

Assessment Report, 2010 Diamond/RC Drilling Program

Gold Dome Project

Mayo Mining District, Yukon, Canada

NTS Map Sheets 115P09; 115P16

63° 47' North Lat., 136° 15' West Long.

Grant Number	Claim Name	Claim No.	NTS Map Number
YA83747 - YA83756	Ade	1-10	115P16
YA83206 - YA82237	Gant	1 - 34	115P16
YB42504 - YB42567	SC	1 - 64	115P16
YB43132 - YB43147	SC	65 - 80	115P16
YB43175 - YB43178	SC	81 - 84	115P16
YB43319 - YB43384	SC	85 - 150	115P16
YB43769	SC	151	115P16
YB43730 - YB43766	SC	152 - 188	115P16, 115P09
YB43770 - YB43785	SC	189 - 204	115P16, 115P09
YB43786 - YB43789	SC	205 - 208	115P16
YB43767 - YB43768	SC	209 - 210	115P16
YB43790 - YB43797	SC	211 - 218	115P16
YB43798 - YB43806	SC	219 - 227	115P09, 115P16
YB43807	SC	228	115P09
YB43808 - YB43824	SC	229 - 245	115P09, 115P16
YB43825 - YB43827	SC	246 - 248	115P09
YB43828 - YB43841	SC	249 - 262	115P16, 115P09
YB43842 - YB43847	SC	263 - 268	115P09
YB43848 - YB43853	SC	269 - 274	115P16
YB43854 - YB43863	we	275 - 284	115P09, 115P16
YB43864	SC	285	115P16
YB43865 - YB43871	SC	286 - 292	115P16, 115P09
YB44537 - YB44566	SC	293 - 322	115P09
YB44567 - YB44568	SC	323 - 324	115P16
YB44569 - YB44578	SC	325 - 334	115P09
YB64197	SC	335	115P16
YB64198 - YB64208	SC	336 - 346	115P09
YB64209 - YB64234	SC	347 - 372	115P16
YB64392 - YB64392	SC	373 - 374	115P16
YB64235 - YB64267	SC	375 - 407	115P16
YB64269	SC	409	115P16
YB64707	SC	496	115P09
YC56154	SC	497	115P09

Golden Predator Canada Corp.
Assessment Report – Gold Dome

YB64709 - YB64744	SC	498- 533	115P09
YC01099	SC	534	115P16
YC01096 - YC01098	SC	535 - 537	115P16
YB80826 - YB80837	Tang	1-12	115P16
YC01093 - YC01094	Tang	13 - 14	115P16
YC01092	Tang	15	115P16
YC01095	Tang	16	115P16
YD60301-YD60607	GD	1-307	115P09, 115P16, 116P09, 116P16

Period of Work: June 1, 2010 – October 15, 2010

Operator:

Golden Predator Canada Corp.

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Contents	Pg
1.0 Introduction	
1.1 Introduction	5
1.2 Participating Personnel	5
1.3 Agreement	5
2.0 Property Location, Claim Data and Access	
2.1 Location	5
2.2 Claim Data	6
2.3 Access	7
3.0 Physiography	7
4.0 History and Previous Work	8
4.1 Cominco Ltd	8
4.2 H6000 Holding Ltd	8
4.3 Kennecott Canada Exploration Inc	8
4.4 La Teko	9
4.5 Copper Ridge Exploration Inc	9
4.6 Golden Patriot Mining, Inc.	9
4.7 Copper Ridge Exploration Inc.	9
4.8 Riverside Resources Inc.	9
4.9 Golden Predator Canada Corp.	10
5.0 Geology	11
5.1 Geologic Setting	11
5.2 Property Geology	11
6.0 Mineralization	12
7.0 2010 Exploration	12
7.1 Exploration	12
7.2 Drilling	13
7.3 Collar Surveys	13
7.4 Sampling Methodology	14
7.5 Results	15

8.0 Conclusions/Recommendations/References

16

LIST OF FIGURES

- 1.1 Location Map of the Gold Dome Project

LIST OF TABLES

- 2.1 List of Quartz Mining Claims
7.1 Drill Hole Collar Locations

LIST OF APPENDICES

- Appendix 1 2010 Gold Dome Claim Map
Appendix 2 2010 Gold Dome Regional Geology Map
Appendix 3 2010 Gold Dome Drill Location Maps
Appendix 4 2010 Gold Dome Geologic Drill Logs
Appendix 5 2010 Gold Dome Assay Certificates

1.0 Introduction

1.1 Introduction

The Gold Dome project is located 25 kilometers northwest of the village of Mayo in north-central Yukon Territory, Canada. The project consists of 508 contiguous quartz claims located in the Mayo Mining District and the claims cover approximately 10,121 hectares. The project is accessed by gravel road via the Minto Lake Road and the Highet Creek Road. The 2010 exploration program consisted of geological compilation, collection and analysis of 400 additional soil samples, 1,300 meters of trenching with associated mapping and rock chip sampling, and both core (14 holes) and reverse circulation (28 holes) drilling totaling 8,460 meters.

1.2 Participating Personnel

The 2010 exploration program was funded and operated by Golden Predator Canada Corp. with its corporate headquarters in Vancouver, British Columbia, Canada. Peak Drilling of Courtenay, British Columbia provided the diamond core drilling services and Drift Exploration Drilling of High River, Alberta provided the reverse circulation drilling services. Geological and logistical services were provided by the Golden Predator Canada Corp. staff. Expediting services were provided by C.O.R.E. Expediting of Whitehorse, Yukon and excavating services were provided by Wilf's Excavating of Mayo, Yukon. Camp cooking/first aid was provided by Eileen McKie of Salmon Arm, British Columbia. All rock chip, soil and drill cutting sample assay work were performed by ALS/Chemex Laboratories with offices in Whitehorse, Yukon, and Terrace and Vancouver, British Columbia.

1.3 Agreement

Golden Predator Canada Corp. owns 100% in all 508 claims subject to a 4% net smelter royalty (NSR) of which 2% of the NSR can be bought back for \$2,000,000.

2.0 Property Location, Claim Data and Access

2.1 Location

The Gold Dome project area is located approximately 25 kilometers northwest of the Mayo in central Yukon. The Gold Dome project consists of 508 contiguous quartz claims, including 16 fractional claims covering approximately 10,121 hectares. The claims are located in the Mayo Mining District on NTS map sheets 115P/09 and 115P/16, centered at 63° 47' north latitude and 136° 15' west longitude. The claims cover the Scheelite Dome and the upper parts of the Highet, Sabbath and Johnson Creek drainages.



Figure 1.1

2.2 Claim Data

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Assessment Report – Gold Dome

Claims covered by this assessment report are listed in the Table 2.1 below and are shown in Appendices II. The Gold Dome property consists of 508 quartz claims including 16 partial claims and these claims cover an area of approximately 10,121 hectares (25,015 acres). These claims were grouped on June 1st, 2010 and their grouping number is HMO 2800.

Grant Number	Claim Name	Claim Number	NTS Map Number
YA83747 - YA83756	Ade	1-10	115P16
YA83206 - YA82237	Gant	1 - 34	115P16
YB42504 - YB42567	SC	1 - 64	115P16
YB43132 - YB43147	SC	65 - 80	115P16
YB43175 - YB43178	SC	81 - 84	115P16
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YB43854 - YB43863	SC	275 - 284	115P09, 115P16
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YB44569 - YB44578	SC	325 - 334	115P09
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YC01092	Tang	15	115P16
YC01095	Tang	16	115P16
YD60301-YD60607	GD	1-307	115P09, 115P16, 116P09, 116P16

Table 2.1

2.3 Access

Access to the property is via gravel road from Mayo along the Silver Trail to the Minto Lake and Highet Creek roads. Access to the 2010 exploration areas was via pre-existing four wheel drive roads branching off of the main access road that follows the Highet and upper Sabbath Creek drainages. Approximately 1,000 meters of new four wheel drive road was constructed to access new drill sites in the Hawthorne Ridge area and 700 meters of trail was used to access drill sites in the Swede Ridge area.

The Village of Mayo (population 431) is the nearest center for obtaining food and fuel and also provides limited accommodation and meals and some contract exploration services. Helicopter and fixed wing flight service is available at the Mayo airport. The nearest large metropolitan center is Whitehorse located 410 kilometers south of Mayo.

A new camp was constructed this year to support exploration activities on the property. The camp consisted of 11 wooden/metal frame wall tents and was permitted to accommodate up to 20 persons. Water was pumped from Highet Creek to supply kitchen/bathing water and two pit latrines provided sewage disposal. All garbage was hauled to a local, permitted landfill site (Mayo) as needed.

3.0 Physiography

The property covers the summit and the southern flank of Sheelite Dome (elevation 1597 m), a prominent topographic feature in the area. Elevations on the property range from 850 to 1597 meters and the topography in the area is characterized by broad rounded ridges with steep flanks cut by a dendritic drainage pattern. Most of the property has been affected by Pleistocene glacial processes, which has resulted in talus and scree deposits on hillsides and glaciofluvial outwash deposits on the valley floors. Permafrost is locally developed on the south-facing slopes.

The tree line on the property is located at approximately 1525 meters. Vegetation below the tree line and in the valley floors is composed of alder, birch, balsam and spruce. In areas of sparse tree cover and above tree line vegetation consists of buck brush, dwarf willow and moss.

Long cold winters, short cool summers and low precipitation characterize the climate in the project area. January temperatures range between -32 and -22 C and July temperatures range from 9 to 22 C. The Scheelite Dome area attracts significant rain during the summer months.

4.0 History and Previous Work

Initial, small scale placer mining in the Scheelite Dome area started in the late 19th and early 20th centuries following the discovery of placer gold in Johnson Creek in 1884 and in Highet Creek in 1903 (Doherty, 2007). Highet Creek has yielded the largest amount of placer gold in the Mayo region and small scale placer mining continues today. Hardrock exploration commenced in 1916 with the discovery of the Hawthorne Vein by local prospectors and continued through the mid 1960's. United Keno Hill Mining was active in the area in 1948 and they represent the first "mining company" to explore for precious metals in the area.

The following historical summary of exploration activities in the Scheelite Dome area is summarized from Hodges and Dawson (2008). With renewed interest in tungsten exploration in the 1940's, the Geological Survey of Canada focused on placer scheelite occurrences in the Yukon. The original scheelite bedrock discovery in the area was in 1942 on the north side of Scheelite Dome. The showing was staked and trenched the following year, but saw no commercial production and the claims were allowed to lapse. The area was re-staked in 1961 by the Dualco Syndicate as the Ursus claims and then as the Dark claims by G. Elvins. Mapping and soil sampling on the Dark claims in 1969 defined an area of weakly anomalous tungsten and the property was optioned to International Minerals and Chemical Corp. and additional trenching and soil sampling was completed over the anomaly.

4.1 *Cominco Ltd.*

In 1978, the claims were optioned to Cominco Ltd. and they conducted an extensive exploration program of geological mapping, soil sampling, bulldozer trenching and 271.9 meters of diamond drilling in 1979. The best intercept from this drilling was 0.95 g/t gold over 7.9 meters in calc-silicate alteration in metasediments west of the Scheelite Dome intrusion. This exploration work was north of the currently known gold in soil anomaly.

4.2 *H6000 Holdings Ltd.*

The Gant, Pearl and Ade claims were staked in 1986 and 1987 by R. Riepe. Following the discovery of the Fort Knox gold deposit in Alaska, H6000 Holdings Ltd. staked a large claim group over the Minto Lake and Scheelite Dome intrusions, and they also optioned the Gant and Ada claims in 1991. Soil sampling and trenching by H6000 failed to locate significant intrusion hosted gold mineralization at Scheelite Dome and the claims were allowed to lapse.

4.3 *Kennecott Canada Exploration Inc.*

Kennecott Canada Exploration Inc. staked the SC claims and optioned the Gant and Ade claims in 1994 and 1995. Additional exploration, including road and grid construction,

mapping, prospecting and soil sampling was carried out in the Heon Ridge area and additional stream sediment sampling and prospecting was conducted over the Minto Lake Stock.

Kennecott drilled eight diamond holes in 1995 totaling 1035 meters testing several prospects along Hight Creek. These drill holes returned elevated arsenic values over tens of meters in all holes with low gold values rarely exceeding 1 g/t. Kennecott flew a north-south oriented, 100 meter line spacing electromagnetic survey over the entire claim block in late 1995 and early 1996 which revealed little magnetic variation between Tombstone Suite Intrusions and adjacent hornfels meta-sedimentary rocks. Kennecott continued exploring the claims through 1997 through additional geological mapping, soil sampling, surveying, road construction, trenching and drill an additional 13 reverse circulation holes totaling 1052 meters. Trench samples from the Harvey/Rudolph area returned ore grade mineralization up to 84.3 g/t over 4 meters, and 188 ppb Au over 744 meters and 147 ppb over 375.7 meters from the Hawthorne and Harvey Ridge areas, respectively. The best results from the reverse circulation drilling were 485 ppb gold over 28.96 meters, including 2012 ppb gold over 4.58 meters from drill hole RC97-04 and 1630 ppb gold over 6.09 meters from drill hole RC97-05.

4.4 La Teko

La Teko optioned the property from Kennecott in 1997 and conducted additional soil sampling in the Bennett Creek area, Res/IP geophysical surveys in the Harvey/Rudolph area and drilled seven diamond holes totaling 1268 meters in the Harvey/Rudolph area. The best result from this program was 10.6 g/t gold over 1.5 meters in drill hole SH98-12.

4.5 Copper Ridge Exploration Inc.

Copper Ridge enlarged the soil sampling grids in the Bennett Creek West and Heon areas and established a new soil sampling grid in the Toby area. They also completed an additional ground magnetometer survey and drilled thirteen diamond drill holes totaling 1375.5 meters in 1999. The best drill results were from SH99-23 which returned 353 ppb gold over 74.6 meters which included 7.64 g/t gold over 1.5 meters. All of the drill holes contained low level gold mineralization (50-350 ppb gold) over tens to hundreds of meters.

4.6 Golden Patriot Mining Inc.

Golden Patriot Mining, Inc. collected additional Res/IP and ground magnetic data from the Tom Zone and drilled five diamond drill holes totaling 310 meters in 2003. The best drill result from this program was 24.42 g/t gold over 1.7 meters in drill hole SH03-30.

4.7 Copper Ridge Exploration Inc.

During the 2006 field season, Copper Ridge Exploration carried out a program of line cutting, soil sampling and geophysical surveying over the newly defined Toby zone. The work defined a 2 by 1 kilometer area of anomalous coincident bismuth, arsenic, antimony and gold soil geochemistry, located two kilometers south of the Tom zone. The geophysical program

included Res/IP, magnetic and VLF-EM ground surveys covering 21 grid kilometers. This work was followed by road building and 1,430 meters of mechanical trenching. The trenching program focused on the southeast part of the Toby zone where the soil anomaly is coincident with a moderate IP chargeability anomaly. The trenching exposed large areas of intense alteration in the meta-sediments surrounding discrete 1 to 3 meter wide zones of quartz-arsenopyrite-bismuthinite veining. A total of 622 grab and chip-channel samples were collected from the trenches. Highlights included 4.2 g/t Au over 2 meters from trench 06-2 and 8.1 g/t Au over 1 meter in continuous chip samples from trench 06-3.

4.8 Riverside Resources Inc.

In 2007, Riverside Resources Ltd. optioned the property and completed a five-hole, 600 meter diamond drill program targeting bulk tonnage gold potential along the Aorta structure. Results of this program included several ten-meter intervals of >1 g/t Au, including 10.18 m of 2.03 g/t Au and 0.25 m of 22.70 g/t Au (SD07-34) and 10.10 m of 2.21 g/t Au (SD097-37). Historic drill holes into the Aorta structural corridor returned similar long intervals of gold mineralization including 54.9 meters of 0.45 g/t (RC97-11); 43.4 meters of 0.56 g/t (SH98-10); 20.3 meters of 1.03 g/t (SH99-23); 8.9 meters of 1.81 g/t (SH99-24); and 15.8 meters of 1.88 g/t (SH98-12). The combined results demonstrate continuity of low-grade, near-surface gold mineralization along the Aorta structural corridor.

4.9 Golden Predator Canada Corp.

Golden Predator acquired the property in 2009 through the acquisition of Copper Ridge Exploration, Inc by their wholly owned subsidiary True North Mining, Inc. In 2009, the Company drilled 17 diamond drill holes for a total of 2,416 meters in three target areas (Tom, Toby, and Hawthorne).

Golden Predator completed six diamond drill holes, totaling 1,216 meters, in the Tom Zone following up several narrow gold zones defined by Golden Patriot Mining Inc. drilling in 2003. Four of the six drill holes intersected significant thicknesses of partially retrograded calc-silicate (clinopyroxene-plagioclase; tremolite-actinolite) skarn with associated semi-massive to massive arsenopyrite+pyrite+pyrrhotite±chalcopyrite mineralization. Highlights of the Tom drilling include 6.23 g/t Au over 4.15 meters starting at 26.77 meters in drill hole GD09-005, 21.64 g/t Au over 1.03 meters from 13.62 meters in drill hole GD09-006, and 52.35 g/t Au over 2.70 meters from 13.00 m and 12.96 g/t Au over 10.45 meters from 25.20 meters in drill hole GD09-007. The Tom holes also intersected minor gold mineralization at depth associated with disseminated and vein-hosted arsenopyrite rich mineralization associated with tourmaline and actinolite alteration.

The Company drilled three holes in the Toby zone totaling 664 meters and drilling was hampered by poor ground conditions and low recovery. Drilling at Toby targeted a coincident IP and gold-arsenic-bismuth soil geochemical anomaly and extensions of mineralization beneath trenches excavated and sampled by Copper Ridge Exploration in 2006. All three holes at Toby intersected abundant quartz-arsenopyrite veins, minor pyrrhotite and a sulphide-bearing

monzonite dike, however the drilling returned no significant gold values.

The Hawthorne quartz-arsenopyrite-scorodite vein was one of the original bedrock discoveries in the area and was staked by prospectors in 1916. Grab samples from the vein returned up to 64.0 g/t Au, and trenching in the footwall of the vein by Kennecott in 1997 returned 744 m of 0.19 g/t Au (Trench 97-1 & 5, YGS Assessment Report 093791). A total of eight drill holes totaling 580 meters tested the vein and intersected up to 5% arsenopyrite+pyrite with accessory scorodite and stibnite, and minor quartz-sulphide stringers in the vein footwall. The best results from this program included 5.17 g/t Au over 2.52 meters in drill hole GD09-015 and 3.79 g/t Au over 2.15 meters in drill hole GD09-012. Geochemically, gold mineralization at Hawthorne is similar to the low-grade gold-only mineralization encountered at depth at the Tom zone.

5.0 Geology

5.1 *Geologic Setting*

The Gold Dome project is thought to be an intrusive-related gold system (IRGS) associated with the Scheelite Dome stock that is part of the ~90 Ma Tombstone Plutonic Suite (TPS). The TPS forms a narrow, west-northwest trending belt of weakly reduced, felsic intrusions extending 550 kilometers across the north-central Yukon (Mair, et al., 2006). Gold Dome has been classified as an IRGS, however unlike type examples of these deposits in the Yukon, most of the known gold mineralization is hosted within peripheral hornfelsed meta-sedimentary rocks of the Proterozoic Hyland Group.

5.2 *Property Geology*

Highly deformed metasedimentary rocks and stocks and dikes of the mid-Cretaceous Mayo suite underlie the Scheelite Dome property. The metasedimentary strata are part of the Neoproterozoic to early Cambrian Hyland Group and comprise strongly foliated muscovite-chlorite phyllites, quartzite/psammite with minor carbonate, calc-phyllite and graphitic argillites, which were deformed to lower greenschist facies during the late Jurassic and early Cretaceous (Mair et al., 2006b).

The Scheelite Dome, Morrison Creek and Minto Lake quartz monzonite and granodiorite stocks are the most prominent intrusive rocks on the property. Compositionally, these stocks comprise largely medium- to coarse-grained hornblende and biotite bearing granodiorite. The Morrison Creek stock is relatively homogeneous whereas widespread mafic to felsic dykes intrude the Scheelite Dome stock. Thermal metamorphic aureoles, evident in airborne magnetic surveys and characterized by the development of andalusite, biotite, recrystallised quartz and pyrrhotite envelop the stocks. Narrow lamprophyre dikes, which occupy fracture and fault zones, outcrop throughout the property. They are typically calcareous and commonly contain fine grained biotite and minor pyrrhotite. Fine-grained to aphanitic rhyodacite, trachyte and quartz monzonite dykes, likely related to the TPS intrusions also occur throughout the project area.

6.0 Mineralization

Two main stages of alteration and mineralization are documented on the property. Early, calc-silicate alteration is developed in metasedimentary rocks peripheral to the coarse-grained, granodioritic Sheelite Dome intrusive. The greenschist facies metasedimentary rocks are hornfelsed and contain significant disseminated pyrrhotite and foliation parallel quartz veining with variable but ubiquitous arsenopyrite and local scheelite. The earlier calc-silicate alteration is cut by thin (<0.02 m), planar, sheeted, high angle quartz-kspars-arsenopyrite-scheelite veinlets with thin phyllic alteration halos. Locally, as fracture density increases the phyllic alteration overprints the earlier calc-silicate alteration. A third alteration/mineralization type is quartz plus silver sulfosalt veins that are younger (?) than the phyllic alteration. These veins are usually thicker (0.05-0.20 m), discrete, and contain significant silver and antimony mineralization as compared to the sheeted vein zones. Gold mineralization is hosted in all alteration types with higher grades being associated with the sheeted quartz vein/phyllic alteration event and the silver sulfosalt-bearing veins in general. In the Tom Zone however, high-grade gold mineralization is associated with the early, coarse grained calc-silicate alteration.

7.0 2010 Exploration

7.1 *Exploration*

Mineral exploration at Gold Dome included camp construction, soil sampling, trenching, trench reclamation, access road construction, drill site preparation and both reverse circulation and diamond core drilling. Exploration activities started in mid May and were completed by mid October. The program was carried out under a Yukon Energy, Mines and Resources Class 3 Permit LQ00190a which is current through June 22, 2011.

New surface disturbance included the construction a new three season camp with a footprint of 25 by 60 meters located at UTM coordinates 439387E 7071163N. The camp consisted of 9 large, wood and metal framed, canvas tents with wood flooring with 3 tents used as a kitchen/mess/dry, five tents used for sleeping quarters and a single office tent. A 1,000 liter water storage tank supplied camp water pumped from Highet Creek. Two pit latrines were used for toilets and all camp garbage was hauled to the Mayo landfill. Three small wood frame buildings were built and used for core logging and sawing. The core storage facility is located at 443056E, 7069895N immediately south of the camp and this was also the fuel storage site.

Approximately 1,000 meters of new road was built to access drill site locations in the Hawthorne Ridge area and to access camp and ~700 meters of trail was used to access drill site locations in the Swede Ridge area.

A total of 1,300 linear meters (2,600 m³) of trench was constructed in 5 separate excavations. All 1,300 m of trenching in the Toby area was reclaimed and brought to original slope contour. Water bars were placed on the access road into the Toby area to minimize erosion from water runoff and will allow only ATV access into the area.

A total of 42 drill holes were completed in 2010 at Gold Dome. Seventeen of the drill holes required drill pad construction with each drill site being approximately 5 by 5 meters in area. Fourteen of these sites were for the core drill and the other 3 were for the reverse circulation drill, while the remaining 25 drill sites for the reverse circulation drill rigs were located on pre-existing roads requiring no additional surface disturbance.

7.2 Drilling

The Gold Dome project hosts one of the largest gold-arsenic-bismuth soil anomalies in the Yukon identified to date, and is thought to be associated with mid-Cretaceous granodiorite and monzonite intrusions of the TPS. Known gold mineralization is primarily hosted in Hyland Group sedimentary rocks adjacent to the Scheelite Dome composite stock. Exploration efforts on the property so far have identified 14 mineralized zones, however, most exploration programs prior to Golden Predator's 2009 diamond drilling program were underfunded and the Gold Dome property remains under-explored.

7.3 Collar Surveys

All drill hole collars were surveyed using a handheld Garmin GPS with an approximately accuracy of ± 10 m. Drill collar location data for all 42 drill holes is given in Table 7.1 below.

HoleID	Area	Coord	East	North	Elev (m)	Length (m)
GDDH-10-018	TOM	UTM83-8	437639.78	7071392.5	1118.1	274.32
GDDH-10-019	TOM	UTM83-8	437727	7071447	1173.38	265.18
GDDH-10-020	TOM	UTM83-8	437821.56	7071770	1308.35	237.74
GDDH-10-021	HWT	UTM83-8	438845	7072356	1463.61	277.37
GDDH-10-022	HWT	UTM83-8	439089.63	7072699.5	1489.62	304.8
GDDH-10-023	HWT	UTM83-8	439089.63	7072699.5	1489.62	280.42
GDDH-10-024	HWT	UTM83-8	439041	7072640	1472.85	109.73
GDDH-10-025	HWT	UTM83-8	438734	7072189	1451.8	286.51
GDDH-10-026	HWT	UTM83-8	438638	7072074	1454.5	234.76
GDDH-10-027	HWT	UTM83-8	439238.69	7072685	1447.4	304
GDDH-10-028	HRV	UTM83-8	439456.34	7072752.5	1520.44	295
GDDH-10-029	HRV	UTM83-8	439470.44	7072612.5	1505	268.22
GDDH-10-030	AORTA	UTM83-8	440058	7072705	1296.1	408
GDDH-10-031	AORTA	UTM83-8	440206	7072781	1223	308
GDRC10-001	TOM	UTM83-8	437680	7071630	1203.61	80.79
GDRC10-002	TOM	UTM83-8	437594.44	7071568	1184.83	71.65
GDRC10-003	TOM	UTM83-8	437613	7071546	1160.2	83.84
GDRC10-004	TOM	UTM83-8	437586.69	7071442	1133	149.09

GDRC10-005	HWT	UTM83-8	439064.81	7072393.5	1412.19	129.57
GDRC10-006	HWT	UTM83-8	438900	7071939	1355	143.2927
GDRC10-007	TOBY	UTM83-8	437372	7069268	1528	106.7
GDRC10-008	TOBY	UTM83-8	437461	7069357	1523	106.7
GDRC10-009	TOBY	UTM83-8	437533	7069451	1518	106.7
GDRC10-010	TOBY	UTM83-8	437626	7069532	1512	106.7
GDRC10-011	SWD	UTM83-8	438176.25	7072365	1485.3	91.46342
GDRC10-012	SWD	UTM83-8	438083.59	7072327.5	1485.84	106.7073
GDRC10-013	SWD	UTM83-8	437997.75	7072276.5	1484.46	187.5
GDRC10-014	SWD	UTM83-8	437913.81	7072223.5	1477.42	199.6951
GDRC10-015	SWD	UTM83-8	437815.44	7072210	1473.7	198
GDRC10-016	SWD	UTM83-8	437715.47	7072207	1467.98	259.2
GDRC10-017	HWT	UTM83-8	438412.72	7072429.5	1516.28	198.2
GDRC10-018	AORTA	UTM83-8	440772	7072443	1054	210.4
GDRC10-019	HRV	UTM83-8	439250	7072850	1541	176.8
GDRC10-020	AORTA	UTM83-8	440805.59	7072349	1044.52	144.8
GDRC10-021	HRV	UTM83-8	439350	7072880	1517	198.2
GDRC10-022	AORTA	UTM83-8	440219.78	7072840.5	1214.6	233.2
GDRC10-023	HRV	UTM83-8	439444.81	7072838.5	1520.85	213.4
GDRC10-024	AORTA	UTM83-8	439845	7072538	1397	230.1829
GDRC10-025	HRV	UTM83-8	439499	7072648	1510	222.561
GDRC10-026	AORTA	UTM83-8	439948	7072764	1352	240.8537
GDRC10-027	SWD	UTM83-8	438464	7072628	1500	166.16
GDRC10-028	AORTA	UTM83-8	440540	7072835	1097	243.9

Table 7.1

7.4 Sampling Methodology

The core drill holes were drilled by a skid mounted drill utilizing NTW core size (5.6 cm/2.2"). The core is cut and one half is sent to the lab for analysis and the other half is retained on site. Peak Drilling from Courtney, B.C. was the core drilling contractor in 2010.

The reverse circulation (RC) drill holes were drilled by track mounted drills that produce a 5" (12.7 cm) diameter drill hole. Samples were collected from 1/8th of the material from a 5 ft. (1.5 m) interval utilizing a splitter incorporated on the cyclone. Drift Exploration from Calgary, Alberta was the reverse circulation drilling contractor in 2010.

Both the RC samples and core samples were sent to ALS Chemex's prep lab in Whitehorse, Yukon and then forwarded to their ISO 9001 certified preparation facility in Terrace, B.C. The pulps were analyzed at ALS's ISO 9001 certified laboratory in Vancouver, B.C. Approximately 5% of the pulps were sent for secondary check assays at Stewart Groups

Eco Tech laboratory in Kamloops, B.C. Blanks, commercial standards and duplicate samples were included in each sample batch. To determine gold values at a detection limit of 5-10,000 ppb (5-1000 ppb at Eco Tech) 30 g samples are fire assayed then digested in aqua regia solution and analyzed by atomic absorption. At Eco Tech, values over 1,000 ppb are re-assayed by fire assay and then digested with aqua regia and then re-analyzed by an atomic absorption instrument (detection limit 0.03 g/t). At ALS Chemex, values of 10 g/t gold are re-assayed by fire assay followed by a gravimetric finish (50 ppb lower detection limit).

Other elements are analyzed by a 35 element package (ME_ICP41) whereby the sample is dissolved in aqua regia acid solution and then analyzed by ICP. Additional check analyses are carried out by the lab which did not receive the original sample. Gold check assays were performed by Eco-Tech Lab.

Golden Predator employs high standards of protocol with respect to the handling and chain of custody of its samples. All sampling is conducted under the supervision of the Company's project geologist and the chain of custody from the drill to the sample preparation and logging facility is continually monitored by the project geologist. Samples are shipped to the lab by qualified couriers or Company personnel under locked bags with independent identification lock numbers. Data verification of the analytical results includes a statistical analysis of the duplicates, standards and blanks that must pass certain set parameters for acceptance to insure accurate and verifiable results. All assays are reported as drilled intervals and are not to be interpreted as true widths.

7.5 *Results*

A total of 14 NQ2 core holes and 28 reverse circulation drill holes were completed on the property in 2010 for a total footage of 3,854 m and 4,606 m respectively. This year's drilling program focused on five target areas; Tom, Hawthorne Ridge, Harvey Ridge/Aorta, Toby and the Swede zones. The 2010 drilling program was designed to evaluate the project's numerous gold targets with wide-spaced exploration drill holes testing a new structural model developed for the project this year. The program tested these target zones at depth, down dip from previous, shallow gold mineralized drill intercepts.

Drill log summaries for all 42 drill holes are located in Appendix 2 and Appendix 3 contains all of the assay certificates for the drill holes. All samples were fire assayed for Au and analyzed by ICP for a trace element suite. The 2010 QA/QC program included a pulp standard, sample duplicate and sample blank for every 36 samples and was conducted throughout the drilling program. Approximately 5% of the original pulps were re-assayed for gold at the conclusion of the drill program.

Tom Zone – Three core (GDDH-10-018, 019 and 020) and four reverse circulation (GDRC10-001, 002, 003 and 004) drill holes tested both strike and down-dip extensions of mineralization encountered in GD09-007 in 2009. These drill holes encountered thin gold mineralized intervals interpreted to represent high-angle mineralized structures. Drill hole GDDH-10-020 encountered 1.68 g/t Au over 9.75 m at 83.05 m and 1.29 g/t Au over 13.3 m at

179.5m. This intercept extended gold mineralization 300 m to the northeast from the GD09-007 intercept (25.40 m at 11.12 g/t Au) and suggests that gold mineralization continues along strike towards the Swede Ridge zone. Gold mineralization associated with coarse grained calc-silicate alteration with significant pyrite and pyrrhotite similar to the intercept in GD09-007 was not encountered in any of the 2010 drill holes.

Hawthorne Ridge Zone – Six core (GDDH-10-021, 022, 023, 024, 025 and 026) and three reverse circulation (GDRC10-006, 007 and 019) drill holes tested northeast and north trending structural zones in the Hawthorne Ridge area within the Au-As soil anomaly. Six of the nine drill holes encountered gold mineralization over 600 m of strike length highlighted by 1.00 g/t Au over 21.95 m at 212.92 in GDDH-10-022. Alteration consists of fine grained calc-silicate with disseminate pyrrhotite and pyrite which is overprinted by the later phyllic alteration at depth. The zone is located along the southern margin of the Scheelite Dome intrusion and the zone remains only partially tested at depth and to the north to the intrusive contact.

Harvey Ridge/Aorta Zone - Five core (GDDH-10-027, 028, 029, 030 and 031) and nine reverse circulation (GDRC10-018, 020, 021, 022, 023, 024, 025, 026 and 028) drill holes tested the east-west trending structural zone in the Harvey Ridge/Aorta area within the Au-As soil anomaly. The structural zone is defined by sheeted quartz veins and lamprophyre dikes and defines the long axis of the Au-As soil anomaly. Eleven of the drill holes encountered significant gold mineralization highlighted by 0.65 g/t Au over 22.2 m at 118.10 m in GDDH-10-028 and 0.54 g/t Au over 22.86 m at 150.88 m in GDRC10-028. The intensity of phyllic alteration increases at depth within the Harvey Ridge/Aorta zone, however it was not associated with increasing gold grades and near-surface drill intercepts through the sheeted vein zones returned gold values lower than surface trench sampling by Kennecott. The eastern Aorta structure has not been adequately drill tested and the intercept in GDRC10-028 has not been offset.

Swede Zone – Eight reverse circulation drill holes (GDRC10-011, 012, 013, 014, 015, 016, 017 and 027) tested an Au-As in soil anomaly in the Swede Zone. The east-west trending geochemical anomaly is located along the southern boundary of the Scheelite dome stock and is cut by numerous N-NE trending, high-angle quartz veins hosted in the metasedimentary sequence. Significant Au mineralization was encountered in the drill holes GDRC10-015 (1.00 g/t Au over 12.19 m @ 83.82 m) and GDRC10-016 (1.49 g/t Au over 12.19 m @ 56.39 m) at the western margin of the geochemical anomaly. These intercepts are interpreted to represent thin (< 3 m), steeply dipping, Au mineralized quartz veins. The zone has widespread, anomalous gold (50-200 ppb) throughout, however the density of higher grade veins within the zone appears to be low.

Toby Zone – Four reverse circulation drill holes (GDRC10-007, 008, 009 and 010) tested a Au-As in soil anomaly in the Toby Zone. Trench mapping and sampling across the zone suggests that gold mineralization is associated with thin (< 0.05m), gently south dipping, foliation parallel, arsenopyrite-pyrite replacements of limy calc-phylite beds. Rock chip samples from As-rich mineralized rock returned values from 6 ppm Au to less than detection Au in the trenches. None of the reverse circulation drill holes returned significant gold assays, but

were locally highly anomalous in As and Bi. Two core holes tested the zone in 2009 with similar results.

8.0 Conclusions/References

The Gold Dome project is centered on a large, regional anticlinal structure with localized doming around Tombstone Plutonic Suite intrusions. A 3 x 5 kilometer, Au-As-Bi soil anomaly defines a large hydrothermal system with the potential to host a significant, bulk tonnage, gold deposit. Multi-phase, overprinting alterations associated with the Scheelite Dome stock and younger dike phases document multiple igneous pulses with associated gold and favorable trace element mineralization. Older intrusive phases are associated with calc-silicate hornfels alteration peripheral to the intrusive stocks with associated tungsten $\pm$ gold mineralization. Younger potassic alteration is associated with sheeted veins which cross-cut earlier calc-silicate alteration and is also associated with gold and locally silver mineralization.

The significant widespread gold mineralization and associated As and Bi geochemistry reflect a district-scale, mineralized system centered on the Gold Dome property. Numerous drill targets within the five known gold mineralized zones, gold in soil targets in the Heon Ridge area east of the area of historic exploration, plus the untested potential of two additional intrusive bodies cropping out on the property make a strong case for additional, significant exploration expenditure on the Gold Dome property.

References

- Doherty, R.A., 2007, Technical report on the Scheelite Dome property, Mayo area, Yukon, Riverside Resources Inc. 70 pp.
- Hodges, J.L. and Dawson, J.G., 2008, Assessment report on the 2007 Diamond Drilling Program, Scheelite Dome Project, Copper Ridge Exploration Inc., p. 22.
- Hulstein, R. and Zuran, R., 1997, Assessment Report on 1997 Drilling and Trenching Work, Scheelite Dome Project; Assessment Report #093791, Kennecott Canada Exploration, Inc.
- Mair, J.L., Goldfarb, R.J., Johnson, C.A., Hart, C.J.R., and Marsh, E.F., 2006, Geochemical constraints on the genesis of the Scheelite Dome Intrusion-Related Gold Deposit, Tombstone Gold Belt, Yukon, Canada: *Economic Geology*, v. 101, p. 23-53.
- Mortensen, J.K., Hart, C.J.R., Murphy, D.C., and Heffernan, S., 2000, Temporal evolution of early and mid-Cretaceous magmatism in the Tintina gold belt, in Tucker, T.L. and Smith, M.T. eds., *The Tintina gold belt: Concepts, exploration, and discoveries*: Vancouver, British Columbia and Yukon Chamber of Mines Special Volume 2, p. 49-57.

