-Sept, DDH RL-05-83, RL-09-203
 RLGW - Sidace Lake Area
 Lithology, Au ppb (100m envelope)
 1:1000
 Set here by Geotech Systems International



LEGEND

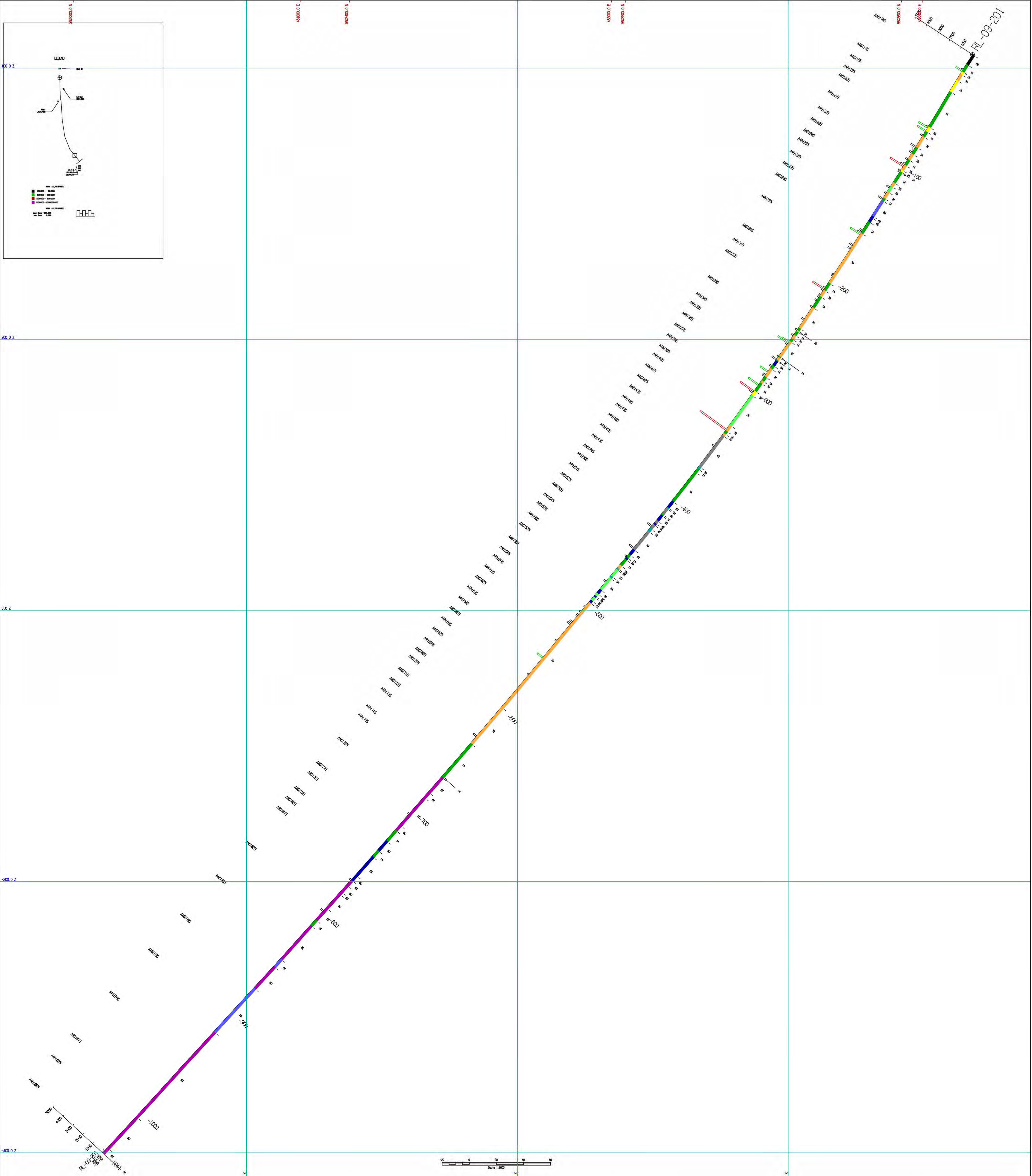
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- T - Tuffaceous Metasediments
- S - Sandstone
- SL - Sandstone with Limestone Interbeds
- L - Limestone
- PL - Limestone with Phylloporoid Interbeds
- P - Phylloporoid Metasediments
- PS - Phylloporoid Sandstone
- PT - Phylloporoid Tuffaceous Sandstone