Golden Predator Canada Corp.
Assessment Report – Gold Dome

Expenditures

Description	Amount
Fuel	\$ 100,556.04
Salaries – Field Crew	\$ 337,630.62
Camp Construction	\$ 123,739.80
Drilling – Total 42 Diamond and RC Drill Holes	\$1,137,838.63
Assays	\$ 214,101.43
Total	\$1,913,866.42

STATEMENT OF QUALIFICATIONS

I, Jeffrey A. Cary, who resides in Durango, Colorado, USA, DO HEREBY CERTIFY THAT:

1) I am an employee and Senior Geologist of Golden Predator Canada Corp. with an address at 201A – 170 Titanium Way, Whitehorse, Yukon, Y1A 0G1.

2) I hold the following academic qualifications:

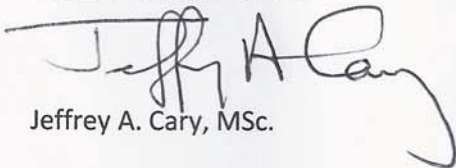
Master of Science Degree in Geology in 1990 from Western Washington University in Bellingham, Washington, USA; Bachelor of Science Degree in Geology in 1983 from Fort Lewis College, Durango, Colorado, USA.

3) I have been practicing my profession continuously in the United States, Canada, Mexico and Chile for twenty eight years as a professional geologist on a variety of exploration and development programs searching for precious metals, base metals, uranium and coal.

4) The information for this report is based on information as itemized in the Selected Reference section of this report and from work the author performed at the Gold Dome Property from August 8th to October 15th, 2010.

Dated this 25th Day of May, 2011.

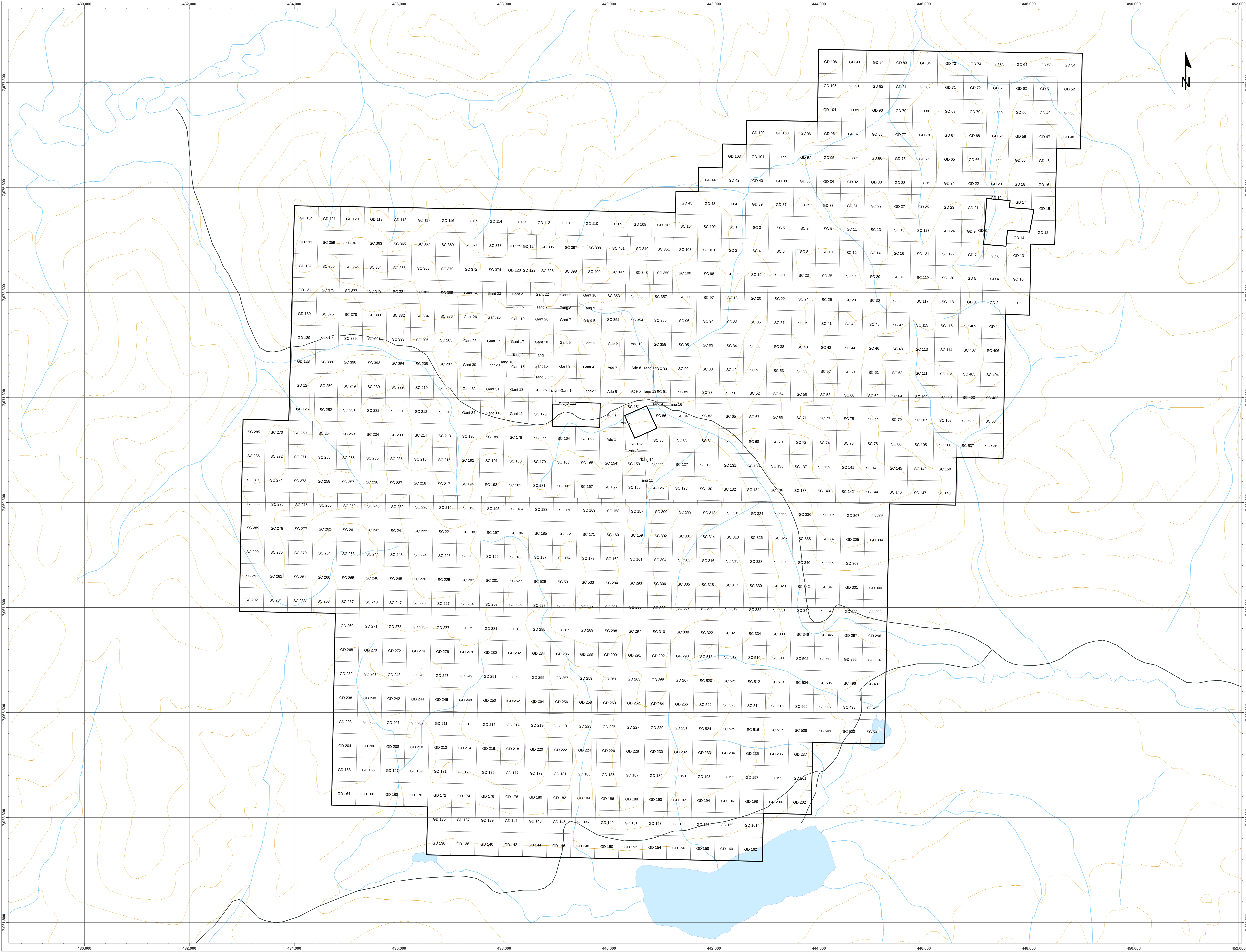
Respectfully Submitted

A handwritten signature in black ink, appearing to read 'Jeffrey A. Cary', with a stylized flourish at the end.

Jeffrey A. Cary, MSc.

Senior Geologist,

Golden Predator Canada Corp.

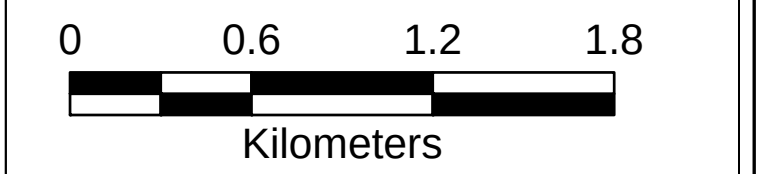


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- Watercourse
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- Island
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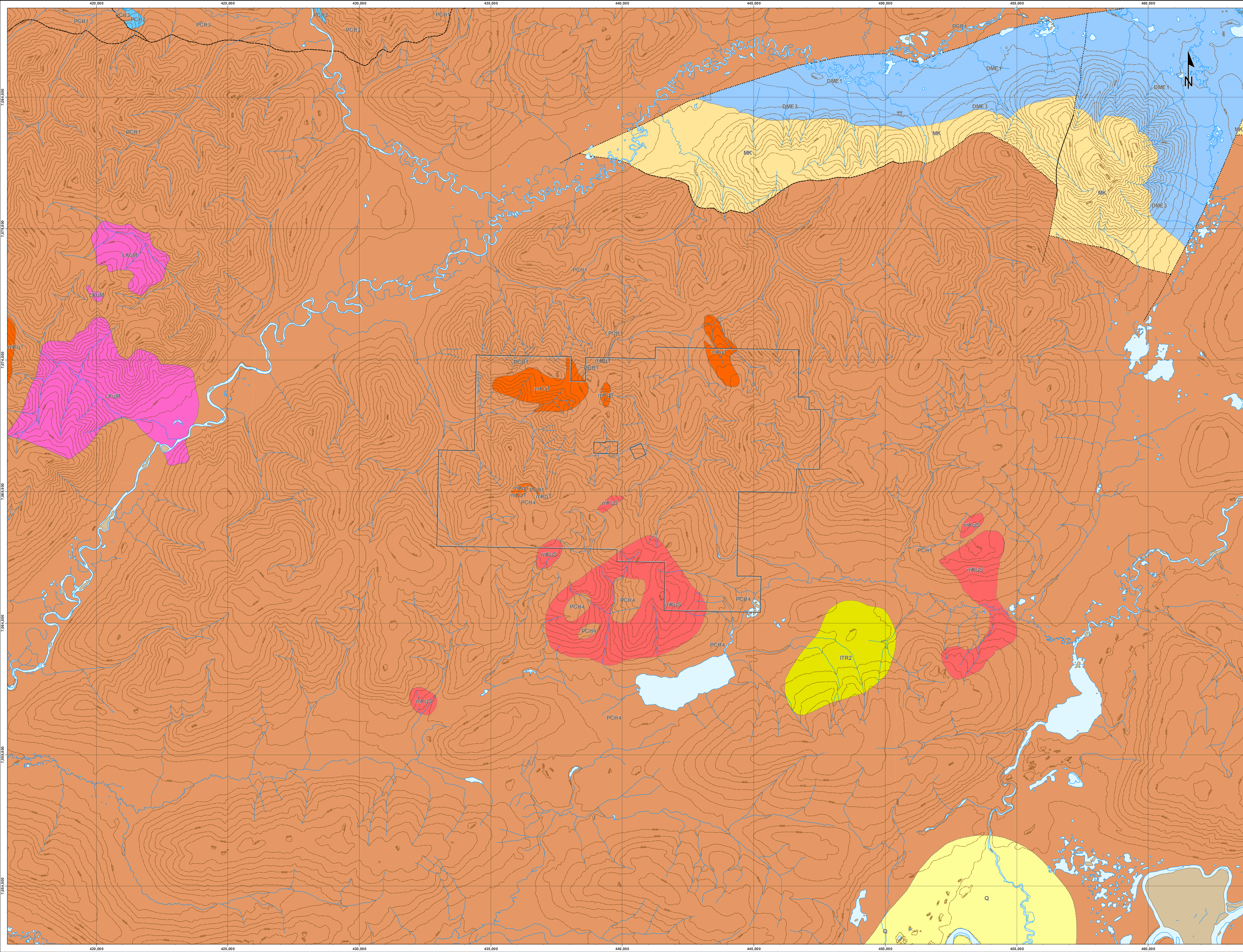


Gold Dome Project

Project Tenures
for Assessment 2010



Scale:	1:25,000	Map ID:	--
Draw Date:	2011/02/16	Rev. Date:	--
Version:	1	Figure:	--
Author:	A. Caldwell	Office:	Vancouver
Location:	NTS 115°00'00" to 25 km NW of Mayo, Yukon		
Projection:	NAD 1983, UTM Zone 8N		
Filename:	GDD_20110216_AssmntTenureA_v1.mxd		



YUKON

Dawson City, Whitehorse, Watson Lake, Rose River

Map Area

Geologic Units

QUATERNARY

Q: QUATERNARY: unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluvial silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits

LOWER TERTIARY, MOSTLY(?) EOCENE

ITR2: ROSS: rhyolite flows, tuffs, ash-flow tuffs and breccias, locally laminated; small stocks and necks of white weathering, flow-banded, quartz-sandine porphyry to granite porphyry, locally obsidian bearing; local shale, sandstone and conglomerate

LATE CRETACEOUS

LKqM: MCGHESTON SUITE: medium- to coarse-grained, locally porphyritic and K-feldspar megacrystic biotite muscovite granite and quartz monzonite

MID-CRETACEOUS

mKqT: TOMBSTONE SUITE: medium- to coarse-grained, locally porphyritic biotite hornblende, clinopyroxene granite, quartz monzonite and granodiorite (Tombstone Suite)

mKqS: SELWYN SUITE: equigranular to porphyritic (K-feldspar) biotite hornblende muscovite granite, quartz monzonite and granodiorite; porphyritic biotite hornblende granite with large smoky grey quartz phenocrysts and locally K-feldspar phenocrysts (Selwyn Suite)

MISSISSIPPIAN

MK: KENO HILL: massive to thick bedded quartz arenite; thin to medium bedded quartz arenite interstratified with black shale or carbonaceous phyllite; local scour surfaces and shale intraclasts; locally foliated and laminated (Keno Hill Quartzite)

DEVONIAN AND MISSISSIPPIAN

DME1: EARL: thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone (Earl Gp., Fortrait Lake and Frevost)

DME2: EARL: massive felsic to intermediate volcanic flow, tuffs and subvolcanic plug(s); locally highly altered; greenish chert and minor black slate; quartz eye quartz-sericite chlorite phyllite; local vesicular or amygdaloidal basalt, locally pillowed

UPPER PROTEROZOIC TO LOWER CAMBRIAN

PCH1: HYLAND: thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit, and quartz pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and minor marble (Hyland Gp., Yueszyu)

PCH2: HYLAND: grey weathering, dark grey to grey white, thin to thick bedded, very fine crystalline limestone, locally sandy; calc-silicate and marble; may locally include oolite members within (1) or (4) (Hyland Gp., Algae Lake, Limestone member of Yueszyu)

PCH3: HYLAND: distinctive, recessive, maroon weathering, interbedded maroon and apple-green slate; "Oidhamia" trace fossils; rare grey chert; locally basal member and interbeds of quartz siltstone, sandstone and quartz-pebble conglomerate (Hyland Gp., Nachilla, Senah, Arrowhead Lake)

PCH4: HYLAND: quartzose clastic rocks as described in (1); mostly(?) equivalent to (1) but may include younger units (Hyland Gp., mostly(?) Yueszyu)

Contact	Fault
defined	defined
approximate	approximate
assumed	assumed
extrapolated	extrapolated

Gold Dome Outline

Watercourse

Waterbody

Island

Imperial Contour (200ft)

Depression

Elevation

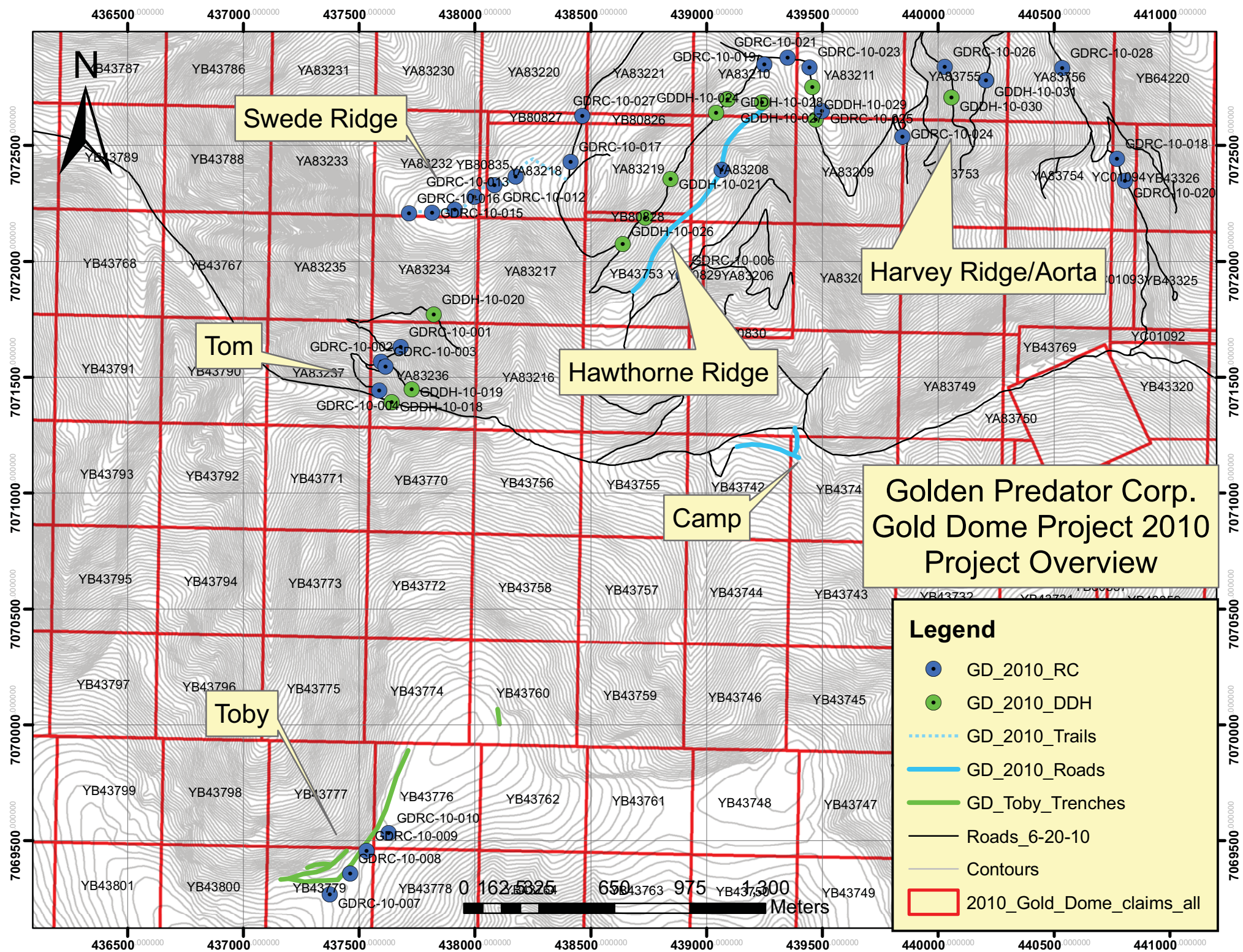
GOLDEN PREDATOR

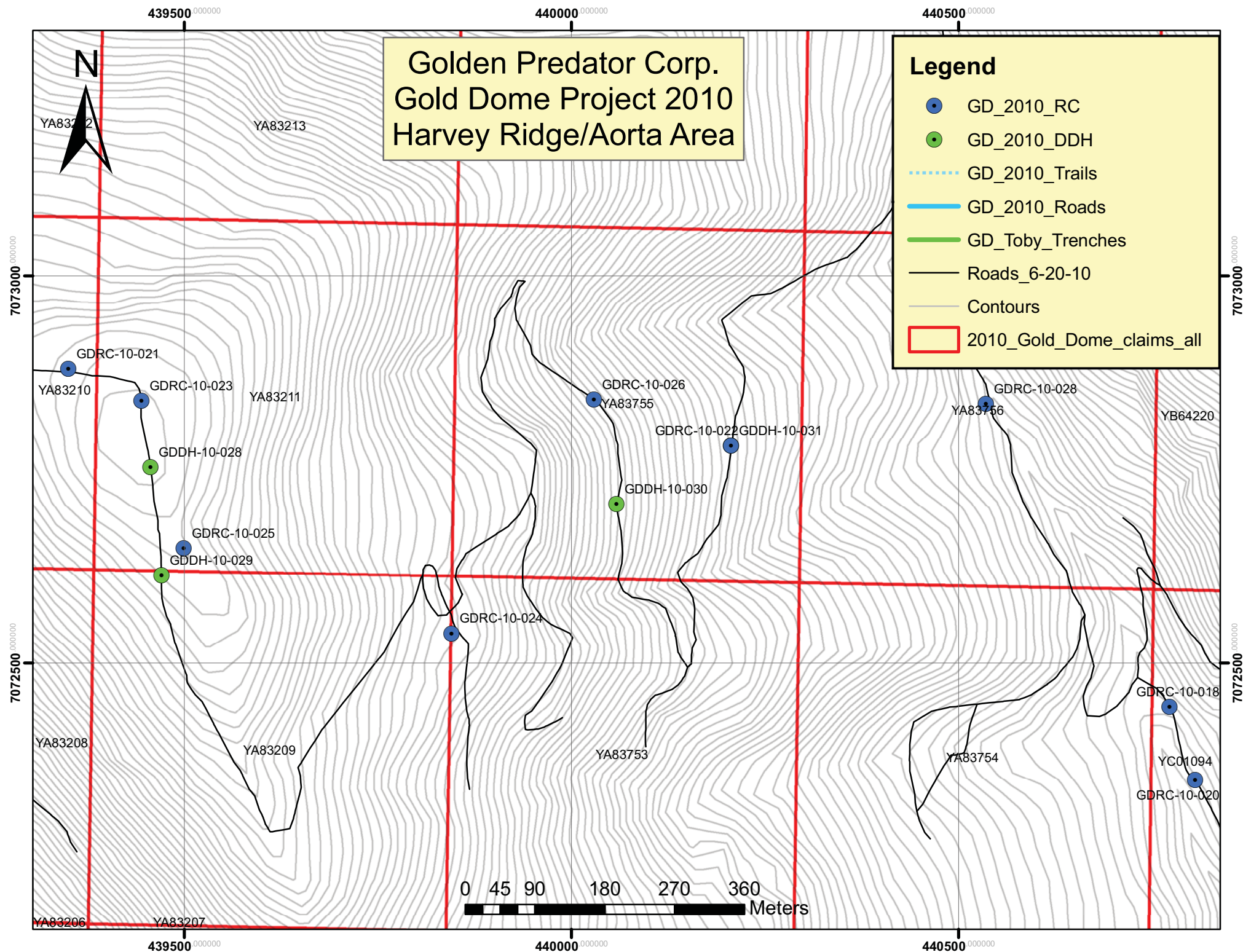
Gold Dome Project

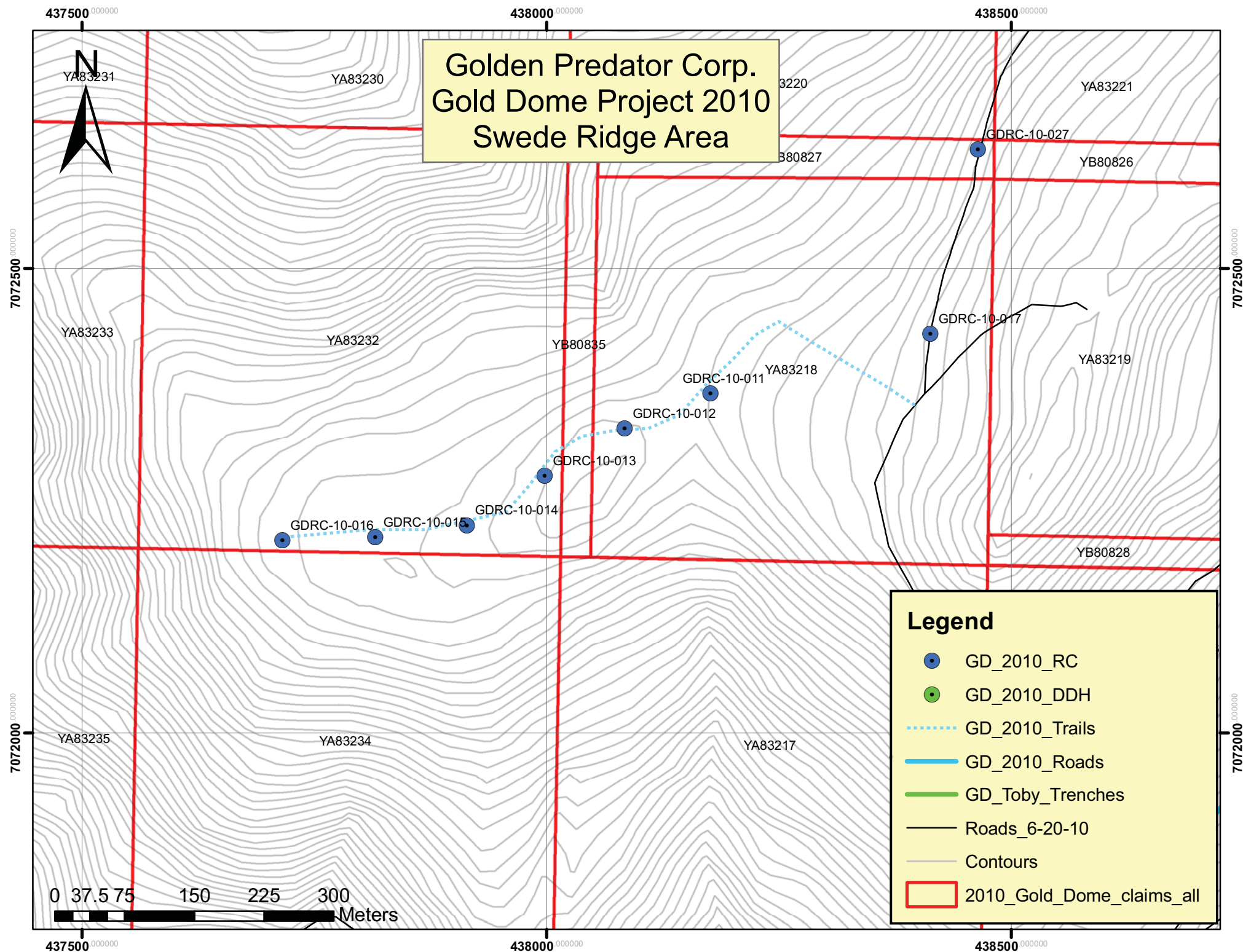
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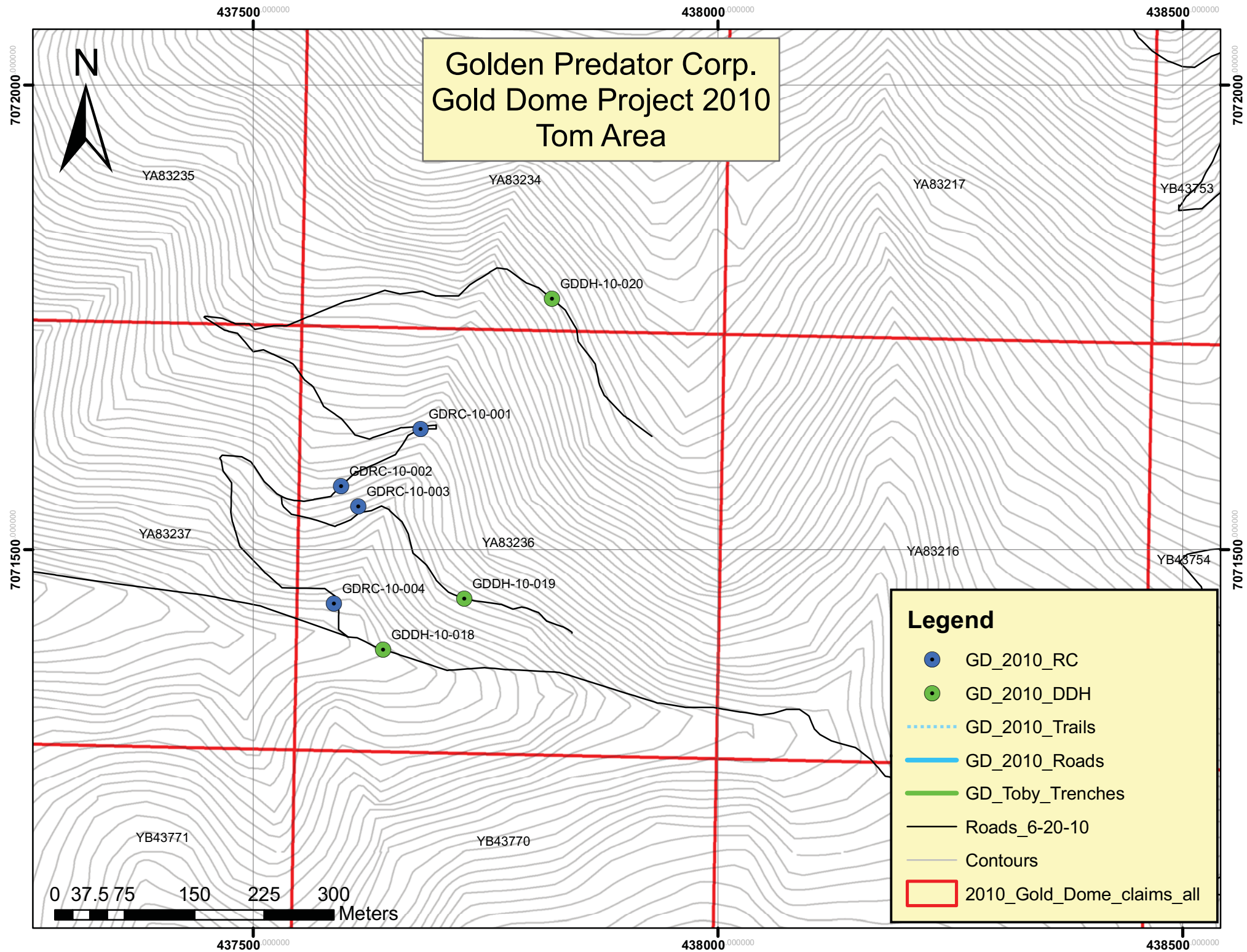
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Version: 1	Figure: --
Author: A. Caldwell	Office: Vancouver
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Projection: NAD 1983, UTM Zone 8N	
Filename: GDD_20110216_AssmntRegGeology_v1.mxd	

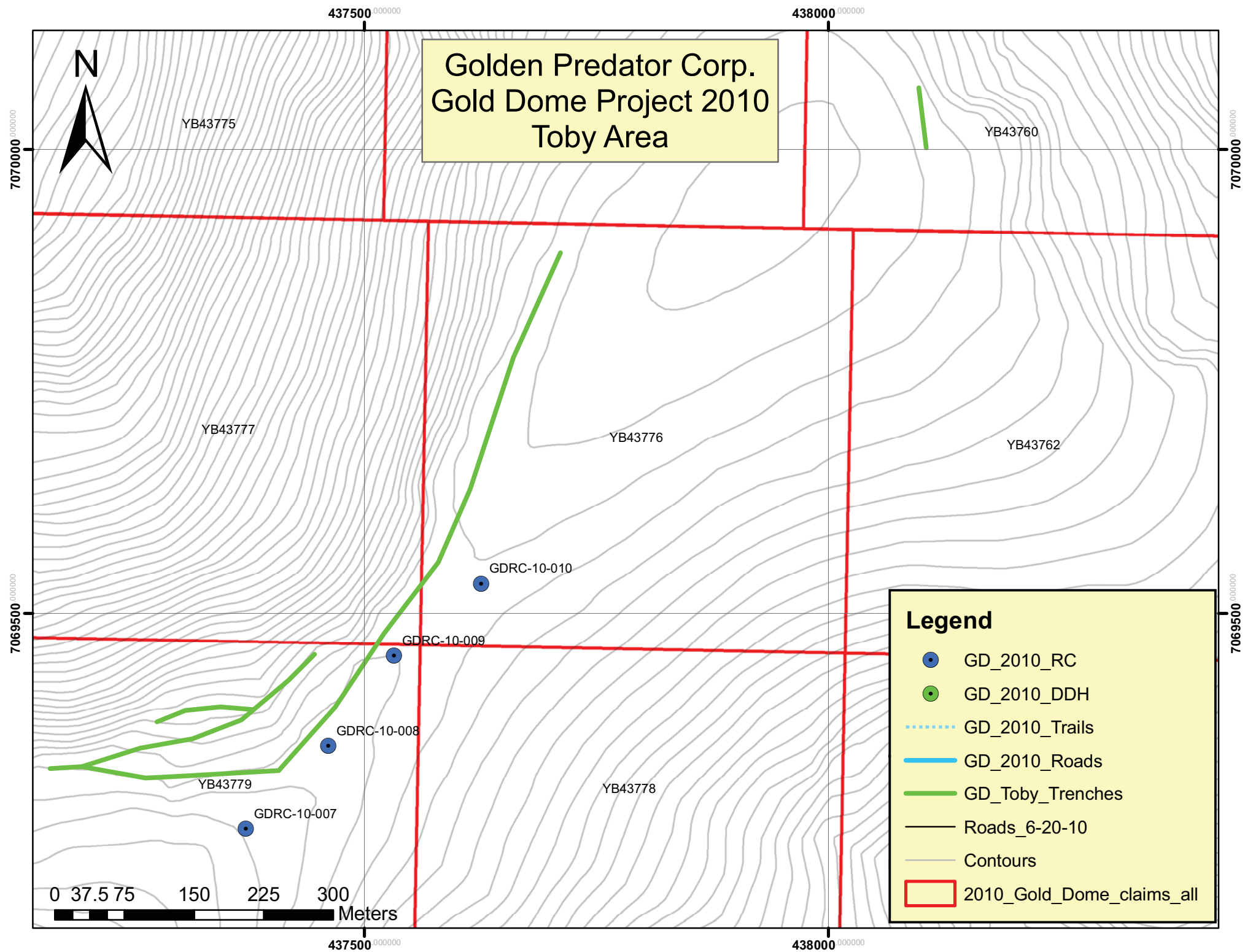






Golden Predator Corp. Gold Dome Project 2010 Tom Area





Project Gold Dome (Sheelite) - Yukon

Area Tom

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-018

Length (m) 274.32

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 02/07/2010

Date Finished 03/07/2010

Other Hole name AUD-004-Tom

Cassing Pulled Yes

Cassing (m) 12.19

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Lauren Blackburn

Target

Log Date 22/07/2010

Hole Comments logged by Lauren Blackburn; no drillhole surveys; survey tools: GPS and compass

Collar survey Date

Survey By Joanna Hodge

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,639.78	7,071,392.50	1,118.10	308.00	-60.00
Preferred	UTM83-8	437,639.78	7,071,392.50	1,118.10	308.00	
Local	LOCL_AuDom	4,265.47	7,603.32	1,118.10	353.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10107090	21/08/2010	12.19	83.65	0
ALS	QC-OK	WH10107092	21/08/2010	83.65	146.50	0
ALS	QC-OK	WH10114705	30/08/2010	146.50	212.50	0
ALS	QC-OK	WH10118962	14/09/2010	212.50	273.71	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I038773	55.65	57.65	2-FDU	0	0.00	1.94	WH10107090
I038799	103.65	105.65	2-FDU	0	0.01	2.29	WH10107092
I038832	162.50	164.50	2-FDU	0	0.06	2.13	WH10114705
I038870	232.50	234.50	2-FDU	0	0.04	1.48	WH10118962
I038787			Blk	0	0.00	0.24	WH10107092
I038822			Blk	0	0.00	0.21	WH10107092
I038858			Blk	0	0.00	0.22	WH10114705
I038893			Blk	0	0.00	0.26	WH10118962
I038878			SRM_GS10C	0	10.15	0.07	WH10118962
I038770			SRM_NSS	0	-999.00	0.05	WH10107090
I038807			SRM_OR-15h	0	1.01	0.08	WH10107092
I038846			SRM_OR-16b	0	2.28	0.08	WH10114705

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
28	23	18	87	0	20	24	0	0

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator

Program 2010

Logger Lauren Blackbu

Hole name GDDH-10-018

Length (m) 274.32

Log Date 22/07/2010

Assays				
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)
	No Data			
12.19				
	I038751	0.005	0.2	65
15.19				

Hole name	GDDH-10-018
Length (m)	274.32
Log Date	22/07/2010

Hole name	GDDH-10-018
Length (m)	274.32
Log Date	22/07/2010

Hole name	GDDH-10-018
Length (m)	274.32
Log Date	22/07/2010

Golden Predator
Program 2010
Logger Lauren Blackburn

[illegible]

Hole name	GDDH-10-018
Length (m)	274.32
Log Date	22/07/2010

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator

Program 2010

Logger Lauren Blackbu

Hole name GDDH-10-018

Length (m) 274.32

Log Date 22/07/2010

[illegible]

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name	GDDH-10-018
Length (m)	274.32
Log Date	22/07/2010

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Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name	GDDH-10-018
Length (m)	274.32
Log Date	22/07/2010

[illegible]

Hole name	GDDH-10-018
Length (m)	274.32
Log Date	22/07/2010

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Length (m)	274.32
Log Date	22/07/2010

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Log Date	22/07/2010

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator

Program 2010

Logger Lauren Blackbu

Hole name GDDH-10-018

Length (m)	274.32

Log Date 22/07/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
	I038886	0.624	5	8820	262.85	Xqp			SI	4	PER					0.5	VN					
	I038887	0.044	0.1	132																		
	I038888	0.072	0.2	238																		
	I038889	0.127	0.1	79																		
	I038890	0.024	0.1	77																		
	I038891	0.028	0.1	77																		
	I038892	0.021	0.1	850																		
	No Data																					
274.32					274.32			274.32														

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-018
Length (m) 274.32
Log Date 22/07/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	12.19	CAS	0	Casing.
12.19	21.21	Xqp	0	95% Xpq, 5% Xh (from 20.29-20.75m)
21.21	23.54	Xqp	0	Xh is folded and crenulated locally.
23.54	28.14	Xqp	0	95% Xpq with 5% Xh from 26.59-27.26.
28.14	40.57	Xqp	0	Xh; Locally more competent and folded and crenulated.
40.57	43.60	Xqp	0	Xc; Grey-black coloured fault gouge.
43.60	48.47	Xqp	0	Xh; Locally folded and crenulated.
48.47	48.57	Xqp	0	Xc; Incompetent fault gouge.
48.57	55.00	Xqp	0	80% Xh and 20% Xk-dg (diopside, garnet).
55.00	55.80	Xqp	0	Xh
55.80	87.52	Xqp	0	Locally less competent (broken), folded and crenulated. 75% Xh and 25% Xk-dg (diopside-garnet).
87.52	87.65	Xqp	0	Xh; Fault gouge.
87.65	110.69	Xqp	0	Locally folded. 60% Xh and 40% Xk- diopside-chlorite.
110.69	111.00	Xqp	0	Xh; Fault gouged hornfels, no primary structures evident.
111.00	160.31	Xqp	0	55% Xh and 45% Xk-diopside-biotite. Locally folded Xh.
160.31	160.68	VNq	0	Locally folded Xh.
160.68	207.40	Xqp	0	35% Hornfels and 65% skarn with biotite, diopside and chlorite. Hornfels is locally folded.
207.40	207.97	VNq	0	Massive quartz vein.
207.97	214.81	Xqp	0	90% skarn with biotite, chlorite and amphibole. 10% unknown rock type-- possible incorporated early intrusion or coarser-grained meta-sediment? Looks more like an incorporated intrusion.
214.81	214.93	GG	0	Xk; Small section of gouge.
214.93	224.45	Xqp	0	Xk;
224.45	225.86	Xqp	0	Xk;
225.86	241.67	Xqp	0	45% Hornfels and 55% skarn.
241.67	248.59	Xqp	0	Sheeted vein zone with intense mineralization (apy and Ag-sulphosalts).
248.59	248.89	Xqp	0	Xk;
248.89	251.62	Xqp	0	Xkb+c+a; Biotite-amphibole-chlorite skarn.
251.62	256.34	Xqp	0	Xkb+c+a; Biotite-amphibole-chlorite skarn with small section of possible incorporated intrusion or coarser-grained sediment? Likely the former.
256.34	274.32	Xqp	0	Xkb+c+a; Amphibole-biotite-chlorite skarn, competent. EOH.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-018
Length (m) 274.32
Log Date 22/07/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
55.00	87.52	SI	0	Local alteration variation for CM from trace to weak.
160.68	207.40	SI	0	Alteration 5 (Kao) present from 207.2 - 207.4m (bleached rock).