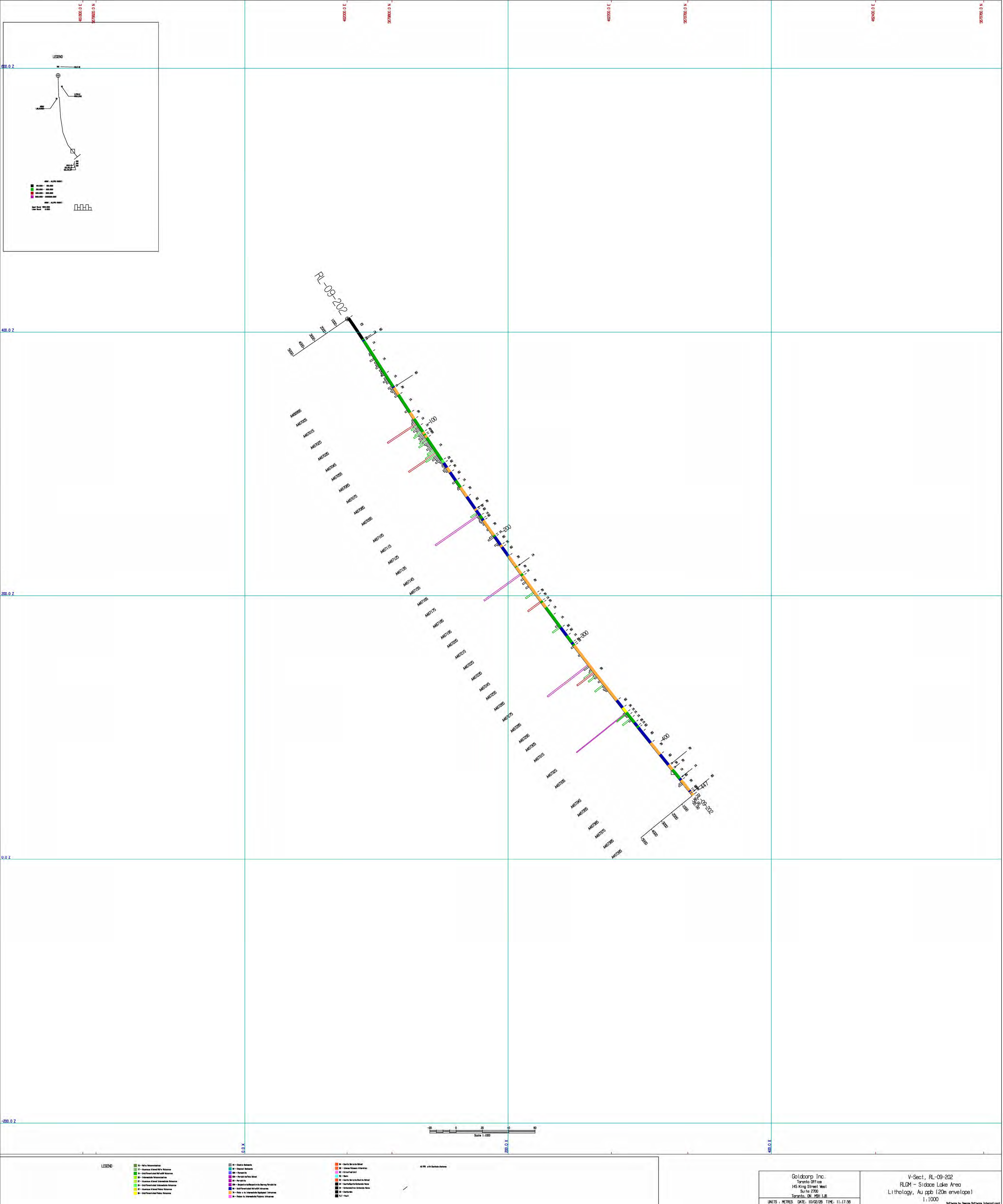
- M - Matrix Sandstone
- D - Dolomite Sandstone
- S - Sandstone
- SL - Sandstone with Limestone Interbeds
- L - Limestone
- PL - Limestone with Phylloporoid Interbeds
- P - Phylloporoid Metasediments
- PS - Phylloporoid Sandstone
- PT - Phylloporoid Tuffaceous Sandstone

- S - Sandstone
- SL - Sandstone with Limestone Interbeds
- L - Limestone
- PL - Limestone with Phylloporoid Interbeds
- P - Phylloporoid Metasediments
- PS - Phylloporoid Sandstone
- PT - Phylloporoid Tuffaceous Sandstone