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
241.67	248.59	PY	0	Sheeted vein zone starts out with some pyr +/- cpy mineralization and then goes into massive Apy and Ag-sulphosalt mineralization associated with the margins of early qtz veins.

VEINS

mFrom	mTo	Vein1	Relog	Comments
12.19	21.21	QZ	0	Veins 3 and 4 for lith 2 (hornfels).
23.54	28.14	QZ	0	Veining in lith 2 (hornfels from 26.59-27.26m).
241.67	248.59	QZ	0	Two sets of massive qtz veins- the first mineralized and the second unmineralized and cross cutting at an oblique angle.

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
12.09	21.21	FOL	0	Over 12.09 - 21.21m. Lower contact at 21.21m.

Project Gold Dome (Sheelite) - Yukon

Area Tom

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-019

Length (m) 268.22

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 07/07/2010

Date Finished 11/07/2010

Other Hole name AUD-030-TOM

Cassing Pulled Yes

Cassing (m) 5.1

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Karin Fecova

Target

Log Date 02/08/2010

Hole Comments logged by Karin Fecova down to 171.48m; logged Lauren Blackburn from 171.48m-EOH; survey tools: GPS and compass

Collar survey Date

Survey By Joanna Hodge

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,727.00	7,071,447.00	1,173.38	305.00	-65.00
Preferred	UTM83-8	437,727.00	7,071,447.00	1,173.38	305.00	
Local	LOCL_AuDom	4,365.68	7,580.18	1,173.38	350.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks
EZ Shot	30.00	-59.20	311.35		311.35	288.10	5,790.00	correction factor=magnetic declination used 23 deg 25 min; time: 7:32am; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip: 251.5; temperature: 13.9 deg of Celsius
EZ Shot	134.00	-57.30	316.75		316.75	293.50	5,775.00	correction factor=magnetic declination used 23 deg 25 min; time: 8:05am; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip: 344.2; temperature: 13.5 deg of Celsius

EZ Shot	268.00	-56.30	321.65		321.65	298.40	5,786.00	correction factor=magnetic declination used 23 deg 25 min; time: 7:32am; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip: 253.3; temperature: 12.9 deg of Celsius

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10130437	02/10/2010	56.26	118.83	0
ALS	QC-OK	TR10131461	01/10/2010	169.79	232.80	0
ALS	QC-OK	TR10131462	02/10/2010	118.83	169.79	0
ALS	QC-OK	TR10131463	02/10/2010	232.80	268.22	0
ALS	QC-OK	WH10118962	14/09/2010	6.10	7.70	0
ALS	QC-OK	WH10123348	14/09/2010	7.70	56.26	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I038906	250.80	252.80	2-FDU	0	0.01	1.95	TR10131463
I071323	193.40	195.40	2-FDU	0	0.00	2.45	TR10131461
I071375	41.48	42.42	2-FDU	0	0.00	1.20	WH10123348
I071392	61.96	64.21	2-FDU	0	0.04	2.26	TR10130437
I071424	117.03	118.83	2-FDU	0	0.00	1.16	TR10131462
I038912			Blk	0	0.00	0.51	TR10131463
I071301			Blk	0	0.00	0.52	TR10131462
I071335			Blk	0	0.01	0.53	TR10131461
I071384			Blk	0	0.00	1.58	WH10123348
I071410			Blk	0	0.00	0.32	TR10130437
I071357			SRM_OR-15h	0	1.00	0.08	WH10123348
I071429			SRM_OR-15h	0	1.05	0.10	TR10131462
I038903			SRM_OR-16b	0	2.28	0.10	TR10131463
I071332			SRM_OR-16b	0	2.28	0.10	TR10131461
I071401			SRM_OR-16b	0	2.21	0.10	TR10130437

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
59	70	64	87	0	21	42	0	0

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDDH-10-019

Length (m)	268.22

Log Date 02/08/2010

Assays					Litho			Alteration				Mineralization																
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur						
No Data					CAS			No Data				No Data																
6.10					6.10			6.10				6.70																
I071351	0.0025	0.1	33	Xqp				TCL	6	PER		No Data																
7.70																												
I071352	0.0025																			8.80								
9.00					9.00							8.90	No Data															
I071353	0.008			Xqp	10.32							9.65	No Data															
10.94				Xqp				12.00				10.70	No Data															
I071354	0.006							12.50	FEO	4	PER	12.38	No Data															
13.29												13.00	No Data															
I071355	0.0025											15.02	No Data															
15.59												15.95	No Data															
16.22	I071356	0.0025			Xqp							16.46	1.5	VN														
I071358	0.009																											
17.30																												
18.00					18.00			18.10				18.10	No Data															

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-019
Length (m) 268.22
Log Date 02/08/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite				
													%	occur	%	occur	%	occur	%	occur	%	occur			
19.30	I071359	0.008			21.00	Xq		18.50	No Data																
20.40	I071360	0.007					20.00	No Data																	
23.14	I071361	0.0025					TCL	6	PER	21.44	No Data														
			23.00	Xqp	22.00	21.56 No Data																			
					SI	6	PER	22.30	22.30 No Data																
24.78	I071362	0.011			27.20	Xq	24.00	0.5 LITH 1.5 VN																	
25.74	I071363	0.0025					24.50	SI	6	PER	24.78														
27.35	I071364	0.006					25.50	SI	6	PER	25.49														
			26.00	FEO			6	PER																	
28.33	I071365	0.006			28.70	Xq	27.00																		
29.47	I071366	0.0025					27.50	FEO	4	PER	27.43														
			I071367	0.005					28.00	SI	6	PER	28.30	No Data											
30.40	I071367	0.005			31.87	Xp	28.50	SI	6	PER															
31.94	I071368	0.389					FEO	5	PER	29.47															
			I071369	0.078			29.50	SI	6	PER	29.87	1.5	VN												
34.70							30.50	TLC	6	PER															
							31.50	SI	5	PER															
								TCL	6	PER															
												No Data													

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDDH-10-019
Length (m)	268.22
Log Date	02/08/2010

Assays					Litho			Alteration				Mineralization																			
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur									
	I071370	0.022			37.20	Xqp		37.00	SI	6	PER	39.50																			
	I071371	0.0025						38.00	TCL	6	PER																				
	I071372	0.005						39.30	SI	6	PER																				
40.76					40.70	Xq		40.20																							
41.48	I071373	0.007			41.42	Xqp		41.00	TCL	6	PER																				
42.42	I071374	0.0025			42.30	Xq		42.00	SI	6	PER																				
43.07	I071376	0.008			47.30	Xqp		43.00	TCL	6	PER																				
44.07	I071377	0.008					43.50	FEO	6	PER																					
							44.50	TCL	6	PER																					
45.50	I071378	0.0025					45.00	TCL	4	PER																					
46.10	I071379	0.021					48.00																								
47.00	I071380	0.0025				TCL			6	PER																					
48.55	I071381	0.007			49.00			48.00	FEO	5	PER																				
								TCL	5	PER																					
49.90	I071382	0.0025																													
					53.00	Xq	Xqp															50.05									
51.82	I071383	0.0025																										50.35			
52.95	I071385	0.0025																													
									SI	6	PER		No Data																		

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDDH-10-019
Length (m)	268.22
Log Date	02/08/2010

[illegible]

Hole name	GDDH-10-019
Length (m)	268.22
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Hole name	GDDH-10-019
Length (m)	268.22
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Golden Predator
Program 2010
Logger Karin Fecova

Log Date 02/08/2010

[illegible]

Hole name	GDDH-10-019
Length (m)	268.22
Log Date	02/08/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
156.19	I071449	0.01	0.1	105	156.50	Xqp			TCL	5	PER	No Data									
158.50	I071450	0.005	0.1	92																	
160.97	I071302	0.136	0.2	538																	
162.93	I071303	0.0025	0.1	40																	
164.18	I071304	0.015	0.1	22																	
164.59	I071305	0.127	0.1	1390																	
165.55	I071306	0.016	0.1	188	164.60	Xqp						166.85									
166.62	I071307	0.007	0.2	34																	
167.64	I071308	0.006	0.1	110																	
169.79	I071309	0.008	0.2	289																	
171.41	I071310	0.006	0.1	112																	
171.48					171.41			171.48	No Data			171.48	No Data								

Hole name	GDDH-10-019
Length (m)	268.22
Log Date	02/08/2010

Hole name	GDDH-10-019
Length (m)	268.22
Log Date	02/08/2010

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-019
Length (m) 268.22
Log Date 02/08/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
	I071330	0.017	0.1	406					No Data													
208.00					208.00			208.00				208.00										
	I071331	0.035	0.1	751																		
209.10																						
	I071333	0.008	0.1	66																		
211.00					Xqp				SI	5	PER		0.5	LITH								
	I071334	0.0025	0.1	20																		
212.80					212.80			212.80				212.80										
	I071336	0.0025	0.1	48																		
214.80																						
	I071337	0.009	0.1	48																		
216.80																						
	I071338	0.008	0.1	104					SI	5	PER											
218.80																						
	I071339	0.015	0.1	582																		
220.80																						
	I071340	0.009	0.1	50																		
222.80																						
								223.34														
								223.68	TLC	4	PER											

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDDH-10-019
Length (m)	268.22
Log Date	02/08/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDDH-10-019
Length (m)	268.22
Log Date	02/08/2010

[illegible]

Hole name	GDDH-10-019
Length (m)	268.22
Log Date	02/08/2010

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-019
Length (m) 268.22
Log Date 02/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	6.10	CAS	0	logged by Karin Fecova down to 171.48m;
6.10	9.00	Xqp	0	Quartzose phyllite, silicified; quartz grains:350-500 microns (medium grained sandstone);
9.00	10.32	Xqp	0	phyllitic quartzite: ~20 cm of the beginning of the interval contains ~5% , ~1 mm white quat z grains subparallelly aligned (weakly foliated); ~ 50 cm at the end of the interval is phyllitic quartzite
10.32	18.00	Xqp	0	quartzose phyllite with ~ 2, ~ 40 cm wide intervals of quartzite; multiple intervals of phyllite contain ~20%, ~ 0.5 m black,mioneral-very likely hornblende (based on observations of phyllite with well developed hornblende that come from the area) ;
18.00	21.00	Xq	0	silicified quartzite contains a fewhort intervals of phyllite laminae;
21.00	23.00	Xqp	0	phyllitic quartzite
23.00	27.20	Xq	0	Silicified,quartzite with minor intervals of quartzose phyllite;
27.20	28.70	Xq	0	silicified quartzite with initial ~40 cm wide interval of gritty quartzite with ~10%, ~ 1mm white-bluish quartz grains subll aligned w foliation
28.70	29.50	Xp	0	Phyllite contains ~50 cm wide interval of massive quartz veins.
29.50	30.50	Xq	0	Skarned quartzite; it appears that grains are reacting with HCl, but it is also possible that the rock is densely microfractured and fractures are filled with calcite; if that's the case, is it still a skarn?
30.50	31.87	Xqp	0	densely fractured quartzose phyllite; one ~3 cm wide gouge interval within the unit; fractures are filled with white fg quartz-feldspar;
31.87	39.30	Xqp	0	quartzose phyllite, broken core; some subintervals at cm scale are phyllite alternating with quartzite; otherwise finely laminated phyllite and quartzite; one ~2 cm wide gouge within the unit;
39.30	40.70	Xq	0	gritty quartzite with ~20% , ~ 1-2mm white-bluish quartz grains subll with foliation;
40.70	41.42	Xqp	0	quartzose phyllite
41.42	42.30	Xq	0	gritty quartzite, often texture oblitarated by deformed veins; sometimes an appearance of churn up sediment and brecciation; ~30% quarzt grains are 1-2 mm, white-bluish,in the <1mm quartz grains matrix
42.30	47.30	Xqp	0	quartzose phyllite; mostly competent core with 42.7-44.7m of broken core; ~43.7 m and 45.4m ~3 cm wide gault breccia with gouge;
47.30	53.00	Xq	0	dominantly silicified quartzite with subinterval of phyllite/quartzose phyllite from 47.3-47.8m, subintervals of churnup, mottled appearance at 48.8-48.9 m, from 50-53 m; gritty (quartz eyes) subintervals at 48.5-48.7m, 49--50.1m; wherever churn up/mottl
53.00	58.40	Xqp	0	phyllitic quartzite with thin, ~ few mm phyllite laminae at 0.5-2 cm spacing; it appears to be hornfelses at 52.9-53.9 (pic 0559); ~3 cm wide fault breccia intervals at 55 and 55.6 m;
58.40	61.92	Xqp	0	silicified mottled phyllitic quartzite;with very rare phyllite laminae; mottled intervals at 58.5-59.6m; 60-60.6m;

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-019
Length (m) 268.22
Log Date 02/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
61.92	69.60	Xq	0	dominantly silicified quartzite with a few subintervals of phyllitic quartzite with occasional phyllite laminae; 64.2-64.7m: appearance suggested presence of hornfels (greenish-pinkish);- hornfelsed phyllitic quartzite;
69.60	73.15	GG	0	a fault zone with dominant gouge of phyllitic quartzite microfractured unit, fractures filled with calcite
73.15	75.30	Xqp	0	skarned quartzose phyllite with calcite in microfractures/fractures/veins; is it really a skarn?
75.30	76.50	Xqp	0	quartzose phyllite with dense fracture network filled with calcite (a skarn?)
76.50	89.80	Xqp	0	Skarned (greenish-pinkish) quartzose phyllite with occasional intervals of quartzite at 79.8-80m, 83.6-83.8m, 91.4-91.5; this unit contains subinterval of mineralized vein breccia at 82.45-82.95m;
89.80	91.40	Xqp	0	Skarned quartzose phyllite with mineralized subinterval of pyrrhotite blebs in quartzite subunit at 90.9-91m;
91.40	92.51	Xqp	0	Skarned (greenish-pinkish) quartzose phyllite and phyllitic quartzite
92.51	94.49	Xqp	0	Skarned quartzose phyllite, minerals: fine grained pinkish garnet(?) 1 mm black biotite, quartz, chlorite-sericite; quartzite laminae within phyllite laminae
94.49	96.30	Xqp	0	Skarned phyllitic quartzite intercalated w quartzose phyllite; minerals: fmg muscovite (along foliation), biotite, garnet(?) , quartz; dominant are intervals with GRL quartzite that has diffuse 0.5 mm banding associated with sericite alteration (some of th
96.30	97.20	Xqp	0	Skarned quartzose phyllite with garnet(?) -diopside; 97-97.2m: sericite bands dominant; po in microfractures
97.20	100.58	Xqp	0	Skarned (garnet(?) -diopside) phyllitic quartzite with abundant veins and strong silicification; silicification caused by multiple VFOL hosting mineralization, dominantly po and sericite-chlorite alteration.
100.58	101.49	Xqp	0	Skarned (garnet(?) -diopside) quartzose phyllite with a few sericitic light green, ~1 cm alteration bands sub ll foliation and phyllite laminae
101.49	102.30	Xqp	0	Skarned (garnet?) quartzite with minor intercalated phyllite; quartzite is folded, wavy, weakly foliated with dominant sericite light green alteration in contrast with dark grey chloritized phyllite;
102.30	110.00	Xqp	0	Skarned (garnet?) quartzose phyllite with occasional VFOL distributed roughly at 10 cm scale
110.00	112.48	Xqp	0	Hornfelsed phyllitic quartzite with dominant quartzite with rare mm thick phyllite laminae; slightly gritty over a short interval; with two sets of MFOL
112.48	114.80	Xq	0	Silicified quartzite with two short, ~ 30 cm intervals (in the first half of the interval) skarned (garnet?) and silicified quartzose phyllite; abundant deformed quartz lenses, VFOL, blebs
114.80	117.87	Xq	0	Slightly skarned (slightly pinkish(garnet?)) silicified, slightly gritty quartzite w ~3% of white, 2 mm, round quartz eyes; silicified by abundant deformed quartz blebs, lenses and VFOL in the first half of the interval

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-019
Length (m) 268.22
Log Date 02/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
117.87	121.45	Xp	0	Skarned (garnet?)quartzose phyllite with ~60 cm subinterval of quartzite (slightly gritty and silicified) from 118.87-119.47m; sericite alteration overprinting skarn, within bands; VFOL concentrated over 20 cm at the beginning of the interval
121.45	122.67	Xq	0	silicified quartzite with minor phyllite laminae; slightly gritty w ~3% white. 1-2 mm rounded quartz grains, slightly skarned, especuially in subintervals of quartzose phyllite
122.67	126.60	Xqp	0	skarned (garnet?)quartzose phyllite with 30% of VFOL and MFOL, deformed white quartz; at 123.9m: appears as vein breccia subinterval ~ 70 cm wide and again ~ 70 cm from the end of the interval, this deformed subintevals appear abundant in quartz and seric
126.60	129.30	Xqp	0	silicified phyllitic quartzite with 1 mm thin phyllite laminae spaced at cm scale;sericite alteration prominent
129.30	131.75	Xqp	0	skarned (garnet?)quartzose phyllite with occasional deformed VFOL
131.75	134.80	Xqp	0	skarned (garnet?)phyllitic quartzite with ~ 1m wide sericitized interva from 134m; common VFL;
134.80	136.80	Xqp	0	skarned (garnet?)quartzose phyllite with rare VFOL
136.80	150.00	Xqp	0	skarned (garnet?)phyllitic quartzite with subintervals of quartzose phyllite, gritty quartzite and silicified quartzite; quartzose pohyllite at 137.2-137.4m, 138-138.3m, 142.7-143.3m, 144-145m, 149-150m; gritty quartzite at 140.3-140.4m, 145.7-145.8m, 146
150.00	156.50	Xq	0	skarned sericitized quartzite, softer, broken up, with subinterval of skarned ansd sericitized quartzose phyllite at 152.4-155m
156.50	164.10	Xqp	0	skarned (garnet?)quartzose phyllite with rare VFOL with subinterval od sericitized phyllitic quartzite w abundant VFOL and MFOL at 161-161.54m
164.10	164.60	Xqp	0	soft, brecciated, phyllitic quartzite w narrow seams of gouge with aboundaaant VFOL and MFOL
164.60	171.41	Xqp	0	skarned (garnet?)phyllitic quartzite with subintervals of quartzose phyllite at 167.2-167.3m, 168.4-168.7m, 170.6-171.4m; this last subinterval shows 1 mm whitish mineral overprinitng deformation, randomly oriented, overprinting skarn?, or part of skarn?,
171.41	195.94	Xqp	0	logged by Lauren Blackburn from 171.48m; Xk**Large section of competant skarn with intense pervasive Si and weak to moderate tlc + chl + ser alteration. Short sections of > intense chl + tlc + ser alteration. Foliation throughout is wavy and locally folded. 95% Xk** and 5% Xh.
195.94	196.24	GG	0	Xk**; Small gouge section with intense chl + ser + tlc alteration. Abundant qtz stringers and veins.
196.24	208.00	Xqp	0	Xk**; Section of competant skarn with intense pervasive Si and weak to moderate tlc + chl + ser alteration. 90% Xk** and 10% Xh. Foliation througout is wavy and locally folded.
208.00	212.80	Xqp	0	Xk**; Massive-appearing, mottled and gritty skarnified meta sediment that is coarser grained, matrix supported and siliceous. 90% Xk** and 10% Xh.

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-019
Length (m) 268.22
Log Date 02/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
212.80	248.74	Xqp	0	85% Xk** and 15% Xh. Section starts out with small (non-mappable) interval of hornfels and relatively sharply grades into typical Xk** that is maroon-green (light) +/- grey in colour with sections of more intensely altered chl + tlc + ser alteration and h
248.74	251.01	Xqp	0	Xk**; Small section of incorporated coarser grained sediment. Siliceous. Bottom contact is intensely chlorite-altered. 90% skarnified c-g sediment and 10% more typical skarn.
251.01	252.78	Xqp	0	Xk**; Back into competent skarn with well developed foliation.
252.78	253.66	Xqp	0	Xk**; Small section of coarse grained skarnified sediment. Siliceous.
253.66	260.91	Xqp	0	Xk**; Back into typical, competent, nicely foliated Xk** with small 5cm section of gouge at ~255m.
260.91	263.90	Xqp	0	Xk**; Small section of coarse grained skarnified siliceous sediment. Mostly competent, locally broken. Relatively abundant calcite veining.
263.90	268.22	Xqp	0	Typical competent Xk** with small sections of local spotted texture. Small interval at around 267m with intense chlorite alteration. EOH at 268.22m.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
6.10	12.00	TCL	0	logged by Karin Fecova down to 171.48m;
12.50	20.00	SI	0	patchy alteration: in form of rusty haloes around fresh lenses of quartzite (dirty sandstone) at 15.50m (pic 0569)
171.48	178.21	SI	0	logged by Lauren Blackburn from 171.48m

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
6.70	6.72	PYCP	0	logged by Karin Fecova down to 171.48m; MIN 1 hosted by quartzite lens (dirty sandstone) within quartzose phyllite; lens is 2 cm long, 1 cm wide
8.80	8.81	PYCP	0	min 1: rare oxidized sulphides (py+cpy) hosted by vein 1
8.90	8.91	PYCP	0	min 1: rare oxidized sulphides (py+cpy) hosted by vein 1
9.65	9.66	PY	0	min 1 hosted by quartzite, in form of 2 mm isolated aggregates along fracture x-cutting foliation, with rusty alteration halo
10.10	10.20	SUL	0	min 1 in deformed, folded quartz vein (VFOL), oxidized and rusty (py)
10.70	10.71	SUL	0	min 1 hosted in fractures x-cutting foliation in quartzose phyllite, in form of isolated aggregates,, rusty
12.38	12.40	SUL	0	min 1 hosted by quartz lens, rusty, py? (VFOL)

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-019
Length (m) 268.22
Log Date 02/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
13.00	13.01	SUL	0	min 1 hosted by quartz lens, rusty, py? (VFOL)
15.02	15.03	SUL	0	min 1 hosted by quartz lens, rusty, py? (VFOL)
15.95	16.46	PY	0	min 1 hosted in multiple quartz lenses (VFOL)
18.10	18.15	PY	0	min 1 py or oxidized sulphides hosted in quartz lenses (VFOL)
18.50	18.52	SUL	0	min 1 hosted in VFOL
18.70	18.71	SUL	0	min 1 hosted in VN
19.10	19.20	PY	0	min 1 hosted in (VN)
19.20	19.21	PO	0	min 1 concentrated in rusty alteration patches subll with foliation in silicified quartzite
19.50	19.52	PO	0	min 1 concentrated in rusty alteration patches subll with foliation in silicified quartzite
19.80	19.82	PY	0	min 1 hosted in VFOL
21.44	21.45	SUL	0	min 1 hosted in fractures subll with foliation in quartzose phyllite; rusty-py?
21.56	21.57	SUL	0	min 1 hosted in VFOL
22.30	22.50	PY	0	min 1 hosted in VN
23.14	24.78	AS	0	mineralization (aspy> py) occuring in brecciated silicified quartzite, brecciated by multiple white quartz veins, both VFOL and VN; min1 associated with veining and fractures;; hairline fractuers are filled with black fg mineral-tourmaline? Pronouncng th
24.78	25.49	SUL	0	min 1 in form of oxidized sulphides (py?-rusty cubes) hosted by ~nine 2 mm-10 mm wide VFOL
25.50	27.43	ASPY	0	min 1 localized in fractures and microfractures of silicified quartzite and quartz VN and VFOL
28.30	28.31	PO	0	min 1 in fom of blebs concentrated subll to foliation in hosting silicified quartzite
28.31	29.47	SUL	0	min 1 in form of rare oxidized sulphides (py-rusty) in hosting silicified quartzite
29.47	29.87	PY	0	min 1 hosted by massive VFOL
39.50	39.55	PO	0	min 1 hosted by gritty quartzite
39.55	50.05	SUL	0	min 1 and 2 in form of oxidized rusty sulphides (py?) hosted by quartz VFOL, VN and fractures
50.05	50.35	SUL	0	min 1 (rusty-py?) hosted by massive quartz VFOL
53.64	53.74	PYPO	0	min 1 in form of fresh po and py in clusters hosted by silicified/hornfelsed phyllitic quartzite
53.74	58.85	SUL	0	min 1 in form of oxidized (rusty-py?) sulphides in quartz VFOL and VN
58.85	58.86	AS	0	min 1 hosted by quartz VFOL; min 2 hosted by silicified mottled quartzite occurs very close to min 1
58.86	61.92	SUL	0	min 1 hosted by VFOL and VN
61.92	62.10	SUL	0	min 1 in form of rusty (py?) oxidized sulphides in massive quartz MFOL
62.10	66.00	AS	0	min 1 and 2 occur along quartz VN and fractures x-cutting foliation
66.00	75.60	SUL	0	min 1 in form of oxidized sulphides (py?) in quartz-cc VFOL and VN
75.60	76.10	AS	0	min 1 in quartz-cc VFOL
76.10	76.60	SUL	0	min 1 in form of oxidized sulphides hosted by VFOL, VN and fractures
76.60	76.70	PO	0	min 1 in form of fresh po in quartz VFOL, deformed lenses

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-019
Length (m) 268.22
Log Date 02/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
78.70	78.71	PO	0	min 1 in form of fresh po in quartz VFOL
79.32	82.50	PO	0	all sulphides tend to be located within quartz VFOL lenses; min 1 occurs also in VN and fractures x-cutting foliation
82.50	83.20	PY	0	mineralization occurs in massive vein breccia+alteration (green-chlorite) zone
83.20	88.90	PO	0	min 1 hosted by multiple quartz VFOL hosted by hornfelsed quartzose phyllite (pic 0571)
88.90	90.70	ASPY	0	mineralization occurs in quartz VFOL lenses; VFOL veins seem to be fed by quartz VN and fractures with bleached out envelopes (~0.5 cm wide) and they also contain aggregates of sulphides
90.70	90.80	POCP	0	min 1: fresh pocp blebs hosted by short interval of quartzite within the skarned quartzose phyllite (pic 0572)
90.80	92.51	POCP	0	min 1 in form of fresh pocp in quartz VFOL blebs and lenses
171.48	195.94	ASPY	0	logged by Lauren Blackburn from 171.48m

VEINS

mFrom	mTo	Vein1	Relog	Comments
6.10	9.00	QIS	0	logged by Karin Fecova down to 171.48m; vein 1: in the form of lenses, sometimes appear brecciated
10.32	18.00	QIS	0	vein 2: quartz veins with tourmaline string in the central part of the vein; @ 16.8m and 17.3m, their envelopes are bleached out, 1-2 mm wide, yellowish in colour, with occasional sulphide grain in quartz (pic 0560, 0561); vein 3: cc very likely crystallized in the vugs of vein 1
18.00	21.00	QIS	0	vein 1 type is brecciated which gives a brecciated rock+vein appearance; vein 2 is tourmaline 1 mm wide strings @ 19.75m, hosted by silicified quartzite, no association with quartz veining;
21.00	23.00	QIS	0	vein 2 tourmaline @ 21.54m
23.00	27.20	QIS	0	vein 2: tourmaline strings in quartz vein ~25.5 m and 27.03m
29.50	30.50	QIS	0	it is a set of massive quartz veins/lenses, often containig fragments of the host rock in corporated inbetween two veins; pic 0562: set of massive veins/lenses occuring over 50 cm hosted in phyllite
41.42	42.30	QZ	0	vein 2: calcite filling vugs in quartz vein/lens subll with foliation, deformed, vuggy
47.30	53.00	QIS	0	vein 4: calcite fills fractures and vugs in quartz veins subii with foliation that are often deformed: folded or dismembered, in form of lenses or blebs
76.50	89.80	QIS	0	vein 2 appears as vein breccia, hosting strongly altered rock fragments, mineralized
89.80	91.40	QIS	0	vein 2
171.41	195.95	QZ	0	logged by Lauren Blackburn from 171.48m; Calcite+talc (?) veins= 2%, colour= WYE, vfg, hairline, extensional.
196.24	208.00	QZ	0	Calcite-talc veins (?)= 1%, colour=WYE, vfg, hairline, extensional.
208.00	212.80	QZ	0	Calcite-talc (?)= 1, colour= WYE, vfg, hairline, extensional.

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-019
Length (m) 268.22
Log Date 02/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
212.80	248.74	QZ	0	Calcite-talc= 2%. Colour= WYE, vfg, hair, extensional.
248.74	251.01	QZ	0	Calcite-talc (?)= 1%. Colour= WYE, vfg, hairline, extensional.

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
14.29	15.24	FOL	0	logged by Karin Fecova down to 171.48m; struc 1: foliation=bedding contact between alternating laminae and beds of phyllite/quartzite; alpha angle: 80 beta angle 68; struc 2: quartz veins/lenses (VFOL), they can be subll with foliation=bedding or deformed=folded the way that the fold axis is subll to foliation=bedding, in this case fold axis is identical with struc 1 and limbs of folded veins are recorded in struc 2: alpha angle 55, beta angle 10, (NOTE: alpha, beta, gamma windows display values for struc 1); no gamma angle measured because of no lines in plane
23.60	24.38	FOL	0	struc 1 is foliation=bedding in silicified quartzite and struc 2 are quartz veins/lenses sub" foliation; struc 3 are fractures that seem to contain aspy along them are subll to CA (alpha angle is 0, and gamma angle is between 0-5 degrees (angle between fracure line in a foliation=bedding plane
33.43	33.53	FBED	0	struc 1: foliation=bedding contact between alternating laminae and beds of phyllite/quartzite; no gamma angle measured because of no lines in plane
49.51	49.77	FOL	0	struc 1 is foliation in gritty quartzite and alpha, beta windows display struc 1, beta angle of struc 1 varies between 140 to 155, so it was avaraged to 147;; struc 2 and struc 3 are quartz veins cutting the foliation; struc 2: alpha angle 20, beta angle 320 struc 3: alpha angle 50, beta angle 340 ; no gamma angle as there is no line in plane to measure
51.29	51.82	FOL	0	struc 1 is bedding=foliation, wavy, both alpha and beta angles are averaged angles; struc 2 and 3 are fold axis of deformed quartz veins/lenses; struc 2 alpha angle 20, beta angle 090 ; struc 3: alpha angle 65, beta angle 220; no gamma as there are no lines in a plane
59.41	60.01	FOL	0	struc 1 is foliation=bedding of silicified quarzite with fractures with aspy along expressed by gamma angles between 20 and 40
60.86	60.96	FOD	0	struc 1 is a fold axis of quartz vein/lens in silicified mottled quartzite
83.23	85.34	FOL	0	struc 1 is foliation=bedding=VFOL quartz veins/lenses; these quartz veins/lenses are as struc 2; pic 0573 shows crosscutting relationship between these VFOL quartz veins/lenses; the one that is wider is younger and cutting the another one; the younger one is pinching, the older one is continuous; both seem to be subll with foliations in hornfelses phyllitic quartzite; struc 3 is yonger undulating pinching quartz vein/lens with alpha 45 and beta 180 (VFOL2); the struc 2 are quartz veins subll with bedding=foliation (VFOL1); all quartz veins/lense are wavy; struc 1 varies: alpha 75, beta 140; struc 4 is fold axis that is subll with FOL

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-019
Length (m) 268.22
Log Date 02/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
87.79	88.39	FOL	0	struc 1 is foliation=bedding in hornfelsed quartzose phyllite; quartz veins/lenses are subll to foliation; struc 2 are quartz lense subll to FOL2, alpha is 35, beta angle is 0 or 360; no gamma
176.00	176.01	FOL	0	logged by Lauren Blackburn from 171.48m
177.56	177.57	VN	0	Qtz +/- cc vein.
178.00	178.01	VN	0	Qtz+/- cc vein.
195.80	195.81	VN	0	Qtz vein.
205.00	205.01	VN	0	Cc + tlc vein.
208.50	208.51	VN	0	Apy vein.
220.50	220.51	VN	0	Qtz vein.
241.00	241.01	VN	0	CC +/- qtz, tlc vein.

Project Gold Dome (Sheelite) - Yukon

Area Tom

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-020

Length (m) 237.74

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 11/07/2010

Date Finished 12/07/2010

Other Hole name AUD-007-Tom

Cassing Pulled Yes

Cassing (m) 9.14

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Lauren Blackburn

Target

Log Date 18/08/2010

Hole Comments logged by Lauren Blackburn; survey tools: GPS and compass

Collar survey Date

Survey By Joanna Hodge

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,821.56	7,071,770.00	1,308.35	305.00	-65.00
Preferred	UTM83-8	437,821.56	7,071,770.00	1,308.35	305.00	
Local	LOCL_AuDom	4,660.94	7,741.72	1,308.35	350.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks
EZ Shot	30.00	-64.20	306.35		306.35	283.10	5,754.00	correction factor=magnetic declination used 23 deg 25 min; pulled back: 6m; surveyed by Claude Brideau; roll(toolface) rel to dip: 322.3; temperature: 12.4 deg of Celsius
EZ Shot	137.00	-63.30	309.95		309.95	286.70	5,785.00	correction factor=magnetic declination used 23 deg 25 min; time: 9:06pm; pulled back: 6m; surveyed by Claude Brideau; roll(toolface) rel to dip: 88.9; temperature: 12.9 deg of Celsius

EZ Shot	237.00	-62.20	313.75		313.75	290.50	5,793.00	correction factor=magnetic declination used 23 deg 25 min; time: 8:26pm; pulled back: 6m; surveyed by Claude Brideau; roll(toolface) rel to dip: 153.1; temperature: 13.5 deg of Celsius

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10131216	02/10/2010	138.55	200.80	0
ALS	QC-OK	TR10131463	02/10/2010	200.80	228.30	0
ALS	QC-OK	TR10133323	04/10/2010	228.30	237.74	0
ALS	QC-OK	WH10124014	20/09/2010	9.14	79.50	0
ALS	QC-OK	WH10127642	26/09/2010	79.50	138.55	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I038932	41.85	43.85	2-FDU	0	0.01	2.36	WH10124014
I038980	126.95	128.95	2-FDU	0	0.03	2.51	WH10127642
I039003	165.30	167.30	2-FDU	0	0.01	2.30	TR10131216
I038943			Blk	0	0.00	1.99	WH10124014
I038962			Blk	0	0.00	0.75	WH10127642
I039018			Blk	0	0.01	0.47	TR10131216
I039033			Blk	0	0.00	0.61	TR10131463
I038950			SRM_GS10C	0	10.25	0.08	WH10124014
I038957			SRM_GS10C	0	9.59	0.05	WH10127642
I039014			SRM_GS10C	0	9.49	0.07	TR10131216
I038921			SRM_OR-15h	0	0.98	0.07	WH10124014
I038987			SRM_OR-16b	0	2.14	0.07	WH10127642

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
21	27	10	76	0	21	17	0	0

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator

Program 2010

Logger Lauren Blackbu

Hole name GDDH-10-020

Length (m) 237.74

Log Date 18/08/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
No Data					CAS			No Data														
9.14					9.14			9.14				No Data										
I038916 0.094 0.2 1330					Xqp			FEO 4 BAND														
12.02																						
I038917 0.045 0.6 1810																						
14.90					14.90			14.90														

Hole name	GDDH-10-020
Length (m)	237.74
Log Date	18/08/2010

Hole name	GDDH-10-020
Length (m)	237.74
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[illegible]

Hole name	GDDH-10-020
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Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator

Program 2010

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Hole name GDDH-10-020

Length (m) 237.74

Log Date 18/08/2010

[illegible]

Golden Predator
Program 2010
Logger Lauren Blackburn

Log Date 18/08/2010

Assays					
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	
84.60	I038954	0.875	0.1	3560	
86.15	I038955	0.015	0.1	55	
87.75	I038956	7.75	0.6	3480	
89.75	I038958	0.693	0.1	105	
91.80	I038959	0.094	0.1	864	
92.80	I038960	1.045	0.4	2750	
94.53	I038961	0.128	0.1	2470	
96.26	I038963	0.027	0.1	886	
98.00	I038964	0.012	0.1	63	
98.80	I038965	0.051	0.1	811	Xqp
99.85					Gls

Hole name	GDDH-10-020
Length (m)	237.74
Log Date	18/08/2010

Golden Predator
Program 2010
Logger Lauren Blackburn

[illegible]

Hole name	GDDH-10-020
Length (m)	237.74
Log Date	18/08/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
	I038995	0.0025	0.1	21	153.30														
	I038996	0.012	0.1	291															
	I038997	0.0025	0.1	59															
	I038998	0.013	0.1	76															
	I038999	0.016	0.1	287															
	I039000	0.006	0.1	28															
	I039001	0.012	0.1	367															
	I039002	0.006	0.1	23															
	I039004	0.007	0.1	74															

Hole name	GDDH-10-020
Length (m)	237.74
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Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
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Hole name GDDH-10-020
Length (m) 237.74
Log Date 18/08/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur		
	I039026	0.01	0.1	26		Xqp	Xq																
206.30																							
	I039027	0.094	0.4	319																			
208.30																							
	I039028	0.045	0.1	448																			
210.30																							
	I039029	0.226	0.1	544																			
212.30																							
	I039030	0.03	0.1	264																			
214.30																							
	I039031	0.011	0.1	21																			
216.30																							
	I039032	0.006	0.1	79									0.5	VN	0.5	LITH							
218.30																							
	I039034	0.015	0.1	144																			
220.30																							
	I039035	0.034	0.1	285					SI	5	PER												
222.30																							

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Lauren Blackbu

Hole name GDDH-10-020
Length (m) 237.74
Log Date 18/08/2010

Assays					Litho			Alteration				Mineralization											
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite		
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur	
	I039036	0.007	0.1	247																			
224.30																							
	I039037	0.01	0.1	436																			
226.30																							
	I039038	0.015	0.1	172																			
228.30																							
	I039039	0.016	0.1	262																			
230.30																							
	I039040	0.011	0.1	436																			
232.30																							
	I039041	0.011	0.2	282																			
234.30																							
	I039042	0.014	0.1	76																			
236.05																							
	I039043	0.024	0.2	238																			
237.74								237.32															
					237.74			237.74	SI	5	PER	237.74											

Project Gold Dome (Sheelite) - Yukon
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Program 2010
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Hole name GDDH-10-020
Length (m) 237.74
Log Date 18/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	9.14	CAS	0	logged by Lauren Blackburn
9.14	14.90	Xqp	0	Xpq-- broken up core. Relatively poor recovery. FeO alteration along bedding and fractures. Locally pervasive. No visible mineralization.
14.90	18.31	Xqp	0	70% brx Xpq (lith 1), 30% foliated Xpq (lith 2).
18.31	20.89	Xqp	0	Xpq
20.89	22.08	Xqp	0	Xh
22.08	27.67	Xqp	0	Xpq
27.67	36.10	Xqp	0	Xk**
36.10	37.85	VNq	0	VNq
37.85	50.31	Xq	0	Xk**cg (lith 2) from 47.00-50.31m.
50.31	50.71	Xqp	0	Xk**
50.71	98.80	Xqp	0	Lith 1= Xk**pq, Lith 2= 2%, Xk**cg.
98.80	98.90	Xqp	0	Xk**
98.90	99.54	Xqp	0	Xk**pq-- broken and oxidized.
99.54	99.64	GG	0	Xk**; Gouged and FeO altered Xk**pq.
99.64	119.37	Xqp	0	Lith 1= Xk**pq (98%) and lith 2= Xk**cg (2% from 111.85-112.23m).
119.37	120.85	Xqp	0	Lith 1= Xk**pq.
120.85	140.28	Xqp	0	Lith 1= Xk**pq (98.5%), lith 2= Xk**cg (1.5% from 126.81-127.38 & 128.33-128.50m).
140.28	140.40	Xqp	0	Xk**
140.40	179.50	Xqp	0	Lith 1= Xk**pq (93%), lith 2= Xk**cg (7% from 165.5-165.62, `67.47-167.77, 168.39-170.73m).
179.50	181.05	lp	0	AP
181.05	237.74	Xqp	0	Lith 1= Xk**pq (52%), lith 2= Xk**cg (48% from 186.56-187.05, 192.50-198.25, 200.05-200.58, 203.2-203.60, 205.20-206.30, 215.87-221.67 & 228.02-237.32m).

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
9.14	14.90	FEO	0	logged by Lauren Blackburn; FeO on EXT fractures
14.90	18.31	FEO	0	FeO on EXT fractures
20.89	22.08	FEO	0	FeO on EXT fractures
22.08	27.67	FEO	0	FeO on EXT fractures
50.71	66.45	FEO	0	FeO on EXT fractures
66.45	77.00	FEO	0	FeO on EXT fractures
77.00	92.80	FEO	0	FeO on EXT fractures

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Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-020
Length (m) 237.74
Log Date 18/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
98.90	99.54	FEO	0	FeO on EXT fractures
99.64	119.37	FEO	0	FeO on EXT fractures
119.37	120.85	FEO	0	FeO on EXT fractures
120.85	140.28	SI	0	FeO on EXT fractures

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
20.89	22.08	AS	0	logged by Lauren Blackburn

VEINS

mFrom	mTo	Vein1	Relog	Comments
9.14	14.90	HM	0	logged by Lauren Blackburn
50.71	98.80	QZ	0	VEIN 6= CC, 1, WYE, FG, VN
99.64	119.37	QZ	0	VEIN 6= CC, 1 WYE, FG, VN.
120.85	140.28	QZ	0	VEIN 6= CC, 1 WYE, FG, VN.
140.40	179.50	QZ	0	VEIN 6= QZ, <1%, WH, MG, EXT, VUG.
181.05	237.74	QZ	0	VEIN 6= C, 1%, WYE, VFG, VN.

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
125.70	125.71	FOD	0	FOLD HINGE AXIS.
128.40	128.41	FOD	0	FOLD HINGE AXIS.

Project Gold Dome (Sheelite) - Yukon

Area Hawthorne

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-021

Length (m) 277.37

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 13/07/2010

Date Finished 16/07/2010

Other Hole name AUD-009-Haw

Cassing Pulled Yes

Cassing (m) 12.19

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Lauren Blackburn

Target

Log Date 22/08/2010

Hole Comments logged by L. Blackburn; survey tools: GPS and compass

Collar survey Date

Survey By Karin Fecova

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	438,845.00	7,072,356.00	1,463.61	250.00	-50.00
Preferred	UTM83-8	438,845.00	7,072,356.00	1,463.61	250.00	
Local	LOCL_AuDom	5,798.98	7,432.40	1,463.61	295.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks
EZ Shot	30.00	-49.20	250.05		250.05	226.80	5,780.00	correction factor=magnetic declination used 23 deg 25 min; time: 6:30pm; pulled back: 6m; surveyed by Claude Brideau; roll(toolface) rel to dip: 0.3; temperature: 12.9 deg of Celsius
EZ Shot	137.00	-48.40	253.95		253.95	230.70	5,779.00	correction factor=magnetic declination used 23 deg 25 min; time: 6:05pm; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip: 277.2; temperature: 12.5 deg of Celsius

EZ Shot	277.00	-44.50	268.25		268.25	245.00	5,834.00	correction factor=magnetic declination used 23 deg 25 min; time: 5:20 pm; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip: 277.2; temperature: 11 deg of Celsius

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10131464	30/09/2010	0.00	81.65	0
ALS	QC-OK	TR10131465	02/10/2010	81.65	148.75	0
ALS	QC-OK	WH10134985	01/10/2010	148.75	209.10	0
ALS	QC-OK	WH10137339	06/10/2010	275.10	277.37	0
ALS	QC-OK	WH10137370	06/10/2010	209.10	275.10	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I039050	20.40	22.40	2-FDU	0	0.02	2.03	TR10131464
I039084	91.20	93.05	2-FDU	0	0.01	2.21	TR10131465
I039118	150.75	152.75	2-FDU	0	0.13	2.18	WH10134985
I039143	190.70	193.00	2-FDU	0	0.63	2.48	WH10134985
I039164	231.40	233.08	2-FDU	0	0.11	2.12	WH10137370
I039188	275.10	276.10	2-FDU	0	0.12	1.10	WH10137339
I039071			Blk	0	0.00	0.64	TR10131464
I039107			Blk	0	0.00	0.59	TR10131465
I039166			Blk	0	0.00	0.42	WH10137370
I039131			SRM_GS10C	0	-999.00	0.12	WH10134985
I039059			SRM_OR-15h	0	1.02	0.09	TR10131464
I039092			SRM_OR-16b	0	2.19	0.11	TR10131465
I039138			SRM_OR-16b	0	2.24	0.14	WH10134985

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
32	42	17	88	0	25	25	0	0

Hole name	GDDH-10-021
Length (m)	277.37
Log Date	22/08/2010

Hole name	GDDH-10-021
Length (m)	277.37
Log Date	22/08/2010

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackbu

Hole name GDDH-10-021
Length (m) 277.37
Log Date 22/08/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
	I039056	0.175	0.3	1325	35.55																	
	I039057	0.254	0.5	2050																		
	I039058	0.276	0.4	2200																		
	I039060	0.069	0.1	1025																		
	I039061	0.386	0.1	1405																		
	I039062	0.117	0.2	1770																		
					45.10			45.10														
					45.35	Xq		45.35	FEO	6	PER											
	I039063	0.083	0.2	727	50.20	Xqp			SI	3	PER											
50.20					50.20			50.20				50.20										

Hole name	GDDH-10-021
Length (m)	277.37
Log Date	22/08/2010

Golden Predator
Program 2010
Logger Lauren Blackburn

Log Date 22/08/2010

[illegible]

Hole name	GDDH-10-021
Length (m)	277.37
Log Date	22/08/2010

Golden Predator
Program 2010
Logger Lauren Blackburn

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
104.05	I039090	0.748	2.5	4720	104.05	GG		104.05	TCL	3	PER	104.05	No Data									
106.05	I039091	0.359	1.5	2840	106.45	Xqp		106.45	SI	2	PER	106.45	0.5	VN	0.5	VN						
108.05	I039093	0.182	0.3	2270						SI	5	PER										
110.05	I039094	0.096	0.1	1170				109.10														
112.05	I039095	0.122	0.1	1125																		
114.05	I039096	0.15	0.1	2710																		
116.05	I039097	0.032	0.1	366																		
118.05	I039098	0.036	0.1	259																		
120.05	I039099	0.137	0.1	1145				118.83														

Project Gold Dome (Sheelite) - Yukon
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Length (m) 277.37
Log Date 22/08/2010

Assays					Litho			Alteration				Mineralization																								
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur															
122.05	I039100	0.035	0.1	164	122.05	Xq	Xqp	124.75	SI	5	PER	136.85	0.5		0.5	VN																				
	124.05	I039101	0.1	0.3					1570																											
126.05		I039102	0.33	0.3					1275																											
	127.90	I039103	0.35	1.6				3270																												
129.55		I039104	0.09	0.1				872																												
	131.95	I039105	0.136	0.1				771		SI	5												PER													
133.50		I039106	0.038	0.1				141																												
	135.05	I039108	0.073	0.1				584		SI	5												PER													
136.55		I039109	0.082	0.1				1410																												
	136.85																																			

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Hole name GDDH-10-021
Length (m) 277.37
Log Date 22/08/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
138.25	I039110	0.115	0.1	1285	138.25	Xqp		138.25	SI	5	PER	No Data										
140.50	I039111	0.158	0.1	2230	140.50	Xq		140.50	SI	5	PER											
142.75	I039112	0.024	0.1	319	142.75	Xqp		142.75	CC	2												
144.75	I039113	0.068	0.1	366																		
146.75	I039114	0.042	0.1	132																		
148.75	I039115	0.052	0.1	537																		
150.75	I039116	0.088	0.1	839																		
152.75	I039117	0.089	0.1	1150																		
154.75	I039119	0.221	0.1	2250	Xan	Xa			SI	5	PER	0.5	LITH		0.5	VN						

Hole name	GDDH-10-021
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Golden Predator
Program 2010
Logger Lauren Blackburn

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
	I039151	0.013	0.1	194	209.10																	
	I039152	0.045	0.1	443																		
	I039153	1.715	0.1	2160																		
	I039154	0.081	0.1	722																		
	I039155	0.39	0.1	3820																		
	I039156	0.093	0.1	2720																		
	I039157	0.094	0.2	972																		
	I039158	0.271	0.4	5890																		
	I039159	0.06	0.1	452																		

Hole name	GDDH-10-021
Length (m)	277.37
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[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackbu

Hole name GDDH-10-021
Length (m) 277.37
Log Date 22/08/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	I039180	0.024	0.1	424	263.10																	
	I039181	0.039	0.1	204																		
	I039182	0.365	0.2	2990																		
	I039183	0.01	0.1	28																		
	I039184	0.073	0.2	473																		
	I039185	0.082	0.1	990																		
	I039186	0.026	0.1	235																		
	I039187	0.219	0.3	35																		
	I039189	0.012	0.1	49																		
263.10																						
265.10																						
267.10																						
269.10						Xqp			SI	5	PER		0.5	LITH	0.5	VN	0.5	VN				
271.10																						
273.10																						
275.10																						
276.10																						
277.37					277.37			277.37				277.34										

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Length (m) 277.37
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LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	12.19	CAS	0	logged by Lauren Blackburn
12.19	32.00	Xqp	0	LITH 1= Xh-qp (77%), LITH 2= Xh-cg (33%) from 12.19-18.29, 20.82-23.19, 24.81-27.90, 28.80-32.00m.
32.00	33.53	Vnq	0	VNq
33.53	45.10	Xqp	0	LITH 1= Xh-cg.
45.10	45.35	Xq	0	Xh
45.35	50.20	Xqp	0	LITH 1= Xh-qp +/- section of Xh-qp.
50.20	93.50	Xqp	0	LITH 1= Xk**qp (60%), LITH 2= Xk**cg (40% from 51.82-61.85 and 68.05-79.85m).
93.50	94.38	GG	0	Fault gouge Xk** with FeO and MnO alteration. Start and ends to unit may be off.
94.38	102.80	Xqp	0	Xk**
102.80	104.05	GG	0	Xqp preserved within fault gouge.
104.05	106.45	Xqp	0	Preserved Xpq that is locally hornfelsed. Folded
106.45	136.85	Xq	0	LITH 1= Xk**cg (72%), LITH 2= Xk**qp (from 106.48-109.10, 126.04-127.90 & 132.95-136.85).
136.85	138.25	Xqp	0	LITH 1= Xk**pq faulted and oxidized.
138.25	140.50	Xq	0	LITH 1= Xk**cg.
140.50	142.75	Xqp	0	Brecciated Xk with sections of preserved Xpq.
142.75	166.65	Xqp	0	LITH 1= Xk**pq (19%) and LITH 2= Xk**cg 81%)-- weakly intercalated.
166.65	167.04	GG	0	Gouged Xk**pq.
167.04	174.71	Xqp	0	Intercalated Xk**pq-cg. Deformed
174.71	177.30	Xqp	0	Xk**cg
177.30	177.49	GG	0	Gouged Xk**pq.
177.49	183.50	Xqp	0	LITH 1= Xk**pq (51%) and Xk**cg (49% from 178.15-180.94m).
183.50	192.57	Xq	0	LITH 1= Xk**cg.
192.57	192.69	lpg	0	lpg
192.69	199.55	Xqp	0	LITH 1= Xk**pq (39%) and LITH 2= Xk**cg (61% from 193.62-192.78m).
199.55	231.40	Xqp	0	Intercalated LITH 1= Xk**pq and LITH 2= Xk**cg. Foltn weak
231.40	233.08	Kvl	0	Kvl
233.08	236.46	Xq	0	LITH 1= Xk**cg.
236.46	240.25	Xqp	0	LITH 1= Xk**pq that locally is spotted.
240.25	251.01	Xqp	0	Intercalated LITH 1(Xk**pq, 55%) and LITH 2(Xk**cg, 45%). LITH 2 is locally FLN.
251.01	259.00	Xqp	0	LITH 1= Xk**pq that locally is spotted.
259.00	259.13	Kvl	0	Kvl
259.13	277.37	Xqp	0	LITH 1= Xk**pq that is locally spotted.EOH

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LITHO

mFrom	mTo	Lith1	Relog	Comments

ALTERATION

mFrom	mTo	Lith1	Relog	Comments

12.19	32.00	SI	0	logged by Lauren Blackburn

140.50	142.75	CC	0	CC HEALS BRX.

231.40	233.08	SI	0	SI ALTERATION?

259.00	259.13	SI	0	SI ALTERATION?

MINERALISATION

mFrom	mTo	Min1	Relog	Comments

50.20	93.50	PY	0	logged by Lauren Blackburn

VEINS

mFrom	mTo	Vein1	Relog	Comments

12.19	32.00	QZ	0	logged by Lauren Blackburn

32.00	33.53	HM	0	IN HAIRLINE FRACTURES

183.50	192.57	QZ	0	VEIN 6= QS, 1, WH, FCG, VN

199.55	231.40	QZ	0	VEIN 6= QC, 2, CW, FG, VN, DEF

240.25	251.01	QZ	0	VEIN 6= CC, 1, WH, VFG, HAIR, EXT

251.01	259.00	QZ	0	VEIN 6= C, 1, WH, VFG, HAIR, EXT

259.13	277.37	QZ	0	VEIN 6= QZ, 2, WH, FE, VFOL, DEF

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

56.20	56.21	FOL	0	logged by Lauren Blackburn

63.50	63.51	VN	0	QZ-FEO+/-PYR,APY VNS.

76.50	76.51	VN	0	FEO-QZ+/-SULPHIDE VNS.

185.13	185.14	STR	0	185.13m, qtz-ank-ser sheeted str, 1mm thick, grey-yellow, 1cm ser-ank halo propagating into foliations, 5-10% fine diss py in halo, alpha52, beta045.

190.00	190.01	VN	0	190.00m, qtz-2% calcite sheeted vein, 2mm thick, 1cm ser halo, propagating into foliation planes preferentially,lgrey white,fmg, 20% 1mm agg asp within vein and selvages, some in ser halo, alpha62, beta018.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-021
Length (m) 277.37
Log Date 22/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
208.76	208.77	VN	0	Qz-pyr+/-cpy vn.
215.00	215.01	VN	0	CC-APY VN.
218.95	218.96	VN	0	QZ-CC-APY VN.
242.90	242.91	VN	0	QZ-APY VN.
245.06	245.07	VN	0	QZ-CC-CLAY VN.
252.65	252.66	VN	0	QZ-CHL-PO VN.

Project Gold Dome (Sheelite) - Yukon

Area Hawthorne

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-022

Length (m) 304.8

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 16/07/2010

Date Finished 21/07/2010

Other Hole name AUD-020-Haw

Cassing Pulled Yes

Cassing (m) 4.6

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Irma Gabric

Target

Hole Comments survey tools: GPS and compass

Collar survey Date

Survey By Karin Fecova

Method Compass

Survey Notes

Log Date 24/08/2010

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,089.63	7,072,699.50	1,489.62	250.00	-50.00
Preferred	UTM83-8	439,089.63	7,072,699.50	1,489.62	250.00	
Local	LOCL_AuDom	6,214.85	7,502.31	1,489.62	295.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks
EZ Shot	30.00	-50.10	250.75		250.75	227.50	5,816.00	correction factor=magnetic declination used 23 deg 25 min; pulled back: 6m; surveyed by Claude Brideau; roll(toolface) rel to dip: 282.5; temperature: 12.4 deg of Celsius
EZ Shot	152.00	-51.00	256.85		256.85	233.60	5,769.00	correction factor=magnetic declination used 23 deg 25 min; pulled back: 6m; surveyed by Claude Brideau; roll(toolface) rel to dip: 247.2; temperature: 12.8 deg of Celsius
EZ Shot	304.00	-46.40	265.45		265.45	242.20	5,785.00	correction factor=magnetic declination used 23 deg 25 min; pulled back: 6m; surveyed by Claude Brideau; roll(toolface) rel to dip: 225.4; temperature: 12.9 deg of Celsius

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10133321	04/10/2010	60.60	122.92	0
ALS	QC-OK	TR10133323	04/10/2010	4.60	60.60	0
ALS	QC-OK	WH10134986	02/10/2010	122.92	188.92	0
ALS	QC-OK	WH10137332	06/10/2010	254.90	304.87	0
ALS	QC-OK	WH10137337	26/10/2010	188.92	254.87	0
ALS	QC-OK	WH10159931	02/11/2010	188.92	254.87	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I038895	48.60	50.60	2-FDU	0	0.03	0.57	TR10133323
I096997	76.60	78.60	2-FDU	0	0.55	1.94	TR10133321
I097035	142.92	144.92	2-FDU	0	0.07	2.56	WH10134986
I097071	210.92	212.92	2-FDU	0	0.03	2.64	WH10159931
I097106	274.87	276.87	2-FDU	0	0.06	2.42	WH10137332
I097122	302.87	304.87	2-FDU	0	0.15	2.26	WH10137332
I038897			Blk	0	0.00	0.59	TR10133323
I097000			Blk	0	0.00	0.66	TR10133321
I097026			Blk	0	0.00	0.54	WH10134986
I097074			Blk	0	-999.00	0.44	WH10159931
I097093			Blk	0	0.00	0.54	WH10159931
I038896			SRM_OR-15h	0	1.03	0.09	TR10133323
I096994			SRM_OR-15h	0	1.04	0.10	TR10133321
I097021			SRM_OR-15h	0	1.05	0.10	TR10133321
I097052			SRM_OR-15h	0	1.06	0.14	WH10134986
I097111			SRM_OR-15h	0	1.00	0.18	WH10137332

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
44	37	26	100	0	39	35	0	0

Hole name	GDDH-10-022
Length (m)	304.8
Log Date	24/08/2010

Hole name	GDDH-10-022
Length (m)	304.8
Log Date	24/08/2010

Hole name	GDDH-10-022
Length (m)	304.8
Log Date	24/08/2010

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-022
Length (m) 304.8
Log Date 24/08/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
	I096983	0.013	0.3	197	54.60	Xq	Xqp		SI	5	PER				0.5	VN						
	I096984	0.074	0.1	703																		
	I096985	0.169	0.2	1870																		
	I096986	0.375	0.2	691																		
					60.45			60.45				60.45										
	I096987	0.657	0.1	1130	62.60																	
	I096988	0.275	0.3	1770																		
	I096989	0.729	0.1	1060																		
	I096990	0.689	0.7	1790																		
	I096991	0.05	0.2	684																		
						Xq			SI	5	PAT				0.5	VN						

Hole name	GDDH-10-022
Length (m)	304.8
Log Date	24/08/2010

Golden Predator
Program 2010
Logger Irma Gabric

Log Date 24/08/2010

[illegible]

Hole name	GDDH-10-022
Length (m)	304.8
Log Date	24/08/2010

[illegible]

Golden Predator
Program 2010
Logger Irma Gabric

Log Date 24/08/2010

Assays				
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)
I097023	0.018	0.1	180	
124.92				
I097024	0.264	0.1	1285	
126.92				
I097025	0.029	0.1	341	
128.92				
I097027	0.044	0.1	626	
130.92				
I097028	0.035	0.1	365	
132.92				
I097029	0.023	0.1	342	
134.92				
I097030	0.202	0.1	702	
136.92				
I097031	0.079	0.1	541	
138.92				
I097032	0.008	0.1	61	
140.92				

Hole name	GDDH-10-022
Length (m)	304.8
Log Date	24/08/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
	I097033	0.034	0.1	89	142.92		Xqp		CM	4	PER		0.5	VN	0.5	LITH						
	I097034	0.073	0.1	1690																		
	I097036	0.1	0.3	1270																		
	I097037	0.043	0.3	664																		
	I097038	0.254	0.3	2260																		
	I097039	0.17	0.1	2320																		
	I097040	0.123	0.2	2050																		
	I097041	0.0025	0.1	46																		
	I097042	0.713	0.4	3170		GG	Xqp		No Data				No Data									

Hole name	GDDH-10-022
Length (m)	304.8
Log Date	24/08/2010

Golden Predator
Program 2010
Logger Irma Gabric

Log Date 24/08/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-022
Length (m) 304.8
Log Date 24/08/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
	I097062	0.061	0.1	668	195.30			195.30				195.30										
					195.64	Xqp		195.64	CLY	4	PAT	195.64	No Data									
196.92																						
	I097063	0.222	0.4	1590																		
198.92																						
	I097064	0.076	0.1	215																		
200.92																						
					Xqp				TCL	4	PER				0.5	VN						
	I097065	0.063	0.3	1860																		
202.92																						
	I097066	0.613	0.2	1720																		
204.92																						
	I097067	0.122	0.1	1550																		
206.16																						
					206.16			206.16				206.16										
	I097068	0.013	0.2	112		Kvl			CC	3	PAT		No Data									
208.00					207.96			207.96				207.96										
	I097069	0.15	0.2	2320																		
210.92																						
					Xqp				TCL	4	PER				0.5	LITH						
	I097070	0.045	0.1	138																		
212.92																						

Hole name	GDDH-10-022
Length (m)	304.8
Log Date	24/08/2010

Golden Predator
Program 2010
Logger Irma Gabric

Log Date 24/08/2010

[illegible]

Hole name	GDDH-10-022
Length (m)	304.8
Log Date	24/08/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-022
Length (m) 304.8
Log Date 24/08/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
	I097101	0.066	0.3	341	268.87				SI	5	PER					3.5	VN					
	I097102	0.043	0.5	457																		
	I097103	0.025	0.1	245																		
	I097104	0.098	0.5	1280																		
	I097105	0.052	0.4	1140																		
	I097107	0.028	0.3	587																		
	I097108	0.057	1.9	2060																		
	I097109	0.033	0.4	1020																		
	I097110	0.015	0.3	1110																		
					Xqp							280.27										

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-022
Length (m) 304.8
Log Date 24/08/2010

Assays					Litho			Alteration				Mineralization																									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur																
	I097112	0.188	1	2150						5	PER																										
286.87																																					
	I097113	0.023	0.3	1220																																	
288.87																						288.83															
	I097114	0.058	0.2	366																																	
290.87																																					
	I097115	0.029	0.2	1490																																	
292.87																																					
	I097116	0.117	0.2	900																																	
294.87																																					
	I097117	0.074	0.2	777																																	
296.87																																					
	I097118	0.048	0.3	1270																																	
298.87																																					
	I097119	0.008	0.1	95																																	
300.87												300.00																									
	I097120	0.029	0.1	154																																	
302.87															0.5	VN																					

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-022
Length (m) 304.8
Log Date 24/08/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur			
	I097121	0.106	0.2	965																	
304.87					304.80			304.80				304.80									

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-022
Length (m) 304.8
Log Date 24/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	4.16	CAS	0	casing
4.16	9.31	Xqp	0	Xh
9.31	12.10	Xqp	0	Xh
12.10	23.80	Xqp	0	Lith 1= 60%, Lith 2= 40%
23.80	24.32	Xqp	0	Xh
24.32	27.67	Xqp	0	Xpq
27.67	32.15	GG	0	FT
32.15	36.40	Xqp	0	Xpq
36.40	39.62	GG	0	FT
39.62	49.82	Xqp	0	Xpq
49.82	60.45	Xq	0	Xq
60.45	76.20	Xq	0	Xq
76.20	90.70	Xqp	0	Xpq
90.70	92.90	GG	0	FT
92.90	95.28	Xqp	0	Xpq
95.28	96.48	Xqp	0	VNq
96.48	100.58	Xqp	0	Xpq
100.58	103.63	GG	0	FT
103.63	118.57	Xq	0	Xp
118.57	129.08	Xqp	0	Lith 1= Xk**pq.
129.08	129.88	Vnq	0	VNq
129.88	133.23	Xqp	0	Lith 1= Xk**pq.
133.23	136.64	Xq	0	Lith 1= Xk**cg.
136.64	156.45	Xqp	0	Lith 1= Xk**pq.
156.45	156.65	GG	0	Lith 2= Xk**PQ.
156.65	162.15	Xq	0	Lith 1= Xk**cg.
162.15	162.30	GG	0	FT
162.30	183.05	Xqp	0	Lith 1= Xk**pq (60%) and Lith 2= Xk**cg (40%).
183.05	190.87	Xqp	0	Skarn/Hornfels texture, biotite-muscovite rich, Xk-pq(Quartzose-Phyllite) metaseds, undiff. Minerals in skarn
190.87	191.62	Xqp	0	"Tiger" Texture (equigranular hornblende)
191.62	192.20	Xqp	0	Xk-pq(Quartzose-Phyllite)..skarned metased?
192.20	192.67	Kvl	0	Kvl
192.67	195.30	Xqp	0	Hf texture/Skarn-- Metased unit Qtz-Phyllite (biotite rich)

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-022
Length (m) 304.8
Log Date 24/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
195.30	195.64	Xqp	0	GG
195.64	206.16	Xqp	0	Xk-pq with late Qtz VN deformed
206.16	207.96	Kvl	0	Kvl
207.96	216.55	Xqp	0	Xk-pq
216.55	217.87	Kvl	0	Kvl
217.87	231.70	Xqp	0	Xk-pq
231.70	234.95	Xqp	0	Xk-pq; "Tiger" Texture
234.95	236.90	Xqp	0	Xk-pq;
236.90	253.00	Xqp	0	Xk-pq;
253.00	255.25	BXq	0	Xk-pq;
255.25	304.80	Xqp	0	Xk-pq; EOH

ALTERATION

mFrom	mTo	Lith1	Relog	Comments

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
6.00	7.00	PY	0	data taken from Irma's graphic log

VEINS

mFrom	mTo	Vein1	Relog	Comments

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
6.00	7.00	VN	0	data taken from Irma's graphic log
12.00	14.00	VN	0	data taken from Irma's graphic log
24.00	25.00	VN	0	data taken from Irma's graphic log
26.00	27.00	FOL	0	data taken from Irma's graphic log
28.00	29.00	VN	0	data taken from Irma's graphic log
32.00	33.00	FOL	0	data taken from Irma's graphic log

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-022
Length (m) 304.8
Log Date 24/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
37.00	38.00	VN	0	data taken from Irma's graphic log
64.00	64.01	VN	0	data taken from Irma's graphic log
73.00	74.00	VN	0	data taken from Irma's graphic log
76.00	77.00	VN	0	data taken from Irma's graphic log
93.00	94.00	VN	0	data taken from Irma's graphic log
98.00	98.01	VN	0	cc vns (5 deg TCA) cross-cut qz-asy vn (20 deg TCA); data taken from Irma's graphic log
104.00	105.00	VN	0	qz-asy vns; data taken from Irma's graphic log
108.00	110.00	VN	0	vuggy qz-asy vn (40 deg TCA) and cc vns (8 over 1 m-20-25 deg TCA); data taken from Irma's graphic log
120.00	120.01	VN	0	qz-asy vn, 4 cm thick; data taken from Irma's graphic log
121.00	122.00	VN	0	qz-asy vn, 5 cm; data taken from Irma's graphic log
130.00	133.00	VN	0	qz-as vn, <1 cm thick; data taken from Irma's graphic log
134.00	136.00	VN	0	cc vn; data taken from Irma's graphic log
168.00	169.00	VN	0	qz-as vn, <1cm thick; data taken from Irma's graphic log
176.00	176.01	VN	0	cc vn (15 deg TCA) and aspy vn (20 deg TCA); data taken from Irma's graphic log
218.00	218.10	VN	0	Qz-As-Po Vn
220.10	220.14	VN	0	Py-Po-As in QZ VN. En Echelon Calc Vns along same unit
222.14	222.16	VN	0	Qz VN
225.25	225.29	VN	0	Calc-Chlorite VN
226.40	226.41	VN	0	Qz-As-Py VN
240.10	240.15	CAL	0	Po along FOL
241.08	241.12	VN	0	As-Py-Po VN
242.00	242.12	VN	0	Qz-Bt-Sx Halo
247.20	247.30	VN	0	Qz-As Deformed Early VN
250.68	250.75	VN	0	Qz-As Deformed Early VN
252.81	252.88	FOL	0	Po wispy along FOL
261.00	261.10	VN	0	Qz-Calc-As Late VN
262.95	263.10	VN	0	Qz-As VN Xcuts Qz-Fsp VN
265.00	265.10	VN	0	Qz-As VN
278.00	280.27	VN	0	Qz-As sheeted veins
284.00	288.00	VN	0	Qz-Calc-As Sheeted Veins
288.80	288.90	VN	0	Qz Ser Vn
290.00	291.00	VN	0	qz-asy vns (7 vns over 1 m); data taken from Irma's graphic log

Project Gold Dome (Sheelite) - Yukon

Area Hawthorne

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-023

Length (m) 280.42

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 21/07/2010

Date Finished 23/07/2010

Other Hole name AUD-011-Haw

Cassing Pulled Yes

Cassing (m) 6.1

Data Origin GOD_20110203_DataLoggerExport.xls / KFcova

Data Date 04/02/2011

Data BY ACald

Logger Irma Gabric

Target

Log Date 07/09/2010

Hole Comments survey tools: GPS and compass

Collar survey Date

Survey By Karin Fecova

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,089.63	7,072,699.50	1,489.62	305.00	-50.00
Preferred	UTM83-8	439,089.63	7,072,699.50	1,489.62	305.00	
Local	LOCL_AuDom	6,214.85	7,502.31	1,489.62	295.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks
EZ Shot	30.00	-49.00	305.05		305.05	281.80	5,938.00	correction factor=magnetic declination used 23 deg 25 min; pulled back: 6m; surveyed by Claude Brideau; roll(toolface) rel to dip: 31.3; temperature: 16.7 deg of Celsius
EZ Shot	137.00	-48.40	306.55		306.55	283.30	5,800.00	correction factor=magnetic declination used 23 deg 25 min; time: 5:40pm; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip: 50.2; temperature: 15.2 deg of Celsius

EZ Shot	280.00	-44.80	297.85		297.85	274.60	5,632.00	correction factor=magnetic declination used 23 deg 25 min; time: 4:57pm; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip: 191; temperature: 11.7 deg of Celsius

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10143054	13/10/2010	200.10	266.10	0
ALS	QC-OK	TR10144057	13/10/2010	266.10	280.42	0
ALS	QC-OK	WH10137331	09/10/2010	134.10	200.10	0
ALS	QC-OK	WH10137338	06/10/2010	68.10	134.10	0
ALS	QC-OK	WH10137339	06/10/2010	6.10	68.10	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I097163	80.10	82.10	2-FDU	0	0.10	2.26	WH10137338
I097216	176.10	178.10	2-FDU	0	0.18	2.62	WH10137331
I097246	232.10	234.10	2-FDU	0	0.09	2.34	TR10143054
I097270	276.10	278.10	2-FDU	0	0.01	2.55	TR10144057
I097142			Blk	0	0.00	0.66	WH10137339
I097179			Blk	0	0.00	0.54	WH10137338
I097208			Blk	0	0.00	0.52	WH10137331
I097252			Blk	0	0.00	0.61	TR10143054
I097147			SRM_OR-15h	0	1.09	0.14	WH10137339
I097171			SRM_OR-15h	0	1.02	0.16	WH10137338
I097202			SRM_OR-15h	0	0.98	0.12	WH10137331
I097240			SRM_OR-15h	0		-999.00	

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
53	53	23	90	0	20	42	0	0

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-023
Length (m) 280.42
Log Date 07/09/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
No Data					OVB			FEO 7 PER														
6.10					6.10			6.10														
I097123 0.01 0.1 84					Xqp			FEO 7 PER														
8.10																						
I097124 0.02 0.1 62																						
10.10																						
I097125 0.027 0.1 154																						
12.10					13.12			13.12														
I097126 0.017 0.1 41																						
14.10																						
I097127 0.345 0.1 256																						
16.10																						
I097128 0.071 0.1 224					Xqp			FEO 7 PER														
18.10																						