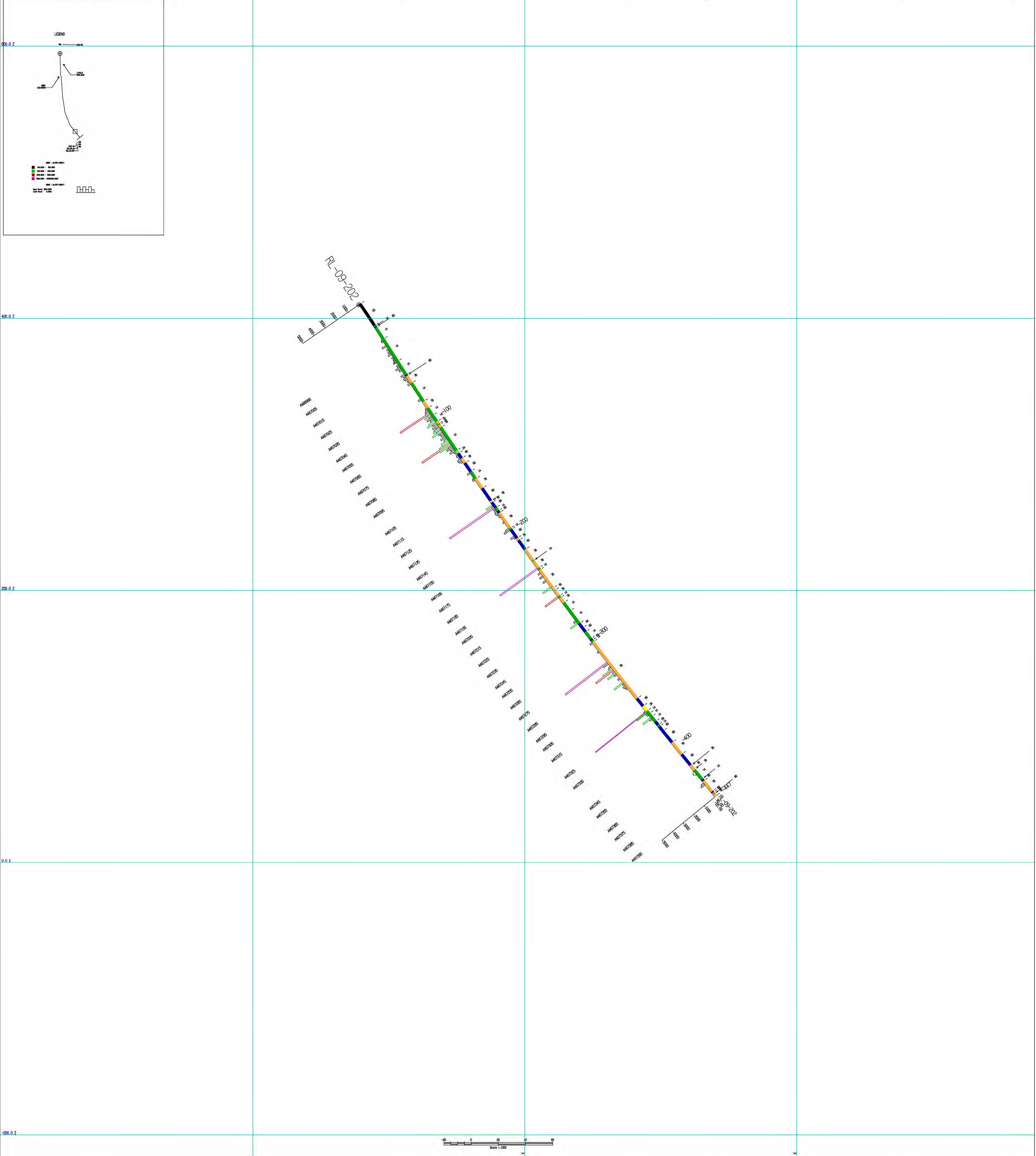
Goldcorp Inc.
 Toronto Office
 45 King Street West
 Suite 2700
 Toronto, ON M5H 1J8
 UNITS - METRES DATE: 10/02/06 TIME: 10:58:56

V-Sect, DDH RL-09-197
 RLM - Sidace Lake Area
 Lithology, Au ppb (20m envelope)
 1:1000
 Drawn by: Bruce Sedberry





40000.0 E 40000.0 E 40000.0 E 40000.0 E 40000.0 E 40000.0 E 40000.0 E



<p>LEGEND</p> <ul style="list-style-type: none"> M1 - Mudstone M2 - Sandstone M3 - Siltstone M4 - Shale M5 - Limestone M6 - Gypsum M7 - Salt M8 - Claystone M9 - Siltstone M10 - Sandstone M11 - Mudstone M12 - Shale M13 - Limestone M14 - Gypsum M15 - Salt M16 - Claystone M17 - Siltstone M18 - Sandstone M19 - Mudstone M20 - Shale M21 - Limestone M22 - Gypsum M23 - Salt M24 - Claystone M25 - Siltstone M26 - Sandstone M27 - Mudstone M28 - Shale M29 - Limestone M30 - Gypsum M31 - Salt M32 - Claystone M33 - Siltstone M34 - Sandstone M35 - Mudstone M36 - Shale M37 - Limestone M38 - Gypsum M39 - Salt M40 - Claystone M41 - Siltstone M42 - Sandstone M43 - Mudstone M44 - Shale M45 - Limestone M46 - Gypsum M47 - Salt M48 - Claystone M49 - Siltstone M50 - Sandstone 	<ul style="list-style-type: none"> Fault Unconformity Structure Other 	<ul style="list-style-type: none"> Scale 1:1000 North Arrow 	<p>Goldcorp Inc. Toronto Office 145 King Street West Suite 2700 Toronto, ON M5H 1J8 UNITS : METRES DATE: 10/02/06 TIME: 11:17:56</p>	<p>V-Section, RL-09-202 RL09 - Sidace Lake Area Lithology, Au ppb (20m envelope) 1:1000</p>
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Appendix IV, QA-QC Graphs and Stats