Golden Predator
Program 2010
Logger Irma Gabric

Log Date 07/09/2010

[illegible]

Golden Predator
Program 2010
Logger Irma Gabric

Log Date 07/09/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-023
Length (m) 280.42
Log Date 07/09/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
	I097149	0.021	0.1	143																		
56.10					56.35			56.35														
	I097150	0.046	0.2	485																		
58.10																						
	I097151	0.024	0.1	256																		
60.10																						
	I097152	0.022	0.1	303																		
62.10																						
	I097153	0.174	0.1	1780																		
64.10																						
	I097154	0.005	0.1	47		Xqp			CM	4	PAT											
66.10																						
	I097155	0.022	0.1	229																		
68.10																						
	I097156	0.005	0.1	66																		
70.10																						
	I097157	0.048	0.2	436																		
72.10												71.00										

Hole name	GDDH-10-023
Length (m)	280.42
Log Date	07/09/2010

Golden Predator
Program 2010
Logger Irma Gabric

Log Date 07/09/2010

[illegible]

Hole name	GDDH-10-023
Length (m)	280.42
Log Date	07/09/2010

Hole name	GDDH-10-023
Length (m)	280.42
Log Date	07/09/2010

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-023
Length (m) 280.42
Log Date 07/09/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
	I097197	0.0025	0.1	30		Xqp			QW	6	PER	151.00									
146.10																					
	I097198	0.019	0.1	126																	
148.10																					
	I097199	0.0025	0.1	34																	
150.10																					
	I097200	0.082	0.1	1600								157.80									
152.10																					
	I097201	0.018	0.1	117																	
154.10																					
	I097203	0.163	0.1	3080	154.89		154.89														
156.10					155.19	VNq	155.19	QW	6	PER											
						Xqp			QW	6	PER	157.80									
	I097204	0.014	0.1	540	157.39		157.39														
158.10					157.39	GG	BXm	157.39	QW	6	PER										
	I097205	0.144	0.1	1530		Xqp			QW	6	PER						No Data				
160.10					160.48		160.48														
	I097206	0.014	0.1	61	160.75	GG	BXm	160.75	QW	6	PER										
						Xqp			QW	6	PER	161.75									
162.10					162.12		162.12														

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name	GDDH-10-023
Length (m)	280.42
Log Date	07/09/2010

Assays					Litho			Alteration				Mineralization																																																
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur																																						
164.10	I097207	0.144	0.2	20	162.49	BXq		162.49	QW	6	PER	169.80																																																
						Xqp		QW	6	PER																																																		
166.10	I097209	0.014	0.1	88	164.30			164.30			172.42																																																	
					164.57	GG	Xqp	164.57	QW	6																							PER																											
168.10	I097210	0.021	0.1	317	Xqp			QW	6	PER																							No Data																											
																																												170.10	I097211	0.061	0.1	501												
172.10	I097212	0.04	0.1	636																																													171.49			171.49								
																																												171.09	VNa		171.09	QW	6	PER										
174.10	I097213	0.076	0.1	1130																																								172.10	Xqp		172.10	QW	6	PER	175.00									
																																												172.55	BXq		172.55	QW	6	PER										
176.10	I097214	0.23	0.5	3180								Xq			QW	5	PAT	No Data	176.00																																									
																																																			178.10	I097215	0.217	0.1	1280					
180.10	I097217	0.089	0.1	3120																																																								

Hole name	GDDH-10-023
Length (m)	280.42
Log Date	07/09/2010

Hole name	GDDH-10-023
Length (m)	280.42
Log Date	07/09/2010

Hole name	GDDH-10-023
Length (m)	280.42
Log Date	07/09/2010

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-023
Length (m) 280.42
Log Date 07/09/2010

Assays					Litho			Alteration				Mineralization															
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite						
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur					
	I097266	0.011	0.2	150	Xqp				SI	5	PER																
272.10																		272.00									
	I097267	0.02	0.1	328																							
274.10																											
	I097268	0.254	0.2	1150																							
276.10																											
	I097269	0.011	0.3	114																							
278.10																											
	I097271	0.0025	0.2	4																							
280.42					280.42			280.42				280.42															

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-023
Length (m) 280.42
Log Date 07/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	6.10	OVB	0	Note: Lith 2 refers to the original metasediment that has been skarned because it is often found intercalated in the lithology, sometimes too small to map and separate it as its own unit. Lith 2 is not described in detail as it's already been described as Lith 1, usually skarned or hornfelsed lithology. Graphic Log includes more comments and should be referred to for detailed description.
6.10	13.12	Xqp	0	skarned (garnet?)/hornfelsed metaseds. Pink/green-garnet&px?
13.12	21.15	Xqp	0	brkn, strng fractd fg skarn (garnet?) (hornfels texture Xpq) w qz def vns, no rxn w HCl
21.15	32.50	Xqp	0	Xpq; (garnet?)spotted texture intercalated w foltd text
32.50	33.53	VNq	0	qz vein in silic and skarnd unit
33.53	36.00	Xqp	0	Xk-pq (garnet?); spotted and foltd texture
36.00	36.55	VNq	0	qz vn in Xk-pq
36.55	39.60	Xqp	0	Xk-pq; (garnet?)
39.60	48.00	Xqp	0	Xk-pq; (garnet?)
48.00	56.35	Xqp	0	Relict bedding/interbedded shale and sandston protolith--deformed, skarned (garnet?). Qtz rich units intercalated with finer biotite rich unit.
56.35	74.00	Xqp	0	Xk-pq; finer grained unit; hornfelsed. Locally spotted
74.00	75.10	VNq	0	qz vn in Xk-pq
75.10	94.26	Xqp	0	Xk-pq; hornfelsed/skarnd
94.26	95.00	VNq	0	qz vn in Xk-pq
95.00	96.89	Xqp	0	Xk-pq
96.89	102.08	VNq	0	qz vn in Xk-pq
102.08	106.15	Xqp	0	Xk-pq
106.15	107.80	Xqp	0	Xk-pq
107.80	116.85	Xp	0	Xp
116.85	121.10	Xqp	0	Xk-pq
121.10	121.90	Xqp	0	Xk-pq
121.90	132.50	Xqp	0	Xpq
132.50	134.83	GG	0	Fault zone Qtzose Phyllite clasts are angular, fsps rounded
134.83	154.89	Xqp	0	Xk-pq
154.89	155.19	VNq	0	qz vn in Xk-pq
155.19	157.39	Xqp	0	Xk-pq
157.39	157.59	GG	0	Xk-pq
157.59	160.48	Xqp	0	Xk-pq
160.48	160.75	GG	0	Xk-pq
160.75	162.12	Xqp	0	Xk-pq

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-023
Length (m) 280.42
Log Date 07/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
162.12	162.49	BXq	0	Xk-pq
162.49	164.30	Xqp	0	Xk-pq
164.30	164.57	GG	0	Xk-pq
164.57	171.49	Xqp	0	Xk-pq
171.49	171.69	VNq	0	qz vn in Xk-pq
171.69	172.10	Xqp	0	Xk-pq
172.10	172.55	BXq	0	Xk-pq
172.55	185.00	Xq	0	Xk-q; loc spot text
185.00	185.50	Xqp	0	Xk-pq; (garnet?)
185.50	188.00	Xqp	0	Xk-pq
188.00	198.00	Xqp	0	Xk-pq
198.00	202.20	Xqp	0	Xk-pq
202.20	203.00	Xqp	0	Xk-pq
203.00	213.40	Xqp	0	Xk-pq
213.40	219.50	Xqp	0	Xk-pq
219.50	221.05	Xqp	0	Xpq
221.05	223.50	VNq	0	qz vn in Xk-pq
223.50	227.26	Xqp	0	Xk-pq
227.26	231.75	Xqp	0	Xk-pq
231.75	241.00	Xqp	0	Xk-pq
241.00	252.00	Xqp	0	Xk-pq
252.00	262.23	Xq	0	Xpq
262.23	280.42	Xqp	0	Xk-pq; EOH

ALTERATION

mFrom	mTo	Lith1	Relog	Comments

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
116.00	118.00	AS	0	Diss As in Calc vns
129.58	142.42	PYPO	0	min2 in cc veins
221.00	222.00	JAM	0	Min1 in quartz vein

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-023
Length (m) 280.42
Log Date 07/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

VEINS

mFrom	mTo	Vein1	Relog	Comments

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
60.92	60.99	VN	0	Calcite in Fracture (vn fill)
70.10	70.20	VN	0	Calc VN/hair
70.88	70.95	VN	0	As-Calc VN
70.95	70.99	VN	0	Qz VN
130.10	130.25	VN	0	CC-As Vn, As diss in CC hairline
137.00	137.40	BUD	0	Boudinaged early Qz Vn + diss As
148.05	148.25	VN	0	Qz-Fsp-Tourm 7cm Vn along foliation + diss Po Xcut by Qz-As hair
148.25	150.00	VN	0	Qz-As Vn (Late)
150.00	151.00	VN	0	Qz-Fsp + As
153.00	153.40	VN	0	Vuggy Qz Vn 4cm
154.89	155.09	VN	0	Qz-Py-Po Vn
156.00	156.25	VN	0	Qz-Tourm Vn
177.00	177.20	VN	0	Qz-py Vn Xcuts Fol (Early)
179.10	179.60	VN	0	As-Py in crustiform Qz-CC Vn extends along core for 0.5 m
182.00	182.20	VN	0	Qz-CC-As Vn Xcuts Fol
184.00	184.20	VN	0	Late Qz Vn with Branching CC Vns +As-Py @ 15 deg TCA
184.20	184.45	VN	0	Qz-CC-As-Py Vn
184.45	184.60	VN	0	Deformed early Qz-Tourm Vn
252.10	252.25	VN	0	Qz-Sulphide Vn, blebs of As-Py-Po along Vn and disseminated in Lith
262.85	263.10	VN	0	Qz-Sulph Vn

Project Gold Dome (Sheelite) - Yukon

Area Hawthorne

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-024

Length (m) 109.73

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 25/07/2010

Date Finished 26/07/2010

Other Hole name AUD-010-Haw

Cassing Pulled Yes

Cassing (m) 4

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Gilles Dessureau

Target

Hole Comments survey tools: GPS and compass; no downhole survey (downhole survey device not used due to problems with the hole)

Collar survey Date

Survey By Karin Fecova

Method Compass

Survey Notes

Log Date 19/08/2010

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,041.00	7,072,640.00	1,472.85	180.00	-50.00
Preferred	UTM83-8	439,041.00	7,072,640.00	1,472.85	180.00	
Local	LOCL_AuDom	6,138.39	7,494.62	1,472.85	225.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10136589	06/10/2010	82.00	109.73	0
ALS	QC-OK	WH10137330	05/10/2010	22.00	82.00	0
ALS	QC-OK	WH10137332	06/10/2010	4.00	22.00	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I096922	39.70	41.00	2-FDU	0	0.06	1.32	WH10137330
I096945	80.00	82.00	2-FDU	0	0.24	2.24	WH10136589
I096913			Blk	0	0.00	0.46	WH10137330
I096942			Blk	0	0.00	0.54	WH10137330
I096909			SRM_OR-15h	0	1.02	0.16	WH10137330
I096936			SRM_OR-15h	0	0.92	0.16	WH10137330
I096958			SRM_OR-15h	0	1.03	0.12	WH10136589

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
40	29	1	35	0	26	12	0	0

Golden Predator
Program 2010
Logger Gilles Dessurea

Log Date 19/08/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
No Data					CAS			No Data														
4.00					4.00			4.00														
I0969010.0270.3337					4.58	Xq		4.58	LI	3	PER											
					~~VN~~			~~LI~~	~~3~~	~~PER~~												
6.00					Xqp			LI3PER														
I0969020.0280.2611																						
8.00																						
I0969030.0190.2375					12.43			12.43														
12.40																						
I0969040.0090.1117					Xq			LI3PER														
15.30					15.30			15.30														
16.00	I096905	0.073	0.3	304																		
I0969060.0070.2152																						
18.00																						

Hole name	GDDH-10-024
Length (m)	109.73
Log Date	19/08/2010

Golden Predator
Program 2010
Logger Gilles Dessurea

Log Date 19/08/2010

Assays					Litho			Alteration				Mineralization														
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur				
37.10	I096918	0.0025	0.1	99	37.10	Xqp		37.10	LI	2	PER	45.90	0.5	VN	0.5	VN										
38.50	I096919	0.005	0.1	191	39.80	GG		39.80	LI	2	PER															
39.70	I096920	0.075	0.3	562																						
41.00	I096921	0.025	0.1	224	43.70	Xqp		43.70	LI	3	PER															
43.70	I096923	0.009	0.2	227																						
	I096924	0.03	0.1	241																		44.25	VN	44.25	LI	4
45.00	I096925	0.092	0.2	230	45.20	Xqp	45.20	LI	3	PER																
					45.90	VN	45.90	LI	2	PER																
47.00	I096926	0.081	0.1	374	49.00																					
51.00																						I096927	0.007	0.2	253	
	53.00	I096928	0.422	0.2								529	Xq			LI	2	PER								

Golden Predator
Program 2010
Logger Gilles Dessurea

Log Date 19/08/2010

[illegible]

Hole name	GDDH-10-024
Length (m)	109.73
Log Date	19/08/2010

Golden Predator
Program 2010
Logger Gilles Dessurea

[illegible]

Hole name	GDDH-10-024
Length (m)	109.73
Log Date	19/08/2010

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-024
Length (m) 109.73
Log Date 19/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
4.00	4.58	Xq	0	Xha; taken from Gilles graphic log: vfg weakly carbonaceous argillite
4.58	4.72	VN	0	VNq
4.72	12.43	Xqp	0	Xqp; taken from Gilles graphic log: fg moderaltely lamintd metasiltstone/qz phyllite
12.43	15.30	Xq	0	Xhs; taken from Gilles graphic log: mcg wkly lamintd metasandstone
15.30	22.12	Xqp	0	Xqp
22.12	22.22	GG	0	GG; taken from Gilles graphic log: fault gouge
22.22	28.10	Xqp	0	Xqp
28.10	28.20	VN	0	VNq
28.20	35.63	Xqp	0	Xqp
35.63	35.88	VN	0	VNq
35.88	37.10	Xqp	0	Xqp; taken from Gilles graphic log: silicfd breccia and fulty gouge
37.10	39.80	GG	0	GG; taken from Gilles graphic log: hornfld metaseds and ptygmatic folds
39.80	43.70	Xqp	0	Xqp
43.70	44.25	VN	0	VNq
44.25	45.20	Xqp	0	Xqp
45.20	45.90	VN	0	VNq
45.90	56.35	Xq	0	Xhs; taken from Gilles graphic log: folded hornfld metaseds
56.35	57.13	Xq	0	Xq
57.13	60.90	Xq	0	Xhs
60.90	64.30	GG	0	GG; taken from Gilles graphic log: fault gouge
64.30	68.87	Xq	0	Xhs; taken from Gilles graphic log: qz phyllite
68.87	69.00	GG	0	GG
69.00	70.40	Xq	0	Xhs; taken from Gilles graphic log: chlorite rich metaseds
70.40	71.25	Xq	0	Xhs; taken from Gilles graphic log: qz phyllite
71.25	72.70	Xq	0	Xhs; taken from Gilles graphic log: qz phyllite
72.70	73.05	GG	0	GG; taken from Gilles graphic log: qz phyllite
73.05	79.85	Xq	0	Xhs; taken from Gilles graphic log: wkly hornfld metaseds
79.85	80.04	VN	0	VNq
80.04	80.83	Xq	0	Xhs; taken from Gilles graphic log: wkly hornfld metaseds
80.83	80.95	VN	0	VNq
80.95	85.10	Xq	0	Xhs; taken from Gilles graphic log: wkly hornfld metaseds
85.10	85.40	GG	0	GG; taken from Gilles graphic log: fault gouge
85.40	88.00	Xq	0	Xhs; taken from Gilles graphic log: wkly hornfld metaseds
88.00	89.00	GG	0	GG

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-024
Length (m) 109.73
Log Date 19/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
89.00	92.44	Xq	0	Xhs; taken from Gilles graphic log: hornblende-porphyroblastic hornfels metaseds
92.44	98.00	Xq	0	Xhs; taken from Gilles graphic log: hornblende-porphyroblastic hornfels metaseds
98.00	100.50	GG	0	GG
100.50	103.60	Xq	0	Xhs; taken from Gilles graphic log: hornfld metaseds
103.60	109.73	GG	0	GG

ALTERATION

mFrom	mTo	Lith1	Relog	Comments

MINERALISATION

mFrom	mTo	Min1	Relog	Comments

VEINS

mFrom	mTo	Vein1	Relog	Comments
52.00	54.00	QS	0	aspy-py qz vn

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
72.70	73.05	SH	0	Fault Gouge
84.00	84.10	SH	0	fault gouge
92.20	92.30	SH	0	fault gouge

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator

Program 2010
Hole Type Diamond Drill Core Hole

Hole name GDDH-10-025
Length (m) 286.51
Size NQ2

Drill Contractor Peak
Drill Rig EF-50
Date Started 27/07/2010
Date Finished 30/07/2010

Other Hole name AUD-008-Haw
Cassing Pulled Yes
Cassing (m) 9.14

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova
Data Date 04/02/2011
Data BY ACald

Logger Karin Fecova
Target

Log Date 05/09/2010

Hole Comments survey tools: GPS and compass;

Collar survey Date

Survey By Karin Fecova

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	438,734.00	7,072,189.00	1,451.80	300.00	-50.00
Preferred	UTM83-8	438,734.00	7,072,189.00	1,451.80	300.00	
Local	LOCL_AuDom	5,602.41	7,392.80	1,451.80	345.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks
EZ Shot	30.00	-48.40	295.45		295.45	272.20	5,764.00	correction factor=magnetic declination used 23 deg 25 min; time: 2:26pm; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip: 330.2 temperature: 14.5 deg of Celsius
EZ Shot	149.00	-48.50	298.35		298.35	275.10	5,759.00	correction factor=magnetic declination used 23 deg 25 min; time: 1:50pm; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip: 306.1 temperature: 14.8 deg of Celsius

EZ Shot	286.00	-47.60	303.55		303.55	280.30	5,776.00	correction factor=magnetic declination used 23 deg 25 min; time: 1:00pm; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip: 301; temperature: 22 deg of Celsius

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10143055	18/10/2010	64.01	124.10	0
ALS	QC-OK	TR10143056	13/10/2010	124.10	188.05	0
ALS	QC-OK	TR10145298	21/10/2010	188.05	243.84	0
ALS	QC-OK	TR10148541	21/10/2010	243.84	286.51	0
ALS	QC-OK	WH10136589	06/10/2010	9.14	64.01	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
J951231	80.17	81.44	2-FDU	0	0.05	1.54	TR10143055
J951261	128.88	131.06	2-FDU	0	0.02	2.63	TR10143056
J951292	184.20	186.43	2-FDU	0	0.01	2.36	TR10143056
J951327	239.50	240.80	2-FDU	0	0.00	1.47	TR10145298
J951211			Blk	0	0.00	0.66	WH10136589
J951250			Blk	0	0.00	0.58	TR10143055
J951280			Blk	0	0.00	0.45	TR10143056
J951317			Blk	0	0.00	0.51	TR10145298
J951351			Blk	0	0.00	0.67	TR10148541
J951241			SRM_GS10C	0	9.84	0.02	TR10143055
J951219			SRM_OR-15h	0	1.03	0.12	WH10136589
J951300			SRM_OR-15h	0	1.01	0.08	TR10145298
J951337			SRM_OR-15h	0	0.98	0.09	TR10148541

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
80	57	155	91	0	61	110	0	0

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDDH-10-025
Length (m)	286.51
Log Date	05/09/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
No Data					CAS			No Data				No Data										
9.14					9.14			9.14														
J951200 0.361 0.3 1650												9.70										
												0.5 VN										
												No Data										
12.19												11.65										
J951201 0.05 0.1 440												No Data										
15.24												15.10										

Hole name	GDDH-10-025
Length (m)	286.51
Log Date	05/09/2010

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite					
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur		
	J951205	0.016	0.1	453	Xqp				CL	6	PER	No Data										
33.53																						
	J951206	0.059	0.8	820				35.00														
36.58					36.55							No Data										
	J951207	0.028	0.1	498					FEO	4	PAT											
39.62																						
	J951208	0.036	0.1	334																		
41.68																						
	J951209	0.018	0.1	105				42.60				No Data										
44.50									CL	6	PER											
								44.50														
								45.00	FEO	6	PAT											

Golden Predator
Program 2010
Logger Karin Fecova

Log Date 05/09/2010

Assays					Litho			Alteration				Mineralization																
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur						
	J951210	0.059	0.1	53	46.35																							
																			46.60									
																			47.20	3.5	FRA			0.5	FRA			
	J951212	0.025	0.2	20																								
																				No Data								
																				48.47								
	J951213	0.232	0.2	1410																								
	J951214	0.017	0.1	353																								
	J951215	0.254	0.1	1300																								
													53.50															
	J951216	0.009	0.1	191																								
													54.55															
													54.74	1.5	FRA													
													54.86	No Data														
	J951217	0.047	0.1	574																								
	J951218	0.239	0.1	2490																								
								60.30																				
	J951220	0.166	0.8	1120																								
								61.50		FEO	6	PER																
													60.76															

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

Assays					Litho			Alteration			Mineralization							
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur
	J951221	0.044	0.1	277									No Data					
64.01												64.00						
	J951222	0.011	0.1	41					CL	6	PER							
66.23													3.5	FRA		0.5	FRA	
	J951223	0.268	0.5	1160														
68.18					68.15			68.00				67.95						
	J951224	0.022	0.1	188		Xq	Xp		FEO	3	PER		No Data					
70.50					70.50			70.50				70.50						
	J951225	0.212	0.1	215		Xq												
72.04					72.56				SI	6	PER	72.04						
	J951226	0.237	0.9	862								72.60	No Data					
73.41								73.40										
								74.00	FEO	6	PER	73.80						
	J951227	0.065	0.5	318								74.30	1.5	FRA				
76.20													No Data					
	J951228	0.072	0.8	558		Xqp			CL	6	PER		No Data					
78.51												76.82						

Hole name	GDDH-10-025
Length (m)	286.51
Log Date	05/09/2010

Assays					Litho			Alteration				Mineralization																
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur											
J951229	0.22	1	454	80.17								No Data																
J951230	0.054	0.7	459									81.00	No Data															
81.44												81.41	81.50	SI	6	PER	81.70											
J951232	0.133	1.1	1180	83.76	Xqp							82.40	1.5	VN	0.5	VN												
												82.60	No Data															
J951233	0.141	0.6	1380	86.55	Xqp							No Data																
												84.10																
J951234	0.025	0.4	268									No Data																
88.39				89.40																								
J951235	0.042	0.1	132															89.50	CL	6	PER	90.13	1.5 FRA 1.5 VN 0.5 LITH					
J951236	0.085	0.5	339																					91.70	1.5 VN			
J951237	1.27	5.5	4490	93.57	Xq	Xqp																						
J951238	0.484	4.8	5710																					95.53	3.5 VN			
J951239	0.355	5.5	4680															96.50										

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
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Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur			
97.18						Fp	Xq	97.10													
	J951240	0.655	2.4	9450																	
98.71									CLY	6	PER										
	J951242	0.832	2.9	10000	100.70			100.00													
100.70																					
	J951243	0.171	0.6	3090					FEO	5	PAT										
102.80					102.70			102.80				102.80									
103.63	J951244	0.049	0.5	750	103.63	Xq		103.63	FEO	2	PAT	103.00	No Data								
	J951245	0.065	0.5	1690		Xq															
105.75																					
	J951246	0.178	1.2	2520																	
107.72						Xqp															
	J951247	0.098	0.2	1460																	
108.99																					
	J951248	0.098	0.3	990		Xqp															
110.34																					
	J951249	0.085	0.4	1620																	
111.43						Xqp															
	J951251	0.032	0.1	663																	
114.15																					
					114.15				CL	6	PER		No Data								
												112.20									

Golden Predator
Program 2010
Logger Karin Fecova

Log Date 05/09/2010

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur		
115.43	J951252	0.073	0.3	605	115.43	Xqp						114.30	No Data											
117.00	J951253	0.024	0.1	220	Xq			116.70				116.90	No Data											
118.87	J951254	0.085	0.1	647								117.20	No Data											
120.63	J951255	0.056	0.3	292				120.63					No Data											
121.60	J951256	0.058	0.1	649				121.60	FEO	5	PER		121.90	No Data										
124.10	J951257	0.178	0.1	1640									124.10	0.5	FRA	1.5	VN							
126.30	J951258	0.079	0.1	505	Xqp	Xq		124.97				124.80	No Data											
128.88	J951259	0.098	0.1	496										125.16	No Data									
131.06	J951260	0.015	0.1	326										128.90	No Data									
132.22	J951262	0.039	0.1	134					132.22					131.20	No Data									
														131.50	0.5	FRA	1.5	VS						

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
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Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
134.23	J951263	0.085	0.1	199					WM	6	PER	134.23	No Data										
					133.80																		
					134.23	Xqp							134.60										
	J951264	0.047	0.1	169			Xqp		CL	6	PER		134.90	1.5	FRA								
136.29																			135.10	No Data			
	J951265	0.056	0.1	828																			
138.40					138.40								136.40										
	J951266	0.044	0.1	589			Xqp																
140.85					140.85								138.60										
	J951267	0.158	0.1	1350			Xq			WM	6	PER											
143.26					143.26								141.20										
	J951268	0.053	0.1	1035			Xqp																
146.00																			144.10				
	J951269	0.035	0.1	896																			
147.53					147.53								147.10										
	J951270	0.386	0.1	1645			Xqp																
149.35					149.35																		
									CL	6	PER		149.75										

Hole name	GDDH-10-025
Length (m)	286.51
Log Date	05/09/2010

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
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Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur			
169.02	J951281	0.243	0.1	2300	169.02	Xq		177.60	WM	6	PER	169.02													
171.85	J951282	0.075	0.1	743	171.85	Xqp						170.00	No Data												
173.31	J951283	0.207	0.1	2950	173.31	Xq						171.90	No Data												
174.74	J951284	0.029	0.1	413	174.74	Xqp						173.80	No Data												
175.54	J951285	0.016	0.1	226	175.54	Xqp						176.60	No Data												
176.60	J951286	0.069	0.1	955	176.60	Xqp							176.60												
177.60	J951287	0.012	0.1	45	177.60	Xqp						177.60	0.5	VN											
179.83	J951288	0.252	0.1	86	179.83	Xqp		182.00	CL	6	PER	179.20	0.5	STR											
182.00	J951289	0.01	0.1	24	182.00	Xqp	179.90					No Data													
							180.60					0.5	LITH												
184.20	J951290	0.017	0.1	52								180.90	No Data												
								184.20				182.05	No Data												

Golden Predator
Program 2010
Logger Karin Fecova

Log Date 05/09/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
	J951291	0.008	0.1	19		Xqp			WM	6	PER		No Data									
186.43					186.43			185.80				184.90										
	J951293	0.009	0.1	259		Xqp			CL	6	PER		No Data									
188.05					188.05							187.20										
	J951294	0.024	0.3	225		Xqp		188.40				188.20	No Data									
189.70					189.70				WM	6	PER	188.70										
	J951295	0.032	0.3	141		Xqp		190.98				190.98	No Data									
	J951296	0.01	0.1	183		Xqp						192.00										
192.90					192.90			192.90	CL	6	PER	192.40	No Data									
	J951297	0.193	0.2	2090		Xqp		194.40	WM	6	PER		No Data									
194.40					194.40							194.70										
	J951298	0.043	0.1	479		Xqp			CL	6	PER	195.50										
196.80					196.80			196.80					No Data									
	J951299	0.112	0.3	1950		Xqp							No Data									
199.60					199.60							197.40										
	J951301	0.111	0.3	656		Xqp																
201.17						Xqp																

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

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Length (m) 286.51
Log Date 05/09/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
202.67	J951302	0.107	0.3	2010	202.67				WM	6	PER		No Data						
204.22	J951303	0.436	1.2	6860	204.20	Xq						204.30							
206.52	J951304	0.043	0.3	376	206.52	Xqp		206.52				206.40	1.5	LITH					
												206.70	No Data						
208.32	J951305	0.01	0.1	259	210.31	Xqp		210.31	CL	6	PER	208.20	1.5	FRA					
												No Data							
210.31	J951306	0.138	0.1	212	210.31			210.31											
211.40	J951307	0.005	0.2	72	211.40	Xq		211.40	WM	6	PER		No Data						
213.36	J951308	0.0025	0.1	16	213.36	Xqp						213.20							
214.50	J951309	0.0025	0.2	21	214.15	Xqp						213.90	0.5	FRA					
					217.11	Xqp							No Data						
217.11	J951310	0.09	0.1	272									215.00						
														0.5	FRA				

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

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Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
219.40	J951311	0.007	0.3	73	219.40	Xqp		219.40	CL	6	PER	217.50	No Data										
221.67	J951312	0.0025	0.1	140								221.67	No Data										
222.70	J951313	0.034	0.1	678								224.00	0.5 LITH 1.5 VN										
223.20	J951314	0.034	0.3	312									224.00										
225.70	J951315	0.021	0.1	481								225.70	No Data										
227.80	J951316	0.053	0.2	997	227.80	Xqp	227.80	227.80		WM	6	PER	230.28	No Data									
229.15	J951318	0.006	0.1	42	229.15	Xq								231.00	1.5 FRA								
231.00	J951319	0.053	0.1	267	234.40	Xqp									234.40	No Data							
232.40	J951320	0.023	0.1	150																			
234.40	J951321	0.097	0.1	1180												No Data							
235.00	J951322	0.567	0.3	1430																			

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDDH-10-025

Length (m)	286.51

Log Date 05/09/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
254.20	J951334	0.018	0.1	527	257.18	Xqp		257.18	CL	6	PER	257.30	0.5	VN	1.5	VS					
255.90	J951335	0.037	0.1	443				255.90													
257.18	J951336	0.0025	0.1	65																	
258.35	J951338	0.074	0.1	1470	258.35	Xqp		258.35	CL	6	PER	258.20									
259.60	J951339	0.025	0.1	477	261.24	Xq	Xqp	260.95	WM	6	PER	258.90	No Data								
260.95	J951340	0.033	0.1	186				259.40	No Data												
261.44	J951341	0.01	0.1	124																	
263.30	J951342	0.04	0.1	306	264.50	Xqp		262.00				263.30	1.5	VS							
264.50	J951343	0.174	0.1	433				264.50			264.40										
								265.18	WM	6	PER										
267.50	J951344	0.337	0.2	4950	268.50	Xq															
269.37	J951345	0.153	0.1	1190				269.17	Xqp		268.80				269.10						
									CL	6	PER	269.40	No Data	1.5	VN						

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDDH-10-025

Length (m)	286.51

Log Date 05/09/2010

Assays					Litho		Alteration			Mineralization																				
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur								
	J951346	0.029	0.1	278		Xqp			CL	6	PER		No Data																	
271.22					271.22							269.90																		
	J951347	0.106	0.2	852		Xqp							No Data																	
273.88					273.88			273.88				273.88																		
	J951348	0.131	0.5	935		Xq			WM	6	PER		0.5	VS																
275.42																														
	J951349	0.177	1	1300																										
277.48					277.80			277.80				277.80																		
	J951350	0.058	0.1	771		Xqp							0.5	VS	0.5	VN														
280.10					280.10																									
	J951352	0.186	0.1	1370																										
282.15						Xqp			CL	6	PER		1.5	VN																
	J951353	0.03	0.1	396																										
284.00																														
	J951354	0.0025	0.1	20	285.40																									
286.51					286.51	Xqp		286.51																						

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
9.14	24.38	Xqp	0	broken, rubbly interval of quartzose phyllite with two major foliation orientations wrt ca; rubble consists of rounded frags; present are few massive (few cm) thick bxd qz veins
24.38	25.20	Xqp	0	hornfelsed qzose phyllite; with 25% whitish, 1 mm feldspars randomly oriented and overprinting foliation; quartzite laminae inbetween phyllite laminae
25.20	25.90	GG	0	fault breccia+fault gouge; fragments of quartzose phyllite, ~30% of up to 6mm angular fragments in rusty fault gouge
25.90	27.43	Xqp	0	hornfelsed quartzose phyllite, broken, in some subintervals with ~35% feldspar?, whitish, 1 mm tabular crystals overprinting foliation and and a short, ~10 cm subinterval of phyl quartzite w about ~35% green amphibole? Cxl's partly aligned with foliation
27.43	36.55	Xqp	0	hornfelsed quartzose phyllite wit ~15% 1 mm whitish feldspar? overprinting foliation; fault breccia+fault gouge ~8 cm wide within the host, containing 35% of angular rock fragments of quartz and quartzose phyllite, @ 35m
36.55	68.15	Xqp	0	hornfelsed phyllitic quartzite w ~10% whitish 0.5 mm feldspars? Overprinting the foliation; some subintervals locally moderately oxidized and chloritized (see alteration section); also skarned from 42.6-48.7m; brecciated appearance of the host due to qz vein brecciation from 59.3-59.9m
68.15	70.50	Xq	0	dominatly quartzite with ~3% of quartz eyes, with a few ~30 cm subinterval of phyllitic quartzite; weak oxidation and sericite alteration
70.50	72.56	Xq	0	hornfelsed, silicified and chloritized quartzite with ~ last 50 cm pervasively oxidized; any original textures obliterated by silica-flooding; quartz eyes are dk grey to lt grey, subparallel with foliation, rounded, ~5% and stretched
72.56	81.41	Xqp	0	phyllitic quartzite
81.41	83.50	Xqp	0	dominantly phyllitic quartzite with ~ 40 cm subinterval of silicified and sericitic quartzite @ the beginning of this interval; with massive brecciated, metamorphosed mineralized vein within
83.50	89.50	Xqp	0	hornfelsed and skarned (garnet?) phyllitic quartzite with pinkish hue and local ~5% whitish ~1mm randomly oriented feldspar?;
89.50	96.50	Xq	0	dominatly slightly skarned (garnet?) quartzite alternating with phyllitic quartzite; both subintervals thick at 10 cm's scale; moderate abundance of ~cm's thick veins, brecciating host rock and incorporating fragments

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
96.50	100.70	Fp	0	light pink fg intrusion (0.5 mm whitish feldspars), <0.5 mm Kspars dominantly; brecciating the host rock, containing cm's sized angular fragments of host rock, finer grained at the upper contact; prone to strong cly (cream) alteration; lower contact with the host rock is sharp, heavily altered to clay and strongly mineralized (fresh py); upper contact is sharp; the intrusion with brecciated quartzite doesn't seem to be mineralized as much as the first half, also the patchily, pervasively oxidized quartzite at the lower contact doesn't seem to be as strongly mineralized as the host rock at the upper contact.
100.70	102.70	Xq	0	strongly oxidized quartzite, pervasive, patchy FeOxidn; 5% qz eyes as 2 mm in diameter, elongated, subparallel aligned with foliation
102.70	103.63	Xq	0	non-oxidized quartzite, very minor phyllitic laminae within the unit
103.63	105.75	Xq	0	strongly oxidized quartzite with ~ 5% grey elongated quartz grains subparallel foliation progressing at the short interval into a gritty quartzite
105.75	108.99	Xqp	0	moderately oxidized phyll quartzite, patchy oxidation; a few short intervals (~up to 10 cm) of qz eyed quartzite
108.99	110.34	Xqp	0	skarned phyll quartzite with abundant veining
110.34	111.43	Xqp	0	oxidized phyll quartzite
111.43	114.15	Xqp	0	skarned (garnet?) phyll quartzite; pinkish hue
114.15	115.43	Xqp	0	phyll quartzite
115.43	121.60	Xq	0	this quartzite is not homogeneous over the interval; it consists of short interval of qz eyed quartzite, skarned phyllitic quartzite and from 118.9-120.6m is brecciated by abundant cc veins randomly oriented; last ~ 1m subinterval is strongly oxidized broken quartzite
121.60	133.80	Xqp	0	dominant skarned (garnet?) phyll quartzite with a short subinterval of quartzite/quartzite w occasional qz eyes up to gritty quartzite
133.80	134.23	Xqp	0	skarned (garnet?) phyllitic quartzite: this short interval shows how gritty quartzite progresses into strongly deformed folded (folds at cm scale) with cgs minerals such ~ 2-3 mm qz, hornblende and feldspar; folds approaching appearance of kink bands
134.23	138.40	Xqp	0	skarned (garnet?) phyll quartzite, pinkish hue
138.40	140.85	Xqp	0	chlor+ser phyll quartzite
140.85	143.26	Xq	0	dominant ser'd quartzite with subinterval of skarned phyllitic quartzite
143.26	147.53	Xqp	0	skarned (garnet?) phyll quartzite with a short subinterval of ser'd phyll quartzite
147.53	149.35	Xqp	0	skarned (garnet?) phyll quartzite with "wormy" texture (see pics), which is created by folded quartzitic aggregates that almost look like the phyll quartzite was intruded by multiple qz veins that became later boudinaged and folded; it can be also a result of syn-deformational-depositional processes that would dismember sandstone fine beds intercalated with shale laminae

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
149.35	155.25	Xqp	0	skarned (garnet?) +partially ser'd phyll qtzite with a short interval of abundant veining (mfol) at 151.6-151.9 m
155.25	163.44	Kvl	0	dominantly fresh lamprophyre at the upper contact is intercalated with skarned phyllitic qtzite; only lamprophyre from 155.65m; last 1 m at the lower contact is partly ser'd and gougy at the sharp contact with qtzite; dominant mins are biotite, feldspar and quartz, bio and feldspar form phenocrysts and groundmass as well (qz abundant); phenocrysts: ~20% biotite, bladed, fresh, 4mm long, either randomly oriented or subll with flow within the intrusion; ~15% of white tabular feldspar, also randomly oriented or aligned with a local flow; lamprophyre is cross cut by occasional cc stringers/veins and one almost massive qz vein; groundmass is composed of 1 mm grains of 35% qz, 35% feldspar and 30% biotite; weakly mineralized: 1% fresh py
163.44	167.64	Xqp	0	skarned (garnet?) +ser'd phyl qtzite, with a short subinterval of folded phyl qtzite and heavily brecciated interval by quartz veins from 164.6-165.6 m
167.64	169.02	Xq	0	seritzd qtzite
169.02	171.85	Xqp	0	dominat ser phyll qtzite with minor subintervals of skarned phyl qtzite (pinkish hue)
171.85	173.31	Xq	0	ser'd and brecciated by qz veins mineralized qtzite
173.31	174.74	Xqp	0	skarned (garnet?) and seriticd phyll qtzite
174.74	175.54	Xqp	0	skarned phyll qtzite (garnet?)
175.54	176.60	Xqp	0	ser'd phyl qtzite heavily fractured and brecciated
176.60	177.60	Xqp	0	ser'd and skarned (garnet?) phyl qtzite, with a local crenulations and folds
177.60	179.83	Xqp	0	phyllitic qtzite with a few cm intervals of phyllite (shale) beds with wispy po along; in general, very clay, soft, talcy, falling apart interval
179.83	182.00	Xqp	0	skarnd (garnet?) phyll qtzite with pinkish hue;
182.00	186.43	Xqp	0	phyll qtizite with short skarnd intervals; skarnd interval with pinkish hue; a few massive qtzite beds at 10cm's scale intercalated with phyll qtzite; chlor altertn present all over, sr is stronger at ~1 m subinterval; a few vfol, are qz stringers, competent core; abundant deformed po, along foliation, crenulation, deformed, folded planes
186.43	188.05	Xqp	0	ser'd + chlor'd phyll qtzite with a few short intervals of hornfelsed rock with ~10%, 1 mm brownish biotite
188.05	189.70	Xqp	0	ser'd+chlor'd + veind phyll qtzite; veins are mfoland vfol, part of the interval silicfd,
189.70	190.98	Xqp	0	slightly skarnd (garnet?) ser'd+chlor'd phyll qtzite
190.98	192.90	Xqp	0	skarnd (garnet?) phyll qztite with pinkish hue, with rare vfol
192.90	194.40	Xqp	0	ser'd phyll qtzite with minor phyll laminae;
194.40	196.80	Xqp	0	skarnd (pinkish hue) /hornfelsed (~15%, 1 mm biot/hbl? across foltn) phyll qtzite; 1. 1/2 silicified, 2.1/2 hornfelsed; rare vfol

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
196.80	199.60	Xqp	0	ser'd+ vein bxd phyll Qtzite, more phyll parts hornfelsed (0.5-1 mm black blades of biot? or hbl?)
199.60	202.67	Xq	0	ser'd Qtzite with ~ 5%, ~1-2mm Qz eyes; these Qz eyes are round, sheared, well preserved texture of rotation during metamorphism, boudinaged (well preserved), round but shape of lens prevailing, of white/creamy colour resembling rather feldspar than Qz; Qtzite appears to be massive and dominantly without phyll laminae, pervasively ser't'd with ser't'd hairline fractures at 20 deg TCA
202.67	204.20	Xq	0	ser'd and chlor'd Qtzite with a short interval of bxd texture; with more abundant phyll laminae within a short interval
204.20	206.52	Xqp	0	ser'd phyll Qtzite with veins foliation; abundant Qz-fspar (?) fracturing
206.52	210.31	Xqp	0	ser'd phyll Qtzite with short skarned intervals (pinkish hue)
210.31	211.40	Xq	0	ser'd Qtzite with abundant hairline (yellow) fractures filled with Qz-fspar (?), some with cc
211.40	213.36	Xqp	0	skarned (pinkish hue (garnet?)) phyll Qtzite with abundant veins foliation that are brecciating the host
213.36	214.15	Xqp	0	skarned (garnet?) phyll Qtzite
214.15	217.11	Xqp	0	ser'd + veined phyll Qtzite with short skarned (garnet?) intervals
217.11	225.70	Xqp	0	skarned (pinkish hue- (garnet?)) phyll Qtzite with an interval of mass vein foltn; with some hornfelsed intervals as well (biotite, black, 1mm, randomly oriented)
225.70	227.80	Xqp	0	ser'd+silicified phyll Qtzite; abundant hairline Qz-ser fractures
227.80	229.15	Xq	0	ser'd and heavily fractured Qtzite+ claye soft feel
229.15	237.00	Xqp	0	ser'd and chlor'd phyll Qtzite with some intervals of veins foltn and mass vein foltn
237.00	238.10	Xqp	0	partly skarned (pinkish hue- (garnet?)) phyll Qtzite; chlor+ ser alteration;
238.10	239.50	Xqp	0	dominant ser+ chlor phyl Qtzite, abundant Qz veins, folded, heavily fractured and serict'd
239.50	242.20	Xqp	0	skarned (pinkish hue- (garnet?)) phyll Qtzite with occasional Qz vfol;
242.20	243.84	Xqp	0	veined and bxd phyll Qtzite with ser and chlor alteration
243.84	247.82	Xqp	0	hornfelsed phyll Qtzite with chlor and ser alteration
247.82	249.94	Xq	0	ser'd Qtzite; ser-Qz hairline fractures abundant
249.94	257.18	Xqp	0	skarned (pinkish hue- (garnet?)) ser+chlor phyll Qtzite with vfol at a few 10 cm's scale
257.18	258.35	Xqp	0	skarned (pinkish hue- (garnet?)) /hornfelsed (1 mm, creamy fspar?) phyll Qtzite with abundant Qz, Qz-fspar veining (vfol, vn)
258.35	261.24	Xq	0	dominantly quartzite intercalated with minor phyll Qtzite units; massive Qz-cl-sul vein in the last 50 cm of interval
261.24	264.50	Xqp	0	skarned (pinkish hue- (garnet?)) /hornfelsed (bio/hbl, fspar?) phyll Qtzite with a few massive Qz-cl-py veins
264.50	268.50	Xq	0	hornfelsed (hbl, green, ~2 mm) Qtzite with abundant Qz veining causing brecciation; minor, short phyll Qtzite subintervals

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
268.50	269.17	Xqp	0	chlor+ser+skarnd (garnet?) phyll Qtzite
269.17	271.22	Xqp	0	ser+chlor phyll Qtzite
271.22	273.88	Xqp	0	skarned (pinkish hue- (garnet?)) +chlor phyll Qtzite with 2 massive veins Qz-cl-sulph, Il foltn
273.88	277.80	Xq	0	ser Qtzite with abundant yellow hairline fractures, Qz stringers and massive veins Il foltn
277.80	280.10	Xqp	0	chlor+ser+skarnd (garnet?) phyll Qtzite
280.10	285.40	Xqp	0	chlor+slightly skarnd (garnet?) +slightly ser fg phyll Qtzite with abundant Qz veing in the last 2 m of the interval
285.40	286.51	Xqp	0	skarned (garnet?) +chlor mg phyll Qtzite; EOH

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
35.00	42.60	FEO	0	MnOx , black, strong, along vein selvages
60.30	61.50	FEO	0	mostly dominant iron oxide alteration with subinterval of chloritic+talc alteration
68.00	70.50	FEO	0	sericite alteration present dominantly in the massive quartzite
103.63	108.99	FEO	0	alt 3: sericitic altern;
116.70	120.63	WM	0	alt 1 is sericite alteration
134.23	140.85	CL	0	mostly chloritic alteration , minor subintervals of dominant sericite alteration
140.85	143.26	WM	0	dominant ser alteration with minor subintervals of dominant chlorite alteration; this intercalation of alteration coincides with lithology of rocks (sericite-quartzite, coarser grain; chlorite-phyll quartzite-finer grain); also skarnification is stronger and easily observed in phyll quartzite, weak or absent in quartzite
143.26	155.65	CL	0	dominant chlor alteration with talc observed on fractures and with a short subintervals of dominant sericite alteration
155.65	160.00	CL	0	weakly chloritized lamprophyre
160.00	161.90	WM	0	~ 1 m of lower end of lamprophyre is partially sericitized as well as the host rock continuing downhole; appears that in general, sericite alteration overprints chlorite alteration
161.90	177.60	WM	0	appears that in general, sericite alteration overprints chlorite alteration; ser is in bands, irregular patches or continuously pervasive in a short subintervals; in general dominant per the interval
210.31	211.40	WM	0	dominant ser altern
211.40	225.70	CL	0	dominant chlor altern with a few, short subintervals of ser altern
238.10	239.50	WM	0	ser altern dominant
239.50	247.82	CL	0	chlor altern dominant
247.82	249.80	WM	0	ser altern dominant

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
249.80	257.18	CL	0	chlor altrn domint with a short subinterval of ser altern
257.18	258.35	CL	0	domint chlor altrn
258.35	260.95	WM	0	domint ser altrn
260.95	264.50	CL	0	domint chlor altern
264.50	265.18	WM	0	ser+sil altertn domint
265.18	273.88	CL	0	domint chlor altern with a short subintervals with domint ser altern
273.88	277.80	WM	0	domint ser and sil altern
277.80	286.51	CL	0	domint chlor altern with a short subintervals with domint ser altern; EOH

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
11.65	11.70	SUL	0	Min1: silver sulphides? In MFOL
11.70	11.90	AS	0	Min 1 is a part of seritcd and oxidized laminae replacing original laminae (calc-silicate fine bed/ laminae?
41.10	41.20	CPY	0	min1: cpy?, it is fg, a cluster of a green copper oxidized colour, in association with FeOx
46.60	47.20	PY	0	both minerals occur in hairline fractures of skarned phyllitic quartzite; fg, mostly fresh, some of py and cpy oxidized
48.47	48.57	PY	0	fresh fg pyrite in microfractures of skarned phyllitic quartzite
53.50	53.60	PY	0	fresh fg py in fractures of skarned phyl qtzite
54.55	54.74	PY	0	fresh fg py in fractures of skarned phyl qtzite
54.86	55.00	PY	0	fresh fg py in fractures of skarned phyl qtzite
55.70	55.80	SUL	0	vn1: sulphides undifferentiated, very likely aspy (grey, metallic luster)
56.90	57.00	PY	0	fresh fg py in fractures of skarned phyl qtzite
58.00	58.10	PY	0	fresh fg py in fractures of skarned phyl qtzite
58.60	58.70	ASPY	0	in vuggy fractures
61.20	61.30	PY	0	fresh, fg py filling hairline fractures and microfractures
64.00	67.95	PY	0	fresh, fg sulphides located along microfractures and hairline fractures
73.80	74.30	PY	0	fresh, fg py in microfractures of skarned phyl qtzite
75.20	75.40	ASPY	0	fresh, fg blebs of aspy and py in microfractures of quartzite
76.82	76.92	PY	0	min 1: very likely in microfractures of the host: skarned phyl quartzite
78.90	79.00	PY	0	fresh fg py in microfractures of skarned phyl quartzite
79.60	79.70	PY	0	fresh fg py in vugs of qz stringer and in the area along the vn in the host rock

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
81.70	82.40	PY	0	str 4: hairline wgy fg qz veins/fractures appear not to be folded, @ 5-10 deg TCA and with fresh blebs of py within veins, located at the contact between vein and host (quartzite) and diss in quartzite: py mineralization seems to be one event (pic 101-758)
82.60	82.70	AS	0	vn1 that has as fresh, fg in fractures of the vein+undifferentiated sulphides (bk-gr colour)
83.70	83.80	AS	0	aspy and py in hairline fractures of silicified slightly skarned quartzite
84.10	84.30	PYCP	0	sulphides are in hairline fractures of skarned phyl quartzite
84.60	84.75	AS	0	fresh blebs of fg aspy in 2 mm or 1 cm thick qz or qz-tour veins @ 45 TCA
88.40	90.13	PY	0	all sulphides are fresh; min 5: aspy in qz stringer at 15 deg TCA
90.13	91.70	PY	0	min 2: py associated with tourmalinization; min 3: py in qz stringers at 20 deg TCS
91.70	98.66	SUL	0	min 1 and 2 represent sulphides in overall in this mineralized interval; min 3-6 shows what sulphides and at what amounts they occur; mineralized section covers mostly skarned and hrnfelsed phyl quartzite and the last 1.5 of intrusion breccia (intrusion b
100.60	102.80	ASPY	0	min3: vein is massive and vuggy, aspy forms euhedral grey 3 mm crystals in a cluster, py crystals are 1-2 mm, in occasional blebs
102.80	102.90	AS	0	min 1: in qz vein at 45 det TCA;
103.00	103.63	ASPY	0	min 3: in qz deformed vein
103.63	108.22	PY	0	min 4: in MFOL and VFOL; min 5: in hairline fractures and qz and cc stringers; min 6 is semimassive over a short, 1 cm interval (replacement bed)
108.42	108.52	AS	0	min 1: in microfractures of the host rock
109.10	109.30	ASPY	0	min 2 in qz vfol
109.30	109.50	PO	0	min 1 and 2 in vfol
109.75	109.85	PY	0	min 1 in qz vfol
110.24	110.40	PY	0	min 2 in qz-FeOx vn
110.50	110.60	ASPY	0	min 1 in both qz vn and in microfractures of mfol
110.90	111.00	PY	0	min 1 in qz-FeO vein/stringer
112.20	112.48	ASPY	0	min 2 is in qz-tour-FeO veins/stringers
113.50	113.55	PY	0	min 1 in mfol
114.30	114.60	PY	0	min 1 in qz veins/stringers cutting foliation, at 45-55 deg TCA
114.70	114.80	PY	0	min 1 ~ 1-2 mm clusters of fg py
117.20	117.70	ASPY	0	min 2 is fg py in qz hairline fractures; min 4 in qz vein with tour string in the center of the vein, aspy and py within the vein and around in the host rock
117.80	119.80	PY	0	min 2 is in qz veins/stringers/hairline fractures
121.90	124.10	PY	0	min 3 is in qz veins/stringers cutting across foliation; min 4 is in qz veins that have faded boundaries

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
124.80	125.00	AS	0	min 1 in qz vein at 45 deg TCA; also in qz vein that was offset by a few cm and seems to be subll foliation (see pic)
125.16	126.30	AS	0	min 4 is qz stringers and veins
131.20	131.50	PY	0	min 1 is in fracture of vfol; min 2 is in vein selvage of vfol-nod vein
135.10	135.50	PY	0	min 2 is in qz stringers; min 4 is in vfol
135.90	136.00	PO	0	min 1 is po deformed, wispy and blebby constarined in heavily chloritzd and ser'd band
136.40	136.50	PO	0	min 1 is vfol
137.20	137.40	PY	0	min 1 is in cc-qz stringers
138.20	138.40	AS	0	min 1 is in cc stringers
138.60	138.80	AS	0	min 3 is in qz stringers
138.80	140.00	AS	0	min 1 is qz veins-cutting foliation, nod (not deformed)
140.30	140.40	PY	0	min 1 py in qz vein/stringer, cutting foliation, nod
141.35	141.50	AS	0	min 1 in qz vein with ser selvages, faded boundaries
141.60	141.80	AS	0	min 2 is qz vein cutting foliation, nod, at 45 deg TCA
142.80	143.26	PY	0	min 2 is qz vein cutting foliation and at 45 deg TCA
144.10	144.50	AS	0	min 1 is in qz vein with faded boundaries, bleache a few mm envelope; min 2 in qz stringers
145.50	146.10	ASPY	0	min 2 is in hairline qz fractures
147.10	149.20	AS	0	min 1 is in qz veins cuttin foliation, at 45 deg TCA; min 2 is in qz hairline fractures
149.75	151.47	AS	0	min 1 is in qz stringers cutting foliation; min 3 is in hairline fractures that are iron oxidized
151.47	152.40	ASPY	0	min 1 in qz veins at 45 deg TCA; min 2 in mas vein selvages and surrounding host rock;
153.20	153.50	ASPY	0	min 1 in qz vein at 20 deg to CA; min 3 in selvages of mas vein; min 4 in qz hairline fractures
153.70	154.00	ASPY	0	min 1 in qz hairline fractures/stringers
154.30	154.40	AS	0	min 1 in qz vein and vein selvages at 15 deg TCA
155.25	155.40	PY	0	min 2 is in qz vfol-def
155.65	161.60	PO	0	in lamprophyre which is weakly magnetic
161.60	164.59	PY	0	min 3 and 4 in qz veins and their selvages at 40 deg TCA; min 5 in qz vfol or mfol; min 6 in qz mfol
164.59	165.80	ASPY	0	min 2 in hairline fractures and qz filling hairline fractures; in qz stockwork, in vein selvages and qz stringers; sulphides are fresh, diss, bl and up to 15% in total; this interval is vein strongly brecciating metasediments; could be a good mineralized
165.80	169.02	ASPY	0	all mineralization is in qz filled hairline fractures/stringers and veins cutting foliation, veins at 45 deg TCA
170.00	170.80	ASPY	0	all mineralization in qz hairline/stringers/vfol/mfol
171.10	171.20	PYPO	0	min 2 in qz hairline fractures
171.90	172.50	ASPY	0	min 1 in qz stringers and hairline fractures

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
172.50	173.30	ASPY	0	mineralization in qz hairline/stringers and veins, in strongly veined/brecciated metasediments
176.60	177.60	PY	0	min 4 in qz vfol
177.60	179.20	PY	0	min 2 in cc stringers at 0-10 deg TCA; po is common along deformed surfaces (fol, cren, fod), also as bleb-aggreg in lith
180.60	180.65	PYCP	0	min 1 is in qtzite
182.88	183.20	PO	0	min 2 in hairline-stringer qz(?) with dominnat po filling
183.20	183.50	PO	0	min 1 is deformed po blebs and aggregates; min 2 in qz hairline fractures
184.90	185.80	PYCP	0	min 1 and 2 occurs in bl, aggreg in qtizte subintervals, disseminated, very likely brought by qz veins (silica fluid permeating the qtzite); blebs of fresh py and cpy in qz veins, stringers and hairline fractures 0-20 deg TCA; min 4 in fractures of veins
188.20	188.70	PYPO	0	min 2 and 3 is in qz vfol; aspy in form of clusters of euhedral, ~5 mm big crystals
188.80	189.30	PO	0	min 2 in qz vfol, mfol
189.30	190.98	PO	0	min 3 is in fractures of qz vfol; min 4 in form of dis blebs in lith (qtzite); min 7 is in qz stringers at 20 deg TCA
192.40	194.40	AS	0	min 2 is mostly in vein selvages and in the area around, but also in qz-cc stringers and qz hairline fractures; min 3 restricted to 2 cm thick fine bed where aspy very likely filled pores (after dissolution of CC?); this interval is seric'd and veined;
194.70	195.50	PO	0	min 2 occurs over 3 cm subinterval within this interval; aspy along qz hairline fractures/stringer
196.10	196.30	PO	0	min 2 in qz-cc hairline fractures/stringers
197.40	198.12	PY	0	min 2 in qz vein selvages
198.20	204.22	ASPY	0	fairly well mineralized interval-seric'd and brecciated by feldspar ? (yellowish hard mineral) before the end of the interval (pic 101-0780); silicifd with obliterated foliation; min 3 is in form of clusters of coarse, euhedral crystals of aspy (with fra
204.30	206.40	PY	0	min 2 is in qz hairline fractures/stringers; miin 3 is aspy and py in bl in fractures/vugs of veins (vfol, mfol)
206.70	208.20	ASPY	0	min 1 is aspy and py in mfol (in fractures and/or vugs); min 3 is in a host rock preferentially concentrated in a strongly chloritized ~3 cm wide subinterval; min 4 is py dis along fractures
208.30	212.12	PO	0	min 1 is blebs of po in vein fractures and vein selvages or in the host incorporated in vfol/mfol; min 2 is in qz stringers randomly oriented
213.20	213.90	PY	0	min 3 in qz stringers
215.00	217.11	PO	0	min 2 is in the middle fracture of qz vfol; min 4 and 5 in qz selvages and mfol/vfol fractures
217.80	221.67	PO	0	min 2 is py in hairline fractures
221.67	224.00	AS	0	min 1 and 2 in qz vfol and mfol; min 4 in qz vfol; min 6 is aspy in qz or qz-fspar-tour veins cutting across foltn

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
224.60	230.28	ASPY	0	min 1 in form of bl or dis aspy and py in qz hairline fractures/stringers; min 2 tends to be diss away from qz stringers (at cm scale)
230.28	231.00	ASPY	0	min 1 in form of bl or aggregates of aspy and py vrystals, mostly in qz vein selvages and away from them, vein margings are faded; min 2 is in qz hairline fractures/stringers, mostly diss/bl py; min 3 is qz vfol
232.20	235.20	ASPY	0	min 1 is aspy in blebs in qz hairline fractures/stringers and veins, cutting across foltn; min 2 in qz vfol
235.50	236.10	PYPO	0	min 1 in qz vfol; min 2 is in qz hairline fractures and stringers
236.80	237.80	ASPY	0	min 1 in qz hairline fractures; min 2 is in vfol; min 3 is in fravctures of vfol
238.30	238.50	AS	0	min 1 in qz vfol selvages
240.30	240.50	PYPO	0	min 1 is in qz-cc stringers at 0 deg TCA
240.90	242.00	PO	0	min 2 in qz vfol; min 3 in qz hairline fractures/stringers
242.30	243.80	ASPY	0	mineralized interval (bxd texture, fractures); min 1 in qz hailrine/stringers cutting across foliation; min 2 is in qz-tour-fspar-cc vein; min 3 in qz vfol, vfol selvages; min 4 is in qz mfol selvages
244.40	245.70	PO	0	min 1 in qz vfol; min 2 in qz vfol, but also in qz hairline fractures/stringers; min 3 in qz planar vein at 50 deg TCA;
247.90	249.70	ASPY	0	min 1 in set of subll qz veins (~3mm wide), at 0 deg TCA, also in qz-cc hairline fractures and qz-cc stringers
252.20	255.90	PO	0	min 2 in qz vfol, folded veins and vein selvages; min 4 in qz vein selvages, veins, but also qz stringers; min 5 in qz vfol selvages
257.30	258.20	ASPY	0	min 1 are fresh blebs of aspy and py in vein, vein selvages and away from them
259.40	261.40	PY	0	min 3 in fractures of qz massive veins ll foltn; min 4 in form of needles in vugs of massive qz vein
262.00	263.30	ASPY	0	min 1 in form of diss crystals along qz hairline fractures/qz stringers and thin qz veins cutting across foltn at 40-50 deg TCA; min 3 in qz vein (vfol) selvages
264.40	268.40	PY	0	aspy and py in vein selvages and fractures in veins-dominantly vfol and mfol veins, some occasional qz-chlor veins cutting across foliation
268.80	269.10	ASPY	0	min 1 in hairline fractures in qz veins and host rock, cutting across foliation
269.40	269.50	AS	0	min 1 in qz-fspar planar vein, ~3 mm thick
269.90	270.10	PY	0	min1 in fractures and dis in lith
270.90	273.88	PY	0	min 1 in qz, qz-fspar veins, selvages (vfol and mfol); min 2 in qz hairline microfractures, qz stringers, qz-chlor mfol;
273.88	277.80	PY	0	min 1 in form of 1m fresh py diss in the host, some short, a few cm subintervals with up to 10% py; min 2 in open fractures or qz hairline fractures; min3 in qz vfol, mfol and vn, mostly in selvages; in general thi is ser'd and veined, bxd, fractured int

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
277.80	282.15	PY	0	min 3 in qz, fspar hairline fractures; min 4 in qz vfol and mfol selvages, in vein fractures; min 5 in qz and qz-fspar veins cutting across foliation at 30 deg TCA
282.15	284.20	PY	0	min 1 is in form of occasional py in vfol fractures and their selvages; min 2 is dis aspy and py in qz hairline fractures

VEINS

mFrom	mTo	Vein1	Relog	Comments
9.70	9.85	QZ	0	VFOL1 are folded, brecciated and brecciated fragments folded to ("quartz sweats"); VFOL2 contain tourmaline? (black elongated crystals in vn selvages and within a vn, soft, scratch brown-biotite then?);
9.85	11.00	QI	0	all veins are iron oxidized along fractures and also in a patchy nature from contact/fracture inward; tourmaline in veins is located either along the vein selvage or in the vein; tourmaline forms bladed black crystals ranging from 1-3 mm in length
20.00	24.40	QI	0	all veins are folded, brecciated, iron oxidized
25.00	30.10	QI	0	veins are brecciated, fractured
35.00	37.00	QI	0	all veins have iron oxides on fractures, including qtz-tour veins; tour is usually located at vein selvages and it is black, bladed, 0.5-3mm long crystals; some qz veins are faulted with an offset of a few mm; vugs in veins range from 2-15mm
39.00	41.00	QI	0	many vfol are rimmed by black thin 1mm of MnOx
42.00	46.00	QI	0	some of iron oxidezed fractures have 0.5mm wide bleached, creamy envelope
48.00	51.00	QI	0	vn2 has feox in vein selvages and very fine hairlike black needles (tour? Or metallic needles?)
51.00	57.00	QI	0	vn2 appear to have FeOx in vein selvages; a few veins appear to be subll and cross-cut other FeOx stringers; vn1 appear as cm scale discontinous (lenses) ll foliation; vn4: fg qz veins are vuggy and these vugs are filled 0.5 mm tour black needles
60.50	62.00	QI	0	vn3:originally qz lenses subll foliation, overprinted by feldspar (albite?-whitish-creamish, tabular , ~3-5 mm crystals filling likely vugs in qz veins/lenses together with black tourmaline, 2-4mm crystals; both minerals are located anywhere in the veins/
64.00	68.00	QI	0	vn3 has two colours: black for tour and creamy for feldspar;
71.00	72.00	QI	0	vn2: sulphides are py and po, fg, fresh, filling the fractures in veins; as the veins are hosted by quartzite which appears to be silica flooded, even quartz vein boundaries seem to be fade wrt to qz veins in laminated/thinly bedded metaseds; tour can als
72.00	75.30	TML	0	vn3: rare, gy, fg aggregate (2mm) of aspy

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
75.30	78.00	QI	0	vn1: vein lenses dominantly (folded veins); vn2 can be up to 2 mm, thick with fg fresh py; vn3: cutting across foliation and has an FeOx envelope, ~1 mm wide emanating into fractures subll to foliation;
78.00	81.20	QI	0	vn3: qz-tour vein with black, bladed 2-3 mm tour crystals in vein selvages and in vein fractures
82.00	85.00	QI	0	vn 3: hairline wgy fg qz veins/fractures appear not to be folded, @ 5-10 deg TCA and with fresh blebs of py within veins, located at the contact between vein and host (quartzite) and diss in seriticd and silicfd quartzite: py mineralization seems to be one
85.70	86.50	QS	0	vn1 style: some of these veins contain blebs of po, some blebs of py
87.00	89.50	QI	0	vn 2: hm-ser stringer at 45 TCA
90.00	91.70	QIS	0	vein 1: contains rare sulphides: py, aspy; vn 2: tourmaline stringers and tour in hairline fracs, some of them sub parallel to foliation surfaces, associatedx w dis py
91.70	97.18	QIS	0	vein 1: ~3% bl sul (py>aspy>cpy) ion fractures and vugs opf veins; vn 2 are qz veins/string/hairline style veins with ~10% sul (py>aspy> cpy), at 5-20 deg TCA; they have a fracure fill appearance (pic 101-0761-0763)
100.70	102.90	QZ	0	vn2: rare fresh aspy and py +rare oxidzd sulphides; vn3: rare fresh py+oxd sulphides; vn4: fresh occasional py; vn5: hairline fractures filled with qz and fresh occasional py+oxid sulph; vn 6: 3% Fe Ox hairline fractures, randomly oruiented, with occasio
103.70	105.75	QIS	0	vn 2: py, aspy; vn 3: thin veins with faded boundaries, the type that causes very likely silicification fo the qtzite; vn4: deformed qz veins subll foliation contain clusters of intergrowth of aspy and py
111.70	112.48	QTS	0	vn 1: iron xodized qz vein with occasional tour black, 2 mm needles, strongly mineralized by py; py seems to be overprinting this set of qz-tour veins as the whole lithol interval is mineralized dominant by fresh py; tour anywhere in veins, py mostly in v
115.00	120.50	CC	0	vein 1 are cc hairline fractures, sringers and occasional veins; at 119-120m the are very abundant (30%) and brecciate the metasediments; no mineralization seems to be residing in them; vein 3 is qz-tour-py vein at 45 deg TCA with faded boundaries
121.80	124.97	CC	0	vein 2 is cutting foliation, at 45 deg TCA, with faded boundaries; some of these aspy bearing veins are vfol also with faded boundaries
128.80	130.00	CC	0	vein 2 iron oxidzd fractures are randomly oriented and cutting each other
134.10	134.50	QS	0	vein 1 contains blebs of py
135.20	135.50	QS	0	vein 1 contains blebs of py and po;
136.30	138.40	QZ	0	veins 4 contains aspy blebs
139.60	143.26	QAS	0	vein 1 is at 45 deg TCA, cutting foliation, with faded boundaries; vein 3 are hairline qz fractures, persistent at cm scale with bleached envelopes

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
145.30	146.30	QZ	0	vein 1 are persistent hailine qz fractures with bleached envelopes
146.30	148.60	QZ	0	vein 1 and vein 2 seem to be subll set of veins cutting foliation, at 35-45 deg TCA
148.60	151.47	QZ	0	vein 1 is qz hairline fractures/stringers persistent, cutting foliation
151.47	153.40	QAS	0	vein 2 is qz veins at 45 deg TCA, with faded boundaries tend to have ser altertn around with ~ 5% diss py and aspy; vn 3 is qz-fledpsar aspy and py vein cutting foliation and at 20 deg TCA
153.40	155.35	QFS	0	vein 1 is cutting foliation and has creamy feldspars concentrated in cluster ~1 cm in diameter; vn 3 is qz hairline fractures with bleached envelope
155.35	161.20	CC	0	vein 1 is cc veins/stringers/hairline fractures, seem to be oriented set of veins at 50 deg TCA
161.20	164.59	QS	0	vein 1 contains diss aspy and py, can have diffuse boundaries, at 30-50 deg to CA; vein 2 can contain rare blebs of po and euhedral aspy (likely filling the vugs); vein 3 contains either aspy blebs or py blebs, can have diffuse margins and diss sulph arou
164.59	165.40	QZ	0	vein 1 brecciating metasediments intnesively;
166.40	169.02	QS	0	vein 3 are qz veins with sulphides located within or in vein selvages;
171.85	172.30	QS	0	sulphides are fresh aspy and py
172.30	173.30	QZ	0	vein 1 includes all brecciated qz and metaseds that cary `15% suplhides diss along fractures, brecciated host rock and in within veins (pic 101-0772-0775); this quartz can be vfol, mfol, but also qz hairline fractures and stringers; strongly sericitized
173.30	177.60	QS	0	this section has minor veining, but contains py and po diss along foliation (=microfractures subll foliation); sulphides in vein 1 are py and po
177.60	178.00	CC	0	vein 1 can be hairline fractures or stringers
184.40	185.80	CC	0	vein 3 and 4 are not deformed, persistent for 10 cm, about 5-10mm thick, w blebs of fresh py and likely cpy as well; they are at 15 deg TCA
187.80	188.80	QS	0	sulphides in veins are py and po, in fractures of veins
189.20	189.50	QS	0	py, po and likely cpy in the vein 1
191.90	192.90	QZ	0	vn 3 are qz-asy py veins, cutting across the foliation, pinching, at 35 deg TCA
192.90	194.40	QS	0	vein 1 is in form of qz veins/stringers cutting across foliation at various angles, prevailing angle 0-50 deg TCA; hevily ser'zd interval and silicifd; vn 2 is qz vfol (I think there might be very likely more types of vfol, therefore some vfol are old met
194.40	196.80	QS	0	vein 1 has blebs of po; vn2 has blebs of aspy
196.80	203.98	QS	0	vein 1 has aspy and py clusters, euhedral crystals from 1-5 mm, in veins, but mostly in vein selvages and outside of vein margins, veins have commonly faded margins, ~7 mm thick; vn 2 has py-asy py in fractures of these veins, veins appear wavy, folded, but
203.98	204.70	QS	0	vein 1 contains py
204.70	204.80	QAS	0	vein 1 contains rare bl of aspy

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
205.20	206.52	QZ	0	vein 4 has py
206.72	206.82	QS	0	vein 1 contain aspy and py
208.52	208.72	QS	0	vein 1 contains py; vein 2 has qz fg and fpar (~10%) yellow-rusty, mg, filling vugs
209.90	210.10	QPY	0	vein 1 py in fractures of the vein
211.50	213.36	QS	0	vein 1 are set of vfol brecciating host rock, sometimes the vfol are so close that they appear to be a massive vein separated by brecciated pieces of the host rock; it is common to see in all vfol and mfol chlorite (from the chloritized fragments of the
214.50	217.00	QS	0	vein 1 are py, spy, aspy and po in fractures and vugs of these veins, veins brecciated metaseds; vein 2 contains black strings (45%) (tour?) filling the fractures in the vein +chlorite from incorporation of small fragments of host rock; contains py in the
221.67	222.70	QS	0	vein 1 is vfol/mfol type with aspy in fractures of vein; vein 2 is pinching qz vein with blebs of po, cutting across foliation
222.70	223.20	QAS	0	vein1 is a massive vein with rare blebs of aspy; it is actually difficult to say if it is mfol, but the contacts with the host rock are subll foltn; vein appears deformed but all I can say is that is wavy, irregular, brecciating host rock and incorporati
223.20	225.70	QFT	0	vein 1 is qz (gyl)-fspar? (creamy)-tour (bk)-cc a few mm qz vein with with tour at the margins and a few blebs of aspy in vein selvages and dis away from vein margins; this vein is cutting across foliation, at 45 deg TCA; vein 2 is qz-fspar-tour vein but
225.70	229.15	QS	0	vein 1 contains bl of aspy and py, mostly in vein selvages and away from vein margins; vein 2 are qz-ser-feldspar hairline fractures and qz stringers randomly cross-cutting foliation
229.15	230.28	QF	0	vein 1 is feldspar overprinting qz vfol; vein 2 is hairline fractures, some of them filled w dis py and aspy; vein 3 is qz stringer at 45 deg TCA, with ser envelope (~3mm) and dis py in the envelope)
230.28	234.40	QS	0	vein 1 is qz-py,po vfol; vein 2 are qz-asper veins, planar, ~ 10 mm wide or less, with faded margins; vein 3 are cc hairline fractures, sometimes with diss py
237.00	238.00	QS	0	vein 1 contains po and aspy blebs
238.30	239.50	QS	0	vein 1 are abundant ~ 3mm qz+/-aspy veins, discontinuous, lensoidal, folded; vein 2 are planar, thin qz veins, some with py
239.50	242.20	QZ	0	vein 1 can contain an occasional py bl
242.20	243.80	QS	0	vein 1 can contain aspy and py and po bl , mostly along vein selvages; vein 2 is qz-wh fspar-bk tour vein at 0 deg TCA, w aspy blebs within
243.80	247.82	QZ	0	vein 1 is set of vfol, occasional in this interval, can contain bleb of po; one vfol is mfol (~5 cm wide); vein 2 are rare qz-asper veins/stringers cutting across foltn at 45 deg TCA
247.82	248.80	QPY	0	vein 1 is a set of subll qz veins (~3mm wide) with diss py, at 0 deg TCA; vein 2 are qz hairline fractures/ stringers with aspy and py blebs, at 0-40 deg TCA

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
248.80	257.18	QS	0	vein 1 are vfol with occasional blebs of aspy, py and po, they tend to be a few 10 cm's apart; vein 2 are irregular qz veins at 0-50 deg TCA, with occasional sulphides: po and py
257.18	258.35	QCL	0	vein 1 rare sulphides (po); vein 2 with gy qz and creamy fspar within the vein with diss and feqw mm aspy cxtals; vein 3 congains rare suplhides (py and aspy), at 45 deg TCA
259.00	259.60	PY	0	vein 1 are fractures at 45 deg TCA
259.60	259.80	QCS	0	vein 1 contains rare, 2 mm aspy crystals
260.95	261.44	QCS	0	vein 1 contains stibnite?, py and po in fractures
261.90	263.30	QCS	0	vein 1 contains rare py, po and aspy in fractures
264.40	266.50	QCS	0	both vein types 1 and 2 contain py in fractures; vein 3 contains dis occasional aspy
268.30	272.80	QS	0	vein 1 contains py and aspy, mostly in vein selvages
272.80	273.88	QCS	0	vein one contains chlortzd fragments of host rock and occasional crystals of py and aspy mostly in vein selvages; vein to are irregular fractures filled mostly with py and aspy;
275.40	275.60	QCS	0	vein 1 contains mostly py in selvages
275.60	277.80	QS	0	vein 1 are veins with faded margins, py and aspy in selvages, also include qz stringers and hairline fractures; vein 2 are open planar and irregular fractures filled mostly with py, cpy? Aspy?; vein 3 appears unmineralized and undeformed; this interval is
277.80	282.15	QS	0	vein 1 are qz hairline fractures and stringers, sometimes with sulphides such py; vn 2 are qz planar veins with faded margins and cutting across foliation and 30 deg TCA, contains aspy; vein 3 are qz vfol mostly with py in their selvages
282.15	286.51	QCS	0	vein 1 are qz vfol spaced at every ~30 cm, with occasional py in their selvages or fractures; vein 2 are qz mfol with occasional py in their fractures and selvages; veins are folded

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
9.14	15.38	FOL	0	Struc 2 is a short interval ~20 cm, coincides with aspy replacement bed
23.64	30.12	FOL	0	Struc 2: contact between fault gouge/breccia and competent rock is strong, well defined, -45 degrees wrt CA
45.65	50.24	FOL	0	fracture is ~3mm wide, resembles a microfault breccia, filled with fg iron oxides (cement) and ~2mm angular fragments of the host rock

Project Gold Dome (Sheelite) - Yukon
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Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

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50.24	54.75	FOL	0	vn in this case is a folded quartz lens that resembles qz veins and lenses subll to foliation, but not this time, it clearly cuts the foliation at the angle; other quartz veins also cut foliation, at 45 degrees TCA. Iron oxidized fractures are of strong intensity and at 30 deg TCA; a few quartz veins are subll (0-5 deg)TCA-they are also iron oxidezed, 5 mm wide, deformed, vuggy and offset; tour vn of strong intensity at 80 TCA
54.75	59.02	FOL	0	thin qz-FeOx stringers (1-2mm), vuggy, of strong intensity, at 50 deg TCA; FeOx fractures of strong intensity at 65 deg TCA
59.02	63.45	FOL	0	a massive vuggy qz vein at 45 deg TCA, the rest of qz lenses, veins are ll foliation
63.45	67.95	FOL	0	iron oxidized fractures and qz veins/lenses subll foliation
67.95	72.56	FOL	0	other qz subll foliation
72.56	76.92	FOL	0	str 2: qz-tour-feld stringer; str 3: tour vein, 2 mm wide, fg, cutting across foliation (-75)
76.92	81.21	FOL	0	str 2: qz-tour vein
81.21	85.60	FOL	0	str 2: qz-tour-sulph vein with qz oxidz on fractures, tour either in vein selvages or within a vein, aspy in blebs within vein and in the contact zone with quartzite, aspy seems to be unrelated to qz and tour; str 3: qz fmg wgy vein at 30 TCA, mineralized (fresf py) in vein selvages and within the vein (seem to fill microfractures in vein); str 4: hairline wgy fg qz veins/fractures appear not to be folded, @ 5-10 deg TCA and with fresh blebs of py within veins, located at the contact between vein and host (quartzite) and diss in quarzite: py mineralization seems to be one event (pic 101-758)
85.60	90.13	FOL	0	str 2: thin qz vein/stringer with fresh py, offset vein
90.13	94.49	FOL	0	str 2: qz wh fg vein with fresh py, offset vein
94.49	98.66	FOL	0	str 2: qz vein within ser-scor bed; a number of thiner qz veins/stringers have the same angle 35-45 TCA; str 3: contact between intrusion and metaseds 15 deg TCA; str 4: fractures with Feox and fresh py 45 deg TCA
98.66	103.63	FOL	0	str 2: qz vein with occasional fresh aspy and py; str 3: FeOx, FeO+qz ; hairline fractures persistent at cm's scale at 45 TCA; str 4: lower contact of intrusion breccia and quartzite at 40 deg TCA
103.63	108.22	FOL	0	str 2: cc hairline fractures
108.22	112.48	FOL	0	str 2: qz-FeOx +/-tour veins; str 3: FeOx persistent fractures;
112.48	116.70	FOL	0	str 2: qz veins; str 3 cc stringers/hairline fractures at 25 deg TCA
116.70	120.93	FOL	0	str 2: cc vein; str 3: cc-FeOx veins at 0-5 deg TCA; str 4: qz veins , some of them mineralized by py and aspy, cutting across foliation, at 45 deg TCA
120.93	125.16	FOL	0	str 2: qz vein, sometimes mineralized by aspy and py; str 3: cc hairline fractures and stringers at 10-35 deg TCA
125.16	129.78	FOL	0	str 2: qz veins, sometimes mineralized by aspy; str 3: FeOx fractures at 45 and -50 deg TCA;
129.78	134.23	FOL	0	str 2: qz hairline fractures; str 3: fold axes at 85-90 deg TCA

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
134.23	138.40	FOL	0	str 2: cc stringers; str 3: hairline qz fractures at 10-30 deg TCA
138.40	142.74	FOL	0	str 2: cc stringer set; str 3: qz veins at 45 deg TCA
142.74	147.15	FOL	0	str 2: qz veins; some of them are minerlzd with aspy
147.15	151.47	FOL	0	str 2: qz veins; str 3: qz veins/stringers at -50 deg TCA; str 4 tour vein/stringer at 50-60 deg TCA; str 5: qz filling fracture at 5 deg TCA
151.47	155.92	FOL	0	str 2: qz veins/stringers, some of them minerlzd with aspy;
155.92	160.48	VN	0	str 1: cc veins in lamprophyre
160.48	164.59	FOL	0	str 2: qz veins, sometimes mineralized with aspy; str 3: qz veins at 10-30 deg TCA;
164.59	169.02	FOL	0	str 2: qz veins; str 3: qz veins at 30 deg TCA
169.02	173.41	FOL	0	str 2: cc veins; str 3: qz veins/stringers at 60 deg TCA
173.41	177.60	FOL	0	str 2: qz in fractures, angle vary between 5-40 deg TCA
177.60	182.00	FOL	0	str 2: cc hairline fractures at 10-20 deg TCA
182.00	186.43	FOL	0	str 2 qz-py-cpy vein, 7 mm thick; str 3 cc fractures/stringers at 0-50 deg TCA
186.43	190.98	FOL	0	str 2 cc stringers;
190.98	195.35	FOL	0	struc 2 is qz veins btw 0-45 deg TCA
195.35	199.60	FOL	0	struc 2 is deformed, folded? Qz-asy py veins btw 0-40 deg TCA; struc 3 hairline fractures at 0-15 deg TCA
199.60	203.98	FOL	0	struc 2 is qz-sulph vein between 15-45 deg TCA, planar; struc 3 sulph+/- cc hairline fractures at 0-10 deg TCA
208.32	212.72	FOL	0	str 2 are qz hairline fractures
212.72	217.11	FOL	0	str 2 is stringer/fracture, ~2 mm thick filled with fg py
217.11	221.67	FOL	0	str 2 are occasional qz hairline and stringers and the angle varies between 40-50 deg TCA
221.67	225.94	FOL	0	str 2 is qz-fspar-tour-asy py vein; str 3 are qz-po veins at 55 deg TCA; str 4 are qz-ser-fspar? Stringers and hairline fractures at 50 deg TCA
225.94	230.28	FOL	0	str 2 covers qz stringers/hairline fractures/thin veins with sulphides (angle varies between 0-50 deg TCA);
230.28	234.70	FOL	0	str 2 are planar qz veins w aspy in vein selvages; str 3 hairline qz-cc+/-py-asy py fractures at 60 deg TCA
234.70	239.21	FOL	0	str 2 includes qz hairline fractures/stringers with sulphides (py and aspy) at 10-50 deg TCA
239.21	243.60	FOL	0	str 2 includes qz hairline/stringers with dis py and aspy at angles between 30-50 deg TCA; str 3 qz-tour-fspar vein w aspy at 0-5 deg TCA;
247.82	252.70	FOL	0	str 2 is set of ~3 mm qz-py vn and cc hairline fractures at 0-8 deg TCA
252.70	257.18	FOL	0	str 2 are qz veins +/- po and cc hairline fractures; str 3 are cc hairline fractures and and qz-cc vein at 0-5 deg TCA

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-025
Length (m) 286.51
Log Date 05/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
257.18	261.24	FOL	0	str 2 is a massive qz-cl vein cutting across foltn;
261.24	265.55	FOL	0	str 2 is qz-fspar stringer, planar and offset; str 3 are qz veins with aspy at 50 deg TCA; str 4 are qz hairline fractures/stringers with py at 40 deg TCA; str 5 are qz hairline fractures at 0-10 deg TCA
265.55	269.37	FOL	0	str 2 are qz-fspar stringers bleaching the host they intrude (2 cm wide envelope-pic 101- 0781 vs 0782 with qz - aspy stringers bleaching a whole interval: sericite alteration of the coarser-qtzite unit??); str 3 are qz-fspar stringers/hairline fractures at 0-20 deg TCA;
269.37	273.88	FOL	0	str 2 are qz-fspar stringers with aspy;
273.88	277.80	FOL	0	str 2 are qz-fspar stringers/veins with aspy; str 3 are qz-py planar veins with faded margins, also qz-py stringers at 50 deg TCA; str 4 are sulph (py) fractures at 5-20 deg TCA
277.80	282.15	FOL	0	str 2 are qz-fspar 3 mm , light orange veins; str 3 are qz-asy veins with faded margins at 15 deg TCA;
282.15	286.51	FOL	0	str 2 is qz-asy vein, planar with faded margins and bleached, 1 cm envelope; str 3 are traces of fold axes, well defined, subll with foltn (75-85-90 deg TCA); str 4 are qz stringers/hairline fractures+/- py at 45 deg TCA

Project Gold Dome (Sheelite) - Yukon

Area Hawthorne

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-026

Length (m) 234.76

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 31/07/2010

Date Finished 03/08/2010

Other Hole name AUD-012-Haw

Cassing Pulled No

Cassing (m) 12.19

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Irma Gabric

Target

Log Date 13/09/2010

Hole Comments logged by Irma Gabric down to 186.68m and from by Karin Fecova from 186.68 to EOH; no downhole survey; survey tools: GPS and compass; 65 NQ2 rods lost in hole

Collar survey Date

Survey By Karin Fecova

Method Handheld GPS

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	438,638.00	7,072,074.00	1,454.50	300.00	-50.00
Preferred	UTM83-8	438,638.00	7,072,074.00	1,454.50	300.00	
Local	LOCL_AuDom	5,453.21	7,379.37	1,454.50	345.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10143058	13/10/2010	70.50	137.70	0
ALS	QC-OK	TR10144057	13/10/2010	12.19	70.50	0
ALS	QC-OK	TR10148540	21/10/2010	156.26	218.26	0
ALS	QC-OK	TR10148541	21/10/2010	137.70	156.26	0
ALS	QC-OK	WH10150444	28/10/2010	218.26	234.76	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I097309	86.50	88.50	2-FDU	0	0.09	2.71	TR10143058
I097340	142.26	144.26	2-FDU	0	0.01	1.44	TR10148541
I097358	174.26	176.26	2-FDU	0	0.58	2.46	TR10148540
J951361	197.40	199.33	2-FDU	0	0.01	2.25	TR10148540
I097281			Blk	0	0.00	0.43	TR10144057
I097321			Blk	0	0.00	0.44	TR10143058
I097350			Blk	0	0.00	0.53	TR10148540
I097314			SRM_GS10C	0	9.56	0.06	TR10143058
I097286			SRM_OR-15h	0	1.10	0.09	TR10144057
J951375			SRM_OR-16b	0	2.19	0.14	WH10150444

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
42	39	14	61	0	18	40	0	0

Hole name	GDDH-10-026
Length (m)	234.76
Log Date	13/09/2010

Golden Predator
Program 2010
Logger Irma Gabric

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
	I097274	0.013	0.3	99	18.19	Xqp			FEO	7	PER											
	I097275	0.032	0.2	383																		
	I097276	0.009	0.1	78																		
	I097277	0.043	0.2	295																		
	I097278	0.017	0.1	119																		
	I097279	0.022	0.2	154																		
	I097280	0.064	0.2	320																		
	I097282	0.015	0.1	151																		
	I097283	0.021	0.1	271																		

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
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Hole name GDDH-10-026
Length (m) 234.76
Log Date 13/09/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	
	I097284	0.025	0.1	263																	
36.19																					
	I097285	0.061	1.7	115	36.85			36.85													
					37.60	GG	Xqp	37.60	FEO	7	PER										
38.19																					
	I097287	0.036	0.2	196																	
40.19																					
	I097288	0.005	0.2	126		Xqp			FEO	7	PER										
42.19																					
	I097289	0.006	0.2	164																	
44.19					44.50			44.50													
	I097290	0.06	0.1	163		VNq			FEO	7	PER										
					45.60			45.60													
46.19																					

No Data

Hole name	GDDH-10-026
Length (m)	234.76
Log Date	13/09/2010

Hole name	GDDH-10-026
Length (m)	234.76
Log Date	13/09/2010

Golden Predator
Program 2010
Logger Irma Gabric

Log Date 13/09/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
82.50	I097305	0.01	0.1	71	81.46			81.46														
		Xqp		CLY	7	PER																
84.50	I097306	0.038	0.1	655	82.62			82.62														
86.50	I097307	0.019	0.1	252																		
88.50	I097308	0.03	0.1	423																		
	Xqp	Xq		WM	6	PER																
90.50	I097310	0.037	0.1	597																		
92.50	I097311	0.055	0.1	602																		
93.70	I097312	0.061	0.1	1620																		
					93.70			93.70														
95.70	I097313	0.215	0.1	3320																		
	Xq			QW	6	PAT																
97.70	I097315	0.086	0.1	889																		
					97.54			97.54														

Hole name	GDDH-10-026
Length (m)	234.76
Log Date	13/09/2010

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Hole name	GDDH-10-026
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Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-026
Length (m) 234.76
Log Date 13/09/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
152.26	I097344	0.025	0.1	339	152.26	Xqp	Xq	152.26	QW	5	PER	154.50	No Data									
154.26	I097345	0.013	0.1	252																		
156.26	I097346	0.069	0.1	1160																		
158.26	I097347	0.056	0.1	815																		
160.26	I097348	0.034	0.1	449																		
162.26	I097349	0.044	0.1	441	160.75	Xqp		160.75	FEO	7	PER	164.00	No Data									
164.26	I097351	0.137	0.4	412	161.54			161.54														
166.26	I097352	0.02	0.2	183	166.26	Xq		168.22	QW	5	PER	168.22										
168.26	I097353	0.047	0.4	131																		
					168.50	VNq		168.50	CLY	3	PAT											

Golden Predator
Program 2010
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Log Date 13/09/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
170.26	I097354	0.036	0.1	683	170.69	Xq		170.69	QW	5	PER	176.00										
	172.26	I097355	0.086	0.4																		652
174.26		I097356	0.532	1.9	2540	176.25	Xqp		176.25	TCL	5											PAT
	176.26	I097357	0.144	0.2	2710																	
178.26		I097359	0.096	0.4	2800	179.40	Xqp		179.40	TCL	5											PAT
	180.26	I097360	0.032	0.2	584																	
182.26		I097361	0.215	0.4	1540	183.39	Xq		183.39	TCL	5											PAT
	184.26	I097362	0.04	0.3	553																	
186.26		I097363	0.052	0.1	230	185.29	BXq		185.29	FEO	4											PAT
						Xq				QW	5											PER

Hole name	GDDH-10-026
Length (m)	234.76
Log Date	13/09/2010

Golden Predator
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Logger Irma Gabric

Log Date 13/09/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-026
Length (m) 234.76
Log Date 13/09/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	J951373	0.011	0.2	131					CL	6	PER		No Data									
222.90					222.50							222.40										
	J951374	0.018	0.1	124								224.20										
225.30													No Data									
	J951376	0.01	0.1	194								225.75										
227.00																						
	J951377	0.034	0.1	317				228.60														
228.60						Xqp																
	J951378	0.081	0.1	1135					WM	6	PER				1.5	VN						
231.30																						
	J951379	0.053	0.1	438				233.00														
233.10																						
	J951380	0.009	0.2	33					CL	6	PER											
234.76					234.76			234.76				234.76										

Project Gold Dome (Sheelite) - Yukon
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LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	12.19	CAS	0	logged by Irma Gabric from 0-186.68m; Note: Lith 2 refers to the original metasediment that has been skarned because it is often found intercalated in the lithology, sometimes too small to map and separate it as its own unit. Lith 2 is not described in detail as it's already been described as Lith 1, usually skarned or hornfelsed lithology. Graphic Log includes more comments and should be referred to for detailed description.
12.19	36.85	Xqp	0	Strng oxid hornfld qzose phyllite; Lith 2 is not described in detail as it's already been described as Lith 1, usually skarned (garnet?) or hornfelsed lithology. Graphic Log includes more comments and should be referred to for detailed description.
36.85	37.60	GG	0	Xk-pq
37.60	44.50	Xqp	0	Xk-pq; (garnet?)
44.50	45.60	VNq	0	Xk-pq
45.60	68.20	Xqp	0	Xk-pq; (garnet?)
68.20	72.30	Xqp	0	Intercalated Xh/Xpq
72.30	79.25	Xq	0	Xk-q
79.25	81.46	Xqp	0	Hornflds qzose phyll intercaltd w skarnd (garnet?) qzose phyllite
81.46	82.62	Xqp	0	Hornflds qzose phyll intercaltd w skarnd qzose phyllite
82.62	93.70	Xqp	0	Intercalated qtzite and qzose phyllite
93.70	97.54	Xq	0	Hornflds qzose phyll intercaltd w qtzite
97.54	115.60	Xqp	0	Skarnd qzose phyllite
115.60	138.65	Xqp	0	Intercalated qtzite and qzose phyllite
138.65	142.26	Xq	0	Skarnd (garnet?) qtzite
142.26	143.26	Xqp	0	Fault zone w loc gg; Skarnd qzose phyllite
143.26	160.75	Xqp	0	Skarnd (garnet?) qtzite intercaltd w qzose phyllite
160.75	161.54	Xqp	0	Fault zone w loc gg; Skarnd qzose phyllite
161.54	164.18	Xqp	0	Skarnd qtzite intercaltd w qzose phyllite
164.18	164.45	VNq	0	qz vn
164.45	168.22	Xq	0	Skarnd qtzite intercaltd w qzose phyllite
168.22	168.50	VNq	0	qz vn
168.50	170.69	Xq	0	Skarnd qtzite intercaltd w qzose phyllite
170.69	172.80	Xq	0	fault zone in hornfld qtzite
172.80	176.25	Xqp	0	Hornflsd qzose phyllite
176.25	177.80	VNq	0	qz vn
177.80	179.40	Xqp	0	Hornflsd qzose phyllite
179.40	179.70	VNq	0	qz vn

Project Gold Dome (Sheelite) - Yukon
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Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-026
Length (m) 234.76
Log Date 13/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
179.70	183.39	Xq	0	Hornfld qtzite
183.39	184.89	Xq	0	Hornfld qtzite
184.89	185.29	BXq	0	brecciated hornfld qtzite
185.29	186.68	Xq	0	Hornfld qtzite
186.68	196.20	Xqp	0	logged by Karin Fecova from 186.68m to EOH; phyll qtzite with skarnd(garnet?)+hornfelds+silicfd subintervals at 10 cm scale (alternating)
196.20	199.33	Xqp	0	phyll qztite with bxd+veined+folded subintervals at 10 cm scale
199.33	203.63	Xqp	0	phyl qtzite with folded, skarned(garnet?), hornfelds subintervals at 10 cm scale; also this interval is mineralized with aspy and py in microfractures and veins
203.63	206.00	Xqp	0	hornfelds phyll qtzite
206.00	206.50	VNq	0	py in the vein selvages
206.50	210.10	Xqp	0	hornfelds phyll qtzite
210.10	213.76	Xqp	0	qzose phyllite with vein brecciating parts and gg and sheared parts along the contact
213.76	216.41	Xqp	0	skarned(garnet?) phyl qtzite; short (10 cm) subinterval mottled
216.41	222.50	Xqp	0	crenulated, silicfd and hornflsd phyll qtzite
222.50	234.76	Xqp	0	phyl qtzite with subintervals of hornfels (black-green 1 mm needle like cxls-biotgite/hornblende) randomly oriented

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
0.00	12.19	FEO	0	logged by Irma Gabric from 0-186.68m;
186.68	188.26	CL	0	logged by Karin Fecova from 186.68m to EOH; domint chlor altern
188.26	190.26	WM	0	ser altern domint
228.60	233.00	WM	0	domint ser altern (overprinting lith, foltn) associated with silicftn; a short subintervals of chlorite altrn

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
78.00	131.47	PO	0	logged by Irma Gabric from 0-186.68m; Po is finelly dissiminated in skarnned qtz-phyllite. Magnetic, oxidized and along foliation. Some patchy - secondary(?) As found with late qtz vn as blebs.
186.68	190.95	ASPY	0	logged by Karin Fecova from 186.68m to EOH; min 1 is in microfractures of host rock; min 2 is in crystals, aggregates of cxls in qz vein selvages; min 3 is in fractures of veins

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-026
Length (m) 234.76
Log Date 13/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
194.60	198.30	ASPY	0	min 1 in fractures in host; min 2 in qz-chlor-tour-fspar vein, planar at 10 deg TCA; min 3 is in qz vfol, vn selvages; min 4 is in fractures of veins
199.33	203.63	ASPY	0	min 1 is in qz veins, vfol and qz stringers/hairline fractures-in form of mm cxls/aggregates; min 2 in vn selvages
204.22	210.40	PY	0	min 1 is in fra of host rock and qz veins; min 2 is in vfol, mass v ein, vn selvages
211.60	219.00	PY	0	min 1 in fractures of host rock; min 2 in qz hairline fractures; min 3 in qz selvages
222.40	224.20	PYPO	0	min 1 in vfol selvages; min 2 in vfol selvages; min 3 in qz hairline fractures/qz stringers
225.75	234.76	AS	0	min 1 in qz-asy planar vveins at 30 xdeg TCA; min 2 in sheeted, planar veins; min 3 in qz vein, vfol selvages; min 4 in in fractures of the host rock, vein fractures, qz hairline fractures; min 5 in vfol fractures

VEINS

mFrom	mTo	Vein1	Relog	Comments
0.00	12.19	QZ	0	logged by Irma Gabric from 0-186.68m;
68.20	72.30	QZ	0	vein1 from 68.2-77.5m
188.80	189.10	QZ	0	logged by Karin Fecova from 186.68m to EOH
190.40	191.00	QS	0	vein 1 contains occaional aspy 2mm cxzls/aggregats, py mostly in selvages, but also in fractures of veins
194.50	195.20	QC	0	vein 2 with rare aspy in vein selvage; 3 cm wide vein at 45 deg TCA
195.20	199.33	QC	0	vein 2 has aspy occasional, in vein selvages; vein 3 has also feldspar (5%) and occasional cxls of aspy(~mm, aggregates)
199.33	203.63	QC	0	vein 2 contains occasional aspy and py; vein 3 has py and aspy
204.50	204.60	QPY	0	vein 1 has occasion al py in selvages
206.00	206.50	QPY	0	py in selvages
207.90	208.10	QPY	0	py in fractures and selvages
210.30	210.40	QPY	0	py in fractures of veins
211.90	212.20	QFT	0	vein 1 contains chlorite, aspy and py in selvages and fractures; vein is denselly dfactured, gtactures perpendicular to vein margins
216.70	216.80	QS	0	vein 1 has aspy and py in selvagesa, 45 deg TCA
221.30	222.90	QZ	0	vfol range from 4mm-3 cm; can contain po and py on fractures and selvages
225.80	228.00	QS	0	these are qz stringers.thin veins, three veins spaced at 30 cm scale, planar, 50 deg TCA,contain aspy and py

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Irma Gabric

Hole name GDDH-10-026
Length (m) 234.76
Log Date 13/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
228.60	234.76	QAS	0	vein 1 are sheeted veins, about four of them, the same orientation, at 50 deg TCA, with aspy; vein 2 has py and aspy in selvages; vein 4 contains aspy and py;

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
94.30	94.78	VN	0	logged by Irma Gabric from 0-186.68m; Oxidized As-Po-CC Vn. No EaZy Mark measurement. Only TCA measured.
125.00	125.12	VN	0	CC-As Vn. Late, Xcuts other fabric.
125.42	125.54	VN	0	CC-As Vn. Late, Xcuts fabric.
125.77	125.91	VN	0	CC hairline, "sheeted", repeat over 3 over 1m.
127.71	127.94	VN	0	Qz-CC-As Vn. 3cm thick. Blebs of As in the Vn.
131.06	131.27	FOL	0	Foliation with Po parallel.
137.20	137.26	VN	0	CC Vn Xcuts Foliation
141.19	141.30	VN	0	Late Qz Vn with As-py blebs, 4cm
147.03	147.23	VN	0	Late Qz-As Vns (3)
148.95	149.35	FOL	0	Foliation with Po wisps parallel
186.68	190.95	FOL	0	logged by Karin Fecova from 186.68m to EOH; str 2 are hairline fractures with py and aspy
190.95	195.07	FOL	0	str 2 folded veins: traces of fold axis foltn
195.07	199.33	FOL	0	str 2 has alpha angle-it is 3 cm thick qz vein, planar, with chlor at margins and rare sulphides; str 3 is qz-touy-chlor-aspery planar, 1 cm thick vein at 10 deg TCA;
199.33	211.60	FOL	0	str 2 are sulph (aspery and py) qz stringers and qz veins;
211.60	224.20	FOL	0	str 2 is 3 cm thick qz-tour-fspar vein with aspy and py in selvages; str 3 is qz-aspery 1 cm thick qz vein at 40 deg TCA
225.55	226.00	VN	0	str 1 has alpha and beta angle
228.60	230.60	VN	0	str 1 are sheeted qz-aspery, 0.5 cm planar veins, there is four of them, spaced about 50 cm apart; alpha varies from 25 - 35, beta angle varies from 205-240
230.60	234.76	FOL	0	str 2 is qz stringer-irregular fracture filled with wh qz

Project Gold Dome (Sheelite) - Yukon

Area Hawthorne

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-027

Length (m) 304.8

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 04/08/2010

Date Finished 08/08/2010

Other Hole name AUD-016-Haw

Cassing Pulled Yes

Cassing (m) 21.34

Data Origin GOD_20110203_DataLoggerExport.xls / KFcova

Data Date 04/02/2011

Data BY ACald

Logger Gilles Dessureau

Target

Log Date 03/10/2010

Hole Comments from 0-138.5m logged by Gille Dessureau, from 138.5-EOH logged by Karin Fecova and Shane Carlos; survey tools: GPS and compass

Collar survey Date

Survey By Karin Fecova

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,238.69	7,072,685.00	1,447.40	180.00	-60.00
Preferred	UTM83-8	439,238.69	7,072,685.00	1,447.40	180.00	
Local	LOCL_AuDom	6,310.00	7,386.66	1,447.40	225.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks
EZ Shot	30.00	-60.50	179.85		179.85	156.60	5,755.00	correction factor=magnetic declination used 23 deg 25 min; pulled back: 6m; surveyed by Claude Brideau; roll(toolface) rel to dip:82 temperature: 16.5 deg of Celsius
EZ Shot	152.00	-60.50	183.35		183.35	160.10	5,750.00	correction factor=magnetic declination used 23 deg 25 min; pulled back: 6m; surveyed by Claude Brideau; roll(toolface) rel to dip:355.4; temperature: 14.3 deg of Celsius
EZ Shot	304.00	-59.60	190.95		190.95	167.70	5,761.00	correction factor=magnetic declination used 23 deg 25 min; pulled back: 6m; surveyed by Claude Brideau; roll(toolface) rel to dip:326.6 temperature: 16 deg of Celsius

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10148624	27/10/2010	151.20	218.80	0
ALS	QC-OK	TR10148625	27/10/2010	68.00	128.00	0
ALS	QC-OK	TR10148626	27/10/2010	21.34	68.00	0
ALS	QC-OK	WH10150444	28/10/2010	128.00	151.20	0
ALS	QC-OK	WH10150446	27/10/2010	218.80	281.75	0
ALS	QC-OK	WH10150447	28/10/2010	281.75	304.80	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I038734	225.90	227.10	2-FDU	0	0.02	1.38	WH10150446
I039625	25.20	27.20	2-FDU	0	0.00	1.13	TR10148626
I039662	96.00	98.00	2-FDU	0	0.08	2.39	TR10148625
I039686	138.50	139.50	2-FDU	0	0.17	1.12	WH10150444
I039698	159.75	161.00	2-FDU	0	0.01	1.48	TR10148624
I038719			Blk	0	0.00	0.44	TR10148624
I039502			Blk	0	0.00	0.32	WH10150446
I039528			Blk	0	0.00	0.46	WH10150447
I039652			Blk	0	0.00	0.59	TR10148625
I038706			SRM_OR-15h	0	1.00	0.09	TR10148624
I038742			SRM_OR-15h	0	1.03	0.12	WH10150446
I039634			SRM_OR-15h	0	1.00	0.09	TR10148626
I039670			SRM_OR-15h	0	1.02	0.09	TR10148625
I039520			SRM_OR-16b	0	2.17	0.12	WH10150447

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
60	51	250	93	0	183	309	0	0

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator

Program 2010

Logger Gilles Dessurea

Hole name GDDH-10-027

Length (m)	304.8

Log Date 03/10/2010

[illegible]

Hole name	GDDH-10-027
Length (m)	304.8
Log Date	03/10/2010

Golden Predator
Program 2010
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[illegible]

Golden Predator
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Log Date 03/10/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
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Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
	I039639	0.029	0.1	457		GG			No Data												
63.30					63.30			63.30													
	I039640	0.084	0.2	1170	64.40	Xq		64.40	MC	6	PER										
65.00					65.00	VNq			No Data												
66.00	I039641	0.072	0.2	751	66.00	GG		66.00				66.30									
	I039642	0.093	0.5	827		Xq			MC	6	PER		No Data								
68.00												67.30									
	I039643	0.042	0.4	618	69.40			69.40													
69.40																					
	I039644	0.047	0.2	454				70.75	SCN	5	PER		No Data								
71.40								71.20	QW	5	PER										
	I039645	0.079	0.3	1500		Xqp						72.50									
73.40									SCN	5	PER		No Data								
	I039646	0.136	0.4	1850	74.90			74.90				72.80									
74.90													No Data								
	I039647	0.049	0.4	740		BX			SCN	7	PER		No Data								
76.90												76.90									
	I039648	0.053	0.4	865	78.10			78.10					No Data								
78.10												78.30									

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

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Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

Assays					Litho			Alteration				Mineralization														
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur				
79.00	I039649	1.98	2.1	1530	Xqp							78.60	No Data													
	I039650	0.021	0.1	395									No Data													
81.40												81.10														
82.40	I039651	0.046	0.5	1820	Xqp											81.50	No Data									
	I039653	0.141	4.1	2380									No Data													
83.90												82.70														
	I039654	0.108	0.4	615	Xqp											84.10	No Data									
85.90													No Data													
	I039655	0.168	0.2	526									No Data													
87.90												87.80														
	I039656	0.222	1.4	1540									No Data													
89.90												88.75														
	I039657	0.101	0.1	447					No Data																	
91.90								91.90																		
	I039658	0.021	0.1	27					No Data																	
93.90								92.90																		
	I039659	0.023	0.7	361					No Data																	
95.00								95.07																		
96.00	I039660	0.134	5.5	5080					No Data																	
								95.65																		

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

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Length (m) 304.8
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Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
	I039661	0.111	0.2	187															
98.00																			
	I039663	0.302	0.6	178									No Data						
100.00																			
	I039664	0.11	0.2	2120															
102.00												101.69							
	I039665	0.023	0.1	287	102.90								No Data						
104.00												104.20							
	I039666	0.035	0.2	510		Xqp							No Data						
106.10												104.55							
	I039667	0.063	0.1	834				No Data					No Data						
108.00					108.20							106.60							
	I039668	0.096	0.1	528	108.70	Xqp						108.70	No Data						
110.00						Xqp							No Data						
	I039669	0.091	1.3	1580	109.80							109.10							
112.00												110.00	No Data						
	I039671	0.069	1.6	1160									No Data						
114.00												112.40							

Project Gold Dome (Sheelite) - Yukon
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Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	
	I039672	0.164	0.4	1290	Xqp								No Data								
116.00												114.05									
	I039673	0.402	0.6	3890									No Data								
118.00												116.14									
	I039674	0.14	0.1	388									No Data								
120.00												118.90									
	I039675	0.672	3.8	1390									No Data								
122.00												120.30									
	I039676	0.124	0.3	2570									No Data								
124.00												123.85									
	I039677	0.066	0.1	745									No Data								
126.00												124.20									
	I039678	0.184	0.1	1600									No Data								
128.00												126.30									
	I039679	0.066	0.1	1010									No Data								
130.00												130.00									
	I039680	0.157	0.1	197								130.36									
131.70																					

Golden Predator
Program 2010
Logger Gilles Dessurea

Log Date 03/10/2010

[illegible]

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur			
150.10	I039691	0.005	0.1	52				150.10				149.80	No Data								
151.20	I039692	0.257	0.3	33		Xqp			No Data			150.20	No Data								
					151.60			151.60				151.60	No Data								
												152.10									
												152.39									
153.64	I039693	0.912	0.6	552		Xqp							No Data								
									WM	5	PAT	152.40									
155.45	I039694	0.015	0.1	303				155.45				155.15	No Data								
									SI	7	PER		No Data								
158.09	I039695	0.015	0.1	149		Xqp		157.70				157.20									
					158.20			157.70	SI	7	PER										
								158.20	SI	4	PAT										
159.75	I039696	0.046	0.1	180									No Data								
												159.75									
												159.75	3.5	VS	0.5	VS					
161.00	I039697	0.038	0.1	117		Xqp			WM	5	PER		No Data								
												159.95									
													No Data								
162.66	I039699	0.006	0.1	69				162.16				162.16									
					162.66			162.66	ANK	3	PER		No Data								
												163.25									
164.59	I039700	0.981	1.5	10000									No Data								
												163.75									

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

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Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
	I038701	0.11	0.1	894	166.73	Xh			CC	3	BAND		No Data								
												164.60									
	I038702	0.041	0.2	519									No Data								
												167.64									
	I038703	0.069	0.1	242									No Data								
					171.10							170.30									
	I038704	0.046	0.1	440	173.24								No Data								
												172.00									
	I038705	0.14	0.1	542									No Data								
					175.35			175.35				173.94									
	I038707	0.007	0.1	63	178.00	Xqp			SI	5	PER		No Data								
												176.45									
					178.40			178.40				178.35	No Data								
	I038708	0.035	0.1	740	179.83								No Data								
												178.75									
	I038709	0.054	0.8	679									No Data								
					182.40	Xqp			SI	6	PER	179.90									

Project Gold Dome (Sheelite) - Yukon
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Log Date 03/10/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur			
184.60	I038710	0.097	0.3	668	183.90			183.90				182.90									
												183.15									
												183.90									
185.93	I038711	0.01	0.1	71	184.20	Xqp		184.20	CL	4	PER	184.55	No Data								
												185.13	No Data								
												186.50	No Data								
188.16	I038712	0.021	0.1	232	187.00	Xqp		187.00	CL	4	PER	187.06	No Data								
												188.36	No Data								
												188.96	No Data								
190.36	I038713	0.047	0.2	773	190.00	Xqp						190.00	No Data								
												191.25	No Data								
												193.30	No Data								
192.37	I038714	0.223	0.3	293	193.90	Xqp		193.90	CL	4	PER	193.30	No Data								
												194.16	No Data								
												197.10	No Data								
196.80	I038715	0.017	0.1	147	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038716	0.064	0.1	21	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038717	0.031	0.3	507	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038718	0.012	0.1	123	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038719	0.008	0.1	98	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038720	0.005	0.1	87	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038721	0.003	0.1	76	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038722	0.002	0.1	65	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038723	0.001	0.1	54	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038724	0.001	0.1	43	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038725	0.001	0.1	32	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038726	0.001	0.1	21	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038727	0.001	0.1	10	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038728	0.001	0.1	9	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038729	0.001	0.1	8	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038730	0.001	0.1	7	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038731	0.001	0.1	6	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038732	0.001	0.1	5	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038733	0.001	0.1	4	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038734	0.001	0.1	3	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038735	0.001	0.1	2	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038736	0.001	0.1	1	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038737	0.001	0.1	0	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038738	0.001	0.1	-1	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038739	0.001	0.1	-2	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038740	0.001	0.1	-3	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038741	0.001	0.1	-4	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038742	0.001	0.1	-5	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038743	0.001	0.1	-6	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038744	0.001	0.1	-7	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038745	0.001	0.1	-8	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038746	0.001	0.1	-9	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038747	0.001	0.1	-10	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038748	0.001	0.1	-11	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038749	0.001	0.1	-12	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038750	0.001	0.1	-13	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038751	0.001	0.1	-14	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038752	0.001	0.1	-15	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038753	0.001	0.1	-16	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038754	0.001	0.1	-17	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038755	0.001	0.1	-18	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038756	0.001	0.1	-19	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038757	0.001	0.1	-20	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No Data								
199.50	I038758	0.001	0.1	-21	199.50	Xq			SI	5	PER	199.50	No Data								
												199.50	No Data								
												199.50	No								

Golden Predator
Program 2010
Logger Gilles Dessurea

Log Date 03/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
201.10	I038718	0.033	1.3	660	200.80			200.80				200.30	No Data									
	203.30	I038720	0.007	0.1	31	Xqp			CL	4	PER	203.49	0.5 FOL									
I038721		0.049	0.4	525	204.00		204.00	204.10	No Data													
205.20	I038722	0.06	0.5	784								204.12	No Data									
												205.49										
207.26	I038723	0.021	1	304								205.50	No Data									
												207.30										
211.30	I038725	0.013	0.1	122								212.00	No Data									
												212.10										
213.51	I038726	0.033	0.2	126								212.10	No Data									
												214.27	No Data									
214.27	I038727	0.007	0.1	242	214.27			214.27				214.27	No Data									
												214.99	0.5	VN2								
216.41	I038728	0.056	0.5	1110								215.00	No Data									

Golden Predator
Program 2010
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Log Date 03/10/2010

[illegible]

Golden Predator
Program 2010
Logger Gilles Dessurea

Log Date 03/10/2010

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Golden Predator
Program 2010
Logger Gilles Dessurea

Log Date 03/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
252.98	I038749	0.025	0.1	223	255.90	Xqp		255.90	CL	4	PER	251.70	No Data									
255.53	I038750	0.032	0.2	292			254.00					No Data										
							255.83					3.5	VFOL									
							256.00					0.5	LTH									
258.00	I039501	0.186	0.4	1895	259.80	Xq		259.80	WM	4	PAT	256.23	No Data									
259.80	I039503	0.04	0.2	945			258.20					No Data										
260.86	I039504	0.78	4.5	4300			260.85					35	LITH									
261.80	I039505	0.029	0.3	225	263.13	Kvl	Xs	263.13	WM	4	PAT	262.20	No Data									
263.13	I039506	0.165	0.3	924								263.13										
265.18	I039507	0.056	1.3	1195	266.90	Xq		266.90	WM	4	PAT	265.47										
266.80	I039508	0.015	0.1	190			265.48					No Data										
269.00	I039509	0.009	0.6	83								No Data										

Assays					Litho			Alteration				Mineralization															
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite										
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur							
271.27	I039510	0.088	0.1	445		Xqp	Xs		CL	4	PER	270.27															
	270.60	0.5	VS	1.5								VN															
	No Data																										
273.60	I039511	0.022	1.4	221				273.70																			
275.45	I039512	0.019	0.1	49	275.15			275.15																			
	277.47	I039513	0.013	0.1	72							275.75															
		276.80	No Data																								
279.70	I039514	0.02	0.4	83		Xq			SI	6	PER	277.60															
	279.80	No Data																									
281.75	I039515	0.132	0.4	529	281.75			281.75																			
282.95	I039516	0.08	0.1	878		Xqp		282.95		CL	4	PER	282.95	75	FRA												
286.00	I039517	0.026	0.1	436									283.96														
													No Data														
									WM	5	PAT	285.50															

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessurea

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	
	I039518	0.033	0.2	805									No Data								
287.70					287.70			287.70				286.25									
	I039519	0.027	0.1	298									No Data								
289.70												288.80									
	I039521	0.017	0.6	157									No Data								
292.51												290.40									
	I039522	0.006	0.6	194									No Data								
294.70												295.30									
	I039523	0.048	0.1	494								295.30		0.5	STR						
296.80					Xqp				CL	4	PER		No Data								
	I039524	0.025	0.1	331								297.30									
299.00													No Data								
	I039525	0.0025	0.1	53									No Data								
301.10												300.10									
	I039526	0.014	0.2	338									No Data								
303.35												302.45									

Hole name	GDDH-10-027
Length (m)	304.8
Log Date	03/10/2010

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
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Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	21.34	CAS	0	casing
21.34	23.20	Xh	0	Sdta; carbonaceous argillite; Well foliated carbonaceous argillite, weak to moderate limonite alteration along fractures
23.20	24.70	BXm	0	BXm; Limonite altered matrix supported monolithic (metased) clasts/breccia
24.70	28.45	Xp	0	Xsqi; limonite altrd, finely laminatd; well foltd weakly brecciatd phyllite; mica present
28.45	33.80	BXm	0	BXm; Intensely chlorite altered quartz schist/phyllite
33.80	57.00	Xqp	0	Xsqc; Chlorite altered fault gouge in chlor alterd phyllite
57.00	57.91	GG	0	Xsqc; gg in chlor alterd phyllite
57.91	58.34	Xqp	0	Xsqc; chlor alterd phyllite
58.34	60.50	GG	0	Xsqc; gg in chlor alterd phyllite
60.50	63.30	GG	0	Sdta; carbonaceous gouge
63.30	64.40	Xq	0	Xq; Intensely silica, sericite, Fe-carbonate altered quartzite
64.40	65.00	VNq	0	VNq; qz vn
65.00	66.00	GG	0	Xq; Fault gouge containing quartzite and arg frags
66.00	69.40	Xq	0	Xq; Intensely silica, sericite, Fe-carbonate altered quartzite
69.40	74.90	Xqp	0	Xpq; Moderate to intesely silica and locally sericite altered quartz phyllite
74.90	78.10	BX	0	BX; Quartz rich hydrothermal breccia with quartz phyllite fragments
78.10	81.40	Xqp	0	Xpq; Finely laminated quartz phyllite
81.40	83.90	Xqp	0	Xpb; Kyanite-biotite schist
83.90	102.90	Xqp	0	Xsqo; Chlorite-biotite schist, wavy, irregular bands of 1cm-1m chlorite intermingled with 1cm-1m biotite bands
102.90	108.20	Xqp	0	Xpb; Kyanite-biotite schist
108.20	108.70	Xqp	0	Xsqo; chlor-bio-qz schist
108.70	109.80	Xqp	0	Xpb; kya-bio-schist-metapelite
109.80	131.70	Xqp	0	Xsqo; chlor-bio schist
131.70	136.62	Xqp	0	Xpb; bio-chlorite-andalusite-+kyanite as previously described with local kyanite overprints, with short subintervals of chlorite-calcite schist, at 135.2-135.7m
136.62	140.21	Xqp	0	Xs; bio-chlorite-andalusite-+kyanite as previously described with local kyanite overprints, dominant alteration is chlorite (greenschist facies) sericite alteration is restricted to fractures and vein envelopes of quartz metamorphic veins; quartz-chlorite metamor
140.21	142.00	Xqp	0	Xs; chlorite-schist with calcite in fra, alternating with fine grained biotite-garnet ?schist ~10cm units. 30% qtz blebs lenses discontin veins metamorphic, 3% po, 1 % aspy; at 140.5m 2 qtz-ser-asp sheeted stringer 1cm apart, with 5% asp in str (2mm crystals)

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
142.00	150.10	Xqp	0	Xs; domint chl-musc-andalusite-+ kyanite schist, short subintervals of chl-biotite-garnet-muscovite schist with spotted texture (5mm diameter spots) from 144.3-144.8m, 145.7-146.00m. Veins: entire unit contains about 15% qtz-chl-Po(2% blebs) meta veins, blebs
150.10	151.60	Xqp	0	Xs; chlorite-musc-biotite-garnet? schist, 2% Po on fra, foliation planes, over entire unit
151.60	155.45	Xqp	0	Xs; chl-musc-andalusite+- kyanite schist with short sub-intervals with spotted(2mm blebs) chlorite schist at 151.8-152m. There are also, meta qtz blebs, veins, lenses 15% over interval assoc Po 2%; 2% wis Po also occurs over entire interval; 2% qz-sul sheeted vns
155.45	158.20	Xqp	0	Xs; strongly silicified, chlorite-muscovite schist-strongly foliated quartzite, with white feldspar and quartz eye texture, qtz eyes are 2mm rounded 5%, feldspars 15% 2-5mm. 80% of ghosted qtz blebs-vein-lenses. Fractures are 5% sericitized hairline; ~ 2% planar qtz-ser-tr aspy stringers with faded margins; entire unit is patchy sericitized at fractures and veins and chloritized where fractures are absent. From 157.7-157.9m chl-musc-andalusite-kyanite schist, entire unit overprinted by silicification. It appears this schist is overprinted by white feldspar, maybe a less altered remnant of the qtz-feldspar overprinting.
158.20	162.66	Xqp	0	Xs; chl-musc-and-+kyanite schist with short sub-intervals of chlorite-biotite-garnet schist, at 158.5-159.4m (this sub-unit has 30cm thick chlorite-musc-schist) ; At 159.75-161.00m sub-interval brecciated/fract, and veined with dominant ser alteration, w a few sheet vns; rest of sub interval has meta qtz blebs, veins, lenses with sericitization likely due to abundant fractures. Some moderate-pervasive ankerite alteration. 1% calcite fractures over same sub-interval.
162.66	175.35	Xh	0	Xs; chl-schist with calcite in fra+fol (~20% calcite defines fol), alternating with biotite-garnet? schist, alternating by ~10cm units, short sub-int of spotted garnet-biotite schist,(166.73-167.23m). Then chlorite-musc-garnet-biotite-andalusite+-kyanite schist, (167.23-167.65m, 174.6-175.35m). Entire unit has about ~15-20% qtz blebs-lenses, dicontinuous meta veins sub-parallel to foliation, chloritization everywhere and chloritized liths in veins and 2% blebby po everywhere.
175.35	178.40	Xqp	0	Xs; chlor-bio-gt(?) schist/qzose phyl, foltn oblitrtd due intense silicfcn; Unit lacks meta veins and blebs/lenses, local mottled texture locally, chlorite alteration is dominant, seric alt restricted to veins and fra, propagates from vein into foliation planes.
178.40	183.90	Xqp	0	Xs; chlor-ser-musc schist/phyl qzite-qtzite with olbtrd foltn due to intense vening and silicifctn. Local ankerite fra 10% of fractues over interval and some foliation planes.
183.90	187.00	Xqp	0	Xs; chlor-musc-bio-(gt?)-andal, loc kyan schist w meta qz.qz-sul sheet veins and ser-ank strings; Overall, 2% po along foliations and crenulations and in the meta veins.
187.00	188.36	Xqp	0	Xs; chlor-ser-musc schist/schistose foltd qtzite with foltn oblitrtd due to intense silicfctn, unit contains qz-sul sheet veins w ser halos

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Hole name GDDH-10-027
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Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
188.36	193.90	Xqp	0	Xs; chlor-bio-gt-musc-andal schist grading in and out into less foltd chor-bio-gt schist (phyl qztite), loc developing spotted texture, wit sertzd subinterval from 190.36-191.5m; Overall, unit is lacking qtz meta veins/blebs/lenses, and ser alteration restricted to veins and fra.
193.90	200.80	Xq	0	Xs; intensely silicfd ser-musc-chlor schist with intense meta and sheet veins, w sulph minerzn, alterntng loc w 15 cm chlor domint-ser schist intervals; Over entire interval, have 8% ankerite fra in veins and foliation planes. Dominant alteration is ser along foliations focused from fractures.
200.80	204.00	Xqp	0	Xs; chlor-bi-gt-musc schist alternating with less foltd chlor-bio-gt schis/qzose phyll with last 2 m chlor-bio-gt-musc schist with abundant qz meta veins; 2% Po and 1% Pi and trace asp in unit along foliation planes. 8% ankerite fra. Unit has 30% meta qtz-chl blebs/veins/lenses, light grey, fine grained.
204.00	214.27	Xq	0	Xs; intens silicfd, folt oblitrtd, chlor-ser-musc schist/schstoze folt qtizte with chlor domint 204-205m, se-ankr domint 205-206m, chlor domint 206-207m, ser-ank domint 207-208m, chlor-ser-ank 50-50 208-211m, ser-ank domint 211-213m, chlor domint 213-214m with abundt meta and sheet veins;
214.27	225.90	Xq	0	Xs; intensely silicd, folt oblitrtd ser -musc-chlor schist/schistose qztite, intensely fract with ser fracs and sheet frac-veins, mineralized; at 214.27-217.3m well foltd, not str silicd, with abundt anker (~20%) in fracs and along foltn; gt-dio layer distinct (photo 0864, 0865); domint chlor-bio gt schist at 217.6-217.9m, 219.3-219.8m, 220.4-220.7m, 221-221.3m; anker overprints all and seems to be abundant feature in this unit;
225.90	227.10	Kvl	0	Kvl; fresh lamprophyre as prev descrbd with upper, 10 cm wide ser contact, slight chill marg, lower contact 5 cm wide with concord qz vein at the lower end; it is massiver with one, 20 cm, irreg fract, 3 mm thick and filled with fg cc, roughly subll TCA; 227-227.1m ser lapr with 1% bl py and chlor 1 cm thick zone around qz planar vn concord with contact-in this zone 10% bl py; the qz sheet vn, 1 cm thich, 85 deg TCA, no vis min;
227.10	233.70	Xq	0	Xs; 227.1-230.9m gritty, granular looking ser-musc schist/folt qztite, w 20% 1 -2 mm white grains, likely fspar overprinting foltn, with domint chlor at 227.7-228.1m, 230.6-230.9m, the subintervals inbetwn are domint serd ; from 230.9-233.7m foltn is stronger, chlor-bio-gt-musc schist w loc, 5 cm wide spotted (10% 5mm chlor or chloritoid??, some of them seem to be radiating prism cxls, some seem to have black/dk br center, spots overprint all); anker seems to pick up again overpint altrns, anker seems to prefer ser schist, perhaps more brittly fractd in contrast to chl-bio-gt brown schist/qzose phyll;
233.70	234.80	Xqp	0	Xs; chlor-bio-gt? schist w loc 5% 2 mm qz/fspar eyes, intensely silicfd and folt oblitrtd; 3% of vfol+ser planar hair frac wih 2 mm ser halo, at var orient, conjugates sets;~30 cm at the lower end, strong ser suinterval with qz vfol and fracs

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LITHO

mFrom	mTo	Lith1	Relog	Comments
234.80	238.82	Xqp	0	Xs; chl-bio-gt-loc musc schist; 20% vfol w chlor-2 % po blebs and trace aspy w chlor-ser pockets; last 1 m strong silicfd, oblitr foltn; a few qz sheet veins
238.82	239.50	Xq	0	Xs; chl-ser schist/schistose qztite, strongly veind and fractd, anker overpint, 2% 1-2 mm aspy in ser frac and pockets of a massive qz (50 cm from the begining of the interval); the rest of the intervals is veind vfol/mfol and 2 sheet qz vns fg (gyl with definid cc 1mm marg and wh with faded margs), w about 2% of po and py blebs in vn selvs w alpha 30 and beta 090; 10 cm of the low end are qz vfol/mfol as prev mentn fg, wh, w 2% 2 mm aspy in selvs; this zone has also 20% of cc and ank frac random orientd;
239.50	240.40	Xqp	0	Xs; strong silicfd, chl-bio-loc andal schist w qz sheet vns;
240.40	242.32	Xq	0	Xs; ser-chlor schist with anker frac; 2% of 1 mm diss py and trace aspy in qz-ank-cc hariline frac;
242.32	246.49	Xqp	0	Xs; chlor-bio-gt?- loc andal schist with occasional sheetd veins; 2% qz vfol, 1% ank frac
246.49	251.10	Xq	0	Xs; chlor-ser banded schist/schistose qztite w variably silicfd sections that oblitr texture and struct, with qz breccia zone at the beging of the interval, 50 cm wide, with 40% qz frags from 2-10 mm in fmg brown/red matrix (very distinct/different unit), with closely spaced sheet veins; mineralized unit; breccia has 10% bleby py diss in it; the adjacent ser-ank,10 cm fracd zone (lower end dir) has 20% fdiss py along rand hairline frac; densely fract interval continues to the end of the unit, frac are ank-cc-ser, randomly orientd, with 7% diss, 1 mm py along frac, trace aspy and 5% bleby py in 5% qz vfol selvs, qz blebs and lenses;
251.10	255.90	Xqp	0	Xs; chlor-bio-gt(?) schist with ser-(min chlor) schist subintervals at 251.7-252m, 252.6-253m, 254.4-254.7, with chlor-bio-gt-anda schist subint at 255.2-255.53m; unit has 1 sheeted vein and 10% of qz-ser planar hairline frac and strngs;
255.90	259.80	Xq	0	Xs; ser-musc-min chlor schist with aspy min 10 cm sectn at the beging of unit and 2 sheeted veins and numerous anke-ser-qz planar frac of various orientns;
259.80	260.86	BXq	0	BXq; qz breccia with meta qz veins, angular qz from 2-1.5 cm, in br fg matrix consistng of 25% py (photo 0866); the test of the interval contains ~5% dis 1-2 mm py and aspy along frac
260.86	263.13	Kvl	0	Kvl; alternating ser-musc -min chlor schist (261.8-263.13m) with ser lampr at 260.86-261.8m, and bxd ser after musc schist at 260.4-261.8m; from 262.2-263.13m intensd fracd interval ser schits with up to 2% 1-2 mm diss apy and py along frac;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
263.13	266.90	Xq	0	Xs; ser-musc schist with minor chlr and ~25% qz vfol and mfol; the entire interval has 1-2% 1-2 mm diss aspy and py in fractures and in qz vfol selv, qz-ank stringers and their selv; ~ 10 qz meta vns are 1 cm thick, wh, fg, 5-20 cm apart with faded marg; ~ 15 qz-ank strings and vn are 2-5mm thick, irreg shaped and 2-30 cm apart; 265.48m qz sheet vn, 5 mm thgick, 2 mm offset, w alpha 46 and beta 135 w 2% 2 mm aspy in selv, adjacent to it is 1 cm qz 50% fdis py planar vein, dk br, planar, w alpha 33 and beta 068; 266.4-266.6m qz mfol with 1% of unknown grey sulph in vn;
266.90	275.15	Xqp	0	Xs; alternating chlor-bio-gt? schist with ser-musc-min chlor schist at 268.22-268.72m, 271.27-272.8m, and the last 275.15-275.45m picks up silicfn, oblitrn of struct and fspar eye texture (grl 1-2 mm rounded and tabular fspar? Crystals, 5-10%), ser schist tends to be veind w qz mfol and vfol and both units contain qz-ser-ank hairline fracs sets as will be describd; all ser schist are fracs and microfrac and contain 2% if 1-2mm diss py and aspy along fracs; contact btwn chlor schist and ser-fspar schist is planar w alpha 50, beta 178 and gamma slicks 272; the whole unit constains ser-anker hailrine planar fracs: there are about 3 sets, they have ortn identical to all measured qz sheeted veins in this interval, they are spaces few cm scale, and have 2-5 mm ser halo ementaing away from them along folt planes that are at the angle to them; unt contains qz-sul sheet vns
275.15	281.75	Xq	0	Xs intens silicfd, vnd ser schist, oblitrn of struct and fspar eye texture (ygrl 1-2 mm rounded and tabular fspar(?) cxls, 5-10%) w 3 10-30 cm chlor domint subunits; the interval has 2% 1 mm py and aspy in ser+/-ank+/-qz hairline fracs and microfracs which are abundt beside the qz meta veins and a few sheet vns;
281.75	282.95	Xqp	0	Xs; chlor-bio-gt? schist with last 50 cm of chl-bio-gt-andal-musc-ser schist; massive, weak fractd unit with a few hairline fracs filled w py and one qz vfol, qz-ser-sul string
282.95	287.70	Xq	0	Xs; ser schist domint with f spar eyes, intensely silicfd with oblitrn foltn; all ser zones are 2% 1-2 mm diss py and aspy along 20% qz-ser-ank hairline fracs and microfracs; domint chlor intervals are at 285-285.6m with as usual 1-2% po in foltn planes, cren planes; 285.6-287.7m ser-chlor 50/50, has med grey-green colour; spotted texture in the last 30 cm, 40% chlor, green round spots, 3mm in diamet
287.70	304.80	Xqp	0	Xs; chlor-bio-gt schist domint +/- andal, minor musc with subintervals of ser schist that is also qz veind and silicfd; ser schist (incl qz sheet vns, mass qz vns and vfol and mfol) is at 289.1-289.6m, 290.4-290.6m , 291.4-291.8m, 300.1-301.1m, 301.45-301.75m, 302.45-302.8m; as prev describd in gyd chlor-bio-gt schist/qzose phyl, there is always~ 2% wis po along folt, this unit has also relatively rare 2-5% qz-ser hairline fracs that cut across foltn at various angles, two 5 cm bands of serd zone ll foltn; serctd subsection commonly qz-ser fractd with 2% 1 mm aspy and py along these fracs and microfracs;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
63.30	64.40	MC	0	Silica, sericite, Fe-Carb
136.62	140.21	WM	0	dominant alteration is chlorite (greenschist facies) sericite alteration is restricted to fractures and vein envelopes of quartz metamorphic veins
140.21	142.00	WM	0	chlorite-schist with calcite in fra, alternating with fine grained biotite-garnet schist ~10cm units. 30% qtz blebs lenses discontin veins metamorphic, 3% po, 1 % Asp At 140.5m 2 qtz-ser-asp sheeted stringer 1cm apart, with 5% asp in str (2mm crystals), alpha 62, beta 018
142.00	150.10	WM	0	ser altertn restricted to halos around veins; chlorite is meta mineral in chl-musc-andalusite+ kyanite schist, short subintervals of chl-biotite-garnet-muscovite schist with spotted texture
151.60	155.45	WM	0	ser altertn restricted to vn selv ; chlorite is meta mineral in chl-musc-andalusite+ kyanite schist with short sub-intervals with spotted(2mm blebs) chlorite schist
155.45	157.70	SI	0	strongly silicified, chlorite after muscovite schists-strongly foliated quartzite, with white feldspar and quartz eye texture, 80% ghosted qtz blebs-vein-lenses. Fractures are 5% sericitized hairline; ~ 2% planar qtz-sericite-tr aspy stringers, the entire unit is patchily sericitized at fractures and veins and chloritized where fractures are absent.
157.70	157.90	SI	0	157.7-157.9m chl-musc-andalusite-kyanite schist, entire unit overprinted by silicification. It appears this schist is overprinted by white feldspar, maybe a less altered remnant of the qtz-feldspar overprinting.
157.90	158.20	SI	0	strongly silicified, chlorite - muscovite schists-strongly foliated quartzite, with white feldspar and quartz eye texture, 80% ghosted qtz blebs-vein-lenses. Fractures are 5% sericitized hairline; ~ 2% planar qtz-sericite-tr aspy stringers, the entire unit is patchily sericitized at fractures and veins and chloritized where fractures are absent.
158.20	162.16	WM	0	chl-musc-and-+kyanite schist with short sub-intervals of chlorite-biotite-garnet schist; At 159.75-161.00m sub-interval brecciated/fract, and veined with dominant ser alteration. Rest of sub interval has meta qtz blebs, veins, lenses with sericitization likely due to abundant fractures. Some moderate-pervasive ankerite alteration. 1% calcite fractures over same sub-interval.
162.16	162.66	ANK	0	Some moderate-pervasive ankerite alteration in chl-musc-and-+kyanite schist with short sub-intervals of chlorite-biotite-garnet schist;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
162.66	175.35	CC	0	chl-schist with calcite in fra+fol (~20% calcite defines fol), alternating with biotite-garnet schist, alternating by ~10cm units, short sub-int of spotted garnet-biotite schist,(166.73-167.23m). Then chlorite-musc-garnet-biotite-andalusite+-kyanite schist, (167.23-167.65m, 174.6-175.35m). Entire unit has about ~15-20% qtz blebs-lenses, dicontinuous meta veins sub-parallel to foliation, chloritization everywhere and chloritized liths in veins and 2% blebby po everywhere; ser restricted to zone around vns
175.35	178.40	SI	0	chlor-bio-gt(?) schist/qzose phyl, foltn oblitartd due intense silicfcn; Unit lacks meta veins and blebs/lenses, local mottled texture locally, chlorite alteration is dominant, seric alt restricted to veins and fra, propagates from vein into foliation planes.
178.40	183.90	SI	0	chlor-ser after musc schist/phyl qzite-qtzite with olbtrd foltn due to intense vening and silicifctn. Local ankerite fra 10% of fractues over interval and some foliation planes.
183.90	187.00	CL	0	chlor-musc-bio-(gt?)-andal, loc kyan schist w meta qz, qz-sul sheet veins and ser-ank strings; Overall, 2% po along foliations and crenulations and in the meta veins.
187.00	188.36	CL	0	chlor-ser-musc schist/schistose foltd qtzite with foltn oblitrtd due to intense silicfctn, unit contains qz-sul sheet veins w ser halos
188.36	193.90	CL	0	chlor-bio-gt-musc-andal schist grading in and out into less foltd chor-bio-gt schist (phyl qztite), loc developing spotted texture, wit sertzd subinterval from 190.36-191.5m; Overall, unit is lacking qtz meta veins/blebs/lenses, and ser alteration restricted to veins and fra.
193.90	200.80	SI	0	intensely silicfd ser-musc-chlor schist with intense meta and sheet veins, w sulph minerzn, alternting loc w 15 cm chlor domint-ser schist intervals; Over entire interval, have 8% ankerite fra in veins and foliation planes. Dominant alteration is ser along foliations focused from fractures.
200.80	204.00	CL	0	chlor-bi-gt-musc schist alternating with less foltd chlor-bio-gt schis/qzose phyll with last 2 m chlor-bio-gt-musc schist with abundant qz meta veins; 2% Po and 1% Pi and trace asp in unit along foliation planes. 8% ankerite fra. Unit has 30% meta qtz-chl blebs/veins/lenses, light grey, fine grained.
204.00	214.27	SI	0	intens silicfd, foltd oblitrtd, chlor-ser-musc schist/schstoze foltd qtzite with chlor domint 204-205m, se-ankr domint 205-206m, chlor domint 206-207m, ser-ank domint 207-208m, chlor-ser-ank 50-50 208-211m, ser-ank domint 211-213m, chlor domint 213-214m with abundt meta and sheet veins;
214.27	225.90	SI	0	intensely silicfd, foltd oblitrtd ser-musc-chlor schist/schistose qztite, intensely fract with ser frac and sheet frac-veins, mineralized; at 214.27-217.3m well foltd, not str silicfd, with abundt anker (~20%) in frac and along foltn; gt-dio layer distinct (photo 0864, 0865); domint chlor-bio gt schist at 217.6-217.9m, 219.3-219.8m, 220.4-220.7m, 221-221.3m; anker overprints all and seems to be abundant feature in this unit;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
225.90	227.10	WM	0	fresh lamprophyre as prev descrbd with upper, 10 cm wide ser contact, slight chill marg, lower contact 5 cm wide with concord qz vein at the lower end; it is massiver with one, 20 cm, irreg fract, 3 mm thick and filled with fg cc, roughly subll TCA; 227-227.1m ser lapr with 1% bl py and chlor 1 cm thick zone around qz planar vn concord with contact-in this zone 10% bl py; the qz sheet vn, 1 cm thich, 85 deg TCA, no vis min;
227.10	233.70	WM	0	227.1-230.9m gritty, granular looking ser-musc schist/folt qtzite, w 20% 1 -2 mm white grains, likely fspars overprinting foltn, with domint chlor at 227.7-228.1m, 230.6-230.9m, the subintervals inbetwn are domint serd ; from 230.9-233.7m foltn is stronger, chlor-bio-gt-musc schist w loc, 5 cm wide spotted (10% 5mm chlor or chloritoid??, some of them seem to be radiating prism cxls, some seem to have black/dk br center, spots overprint all); anker seems to pick up again overpint altrns, anker seems to prefer ser schist, perhaps more brittly fractd in contrast to chl-bio-gt brown schist/qzose phyll;
233.70	234.80	SI	0	chlor-bio-gt schist w loc 5% 2 mm qz/fspar eyes, intensely silicfd and folt oblitr; 3% of vfol+ser planar hair frac wih 2 mm ser halo, at var orient, conjugates sets;~30 cm at the lower end, strong ser suinterval with qz vfol and fracs
234.80	238.82	WM	0	chl-bio-gt-loc musc schist; 20% vfol w chlor-2 % po blebs and trace aspy w chlor-ser pockets; last 1 m strong silicfd, oblitr foltn; a few qz sheet veins
238.82	239.50	WM	0	chl-ser schist/schistose qztite, strongly veind and fractd, anker overpint, 2% 1-2 mm aspy in ser fracs and pockets of a massive qz (50 cm from the beginng of the interval); the rest of the intervals is veind vfol/mfol and 2 sheet qz vns fg (gyl with defin cc 1mmm marg and wh with faded margs), w about 2% of po and py blebs in vn selvs w alpha 30 and beta 090; 10 cm of the low end are qz vfol/mfol as prev mentn fg, wh, w 2% 2 mm aspy in selvs; this zone has also 20% of cc and ank fracs random orientd;
239.50	240.40	SI	0	strong silicfd, chl-bio-loc andal schist w qz sheet vns;
240.40	242.32	WM	0	ser-chlor schist with anker fracs; 2% of 1 mm diss py and trace aspy in qz-ank-cc hariline fracs;
242.32	246.49	CL	0	chlor-bio-gt?- loc andal schist with occasional sheetd veins; 2% qz vfol, 1% ank fracs
246.49	251.10	WM	0	chlor-ser banded schist/schistose qtzite w variably silicfd sections that oblitr texture and struct, with qz breccia zone at the begging of the interval, 50 cm wide, with 40% qz frags from 2-10 mm in fmg brown/red matrix (very distinct/different unit), with closely spaced sheet veins; mineralized unit; breccia has 10% bleby py diss in it; the adjacent ser-ank,10 cm fracd zone (lower end dir) has 20% fdiss py along rand hairline fracs; densely fract interval continues to the end of the unit, fracs are ank-cc-ser, randomly orientd, with 7% diss, 1 mm py along fracs, trace aspy and 5% bleby py in 5% qz vfol selvs, qz blebs and lenses;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
251.10	255.90	CL	0	chlor-bio-gt(?) schist with ser-(min chlor) schist subintervals at 251.7-252m, 252.6-253m, 254.4-254.7, with chlor-bio-gt-anda schist subint at 255.2-255.53m; unit has 1 sheeted vein and 10% of qz-ser planar hairline fracs and strngs;
255.90	259.80	WM	0	ser-musc-min chlor schist with aspy min 10 cm sectn at the beging of unit and 2 sheeted veins and numerous anke-ser-qz planar fracs of various orientns;
260.86	263.13	WM	0	alternating ser-musc -min chlor schist (261.8-263.13m) with ser lampr at 260.86-261.8m, and bxd ser after musc schist at 260.4-261.8m; from 262.2-263.13m intensd fracd interval ser schists with up to 2% 1-2 mm diss apy and py along fracs;
263.13	266.90	WM	0	ser-musc schist with minor chl and ~25% qz vfol and mfol; the entire interval has 1-2% 1-2 mm diss aspy and py in fractures and in qz vfol selv, qz-ank stringers and their selv; ~ 10 qz meta vns are 1 cm thick, wh, fg, 5-20 cm apart with faded marg; ~ 15 qz-ank strings and vn are 2-5mm thick, irreg shaped and 2-30 cm apart; 265.48m qz sheet vn, 5 mm thgick, 2 mm offset, w alpha 46 and beta 135 w 2% 2 mm aspy in selv, adjacent to it is 1 cm qz-50% fdiss py planar vein, dk br, planar, w alpha 33 and beta 068; 266.4-266.6m qz mfol with 1% of unknown grey sulph in vn;
266.90	275.15	CL	0	alternating chlor-bio-gt schist with ser-musc-min chlor schist at 268.22-268.72m, 271.27-272.8m, and the last 275.15-275.45m picks up silicfn, oblitrn of struct and fspar eye texture (grl 1-2 mm rounded and tabular fspar? Crystals, 5-10%), ser schist tends to be veind w qz mfol and vfol and both units contain qz-ser-ank hairline fracs sets as will be describd; all ser schist are fracs and microfrac and contain 2% if 1-2mm diss py and aspy along fracs; contact btwn chlor schist and ser-fspar schist is planar w alpha 50, beta 178 and gamma slicks 272; the whole unit constains ser-anker hailrine planar fracs: there are about 3 sets, they have ortn identical to all measured qz sheeted veins in this interval, they are spaces few cm scale, and have 2-5 mm ser halo ementaing away from them along folt planes that are at the angle to them; unt contains qz-sul sheet vns
275.15	281.75	SI	0	intens silicfd, vnd ser schist, oblitrn of struct and fspar eye texture (ygrl 1-2 mm rounded and tabular fspar(?) cxls, 5-10%) w 3 10-30 cm chlor domint subunits; the interval has 2% 1 mm py and aspy in ser+/-ank+/-qz hairline fracs and microfracs which are abundt beside the qz meta veins and a few sheet vns;
281.75	282.95	CL	0	chlor-bio-gt schist with last 50 cm of chl-bio-gt-andal-musc-ser schist; massive, weak fractd unit with a few hairline fracs filled w py and one qz vfol, qz-ser-sul string
282.95	287.70	WM	0	ser schist domint with f spar eyes, intensely silicfd with oblitrn foltn; all ser zones are 2% 1-2 mm diss py and aspy along 20% qz-ser-ank hairline fracs and microfracs; domint chlor intervals are at 285-285.6m with as usual 1-2% po in foltn planes, cren planes; 285.6-287.7m ser-chlor 50/50, has med grey-green colour; spotted texture in the last 30 cm, 40% chlor, green round spots, 3mm in diamet

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
287.70	304.80	CL	0	chlor-bio-gt schist domint +/- andal, minor musc with subintervals of ser schist that is also qz veind and silicifd; ser schist (incl qz sheet vns, mass qz vns and vfol and mfol) is at 289.1-289.6m, 290.4-290.6m , 291.4-291.8m, 300.1-301.1m, 301.45-301.75m, 302.45-302.8m; as prev describd in gyd chlor-bio-gt schist/qzose phyl, there is always~ 2% wis po along folt, this unit has also relatively rare 2-5% qz-ser hairline fracs that cut across foltn at various angles, two 5 cm bands of serd zone ll foltn; serctd subsection commonly qz-ser fractd with 2% 1 mm aspy and py along these fracs and microfracs;

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
24.38	24.70	SUL	0	taken from Gilles graphic log; sul: bornite on fracs
66.30	66.31	AS	0	taken from Gilles graphic log;
67.30	67.40	AS	0	taken from Gilles graphic log; qz-aspy vn
72.50	72.60	AS	0	taken from Gilles graphic log; qz-aspy vn w qz-ser altern halo
72.80	72.90	AS	0	taken from Gilles graphic log; qz-aspy vn w qz-ser altern halo
74.75	74.76	AS	0	taken from Gilles graphic log; thin qz-aspy vn
76.90	76.91	AS	0	taken from Gilles graphic log; qz-aspy vn
78.30	78.31	AS	0	taken from Gilles graphic log; qz-aspy vn
78.60	78.61	AS	0	taken from Gilles graphic log; qz-aspy vn
78.70	78.71	AS	0	taken from Gilles graphic log; qz-aspy vn
79.00	79.01	AS	0	taken from Gilles graphic log; qz-aspy vn
81.10	81.11	AS	0	taken from Gilles graphic log; qz-aspy vn
81.50	81.51	AS	0	taken from Gilles graphic log; qz-aspy vn
81.70	82.40	AS	0	taken from Gilles graphic log; qz-aspy vn
82.70	82.90	AS	0	taken from Gilles graphic log; qz-aspy vn
82.90	83.20	PO	0	taken from Gilles graphic log; qz-po-chlor vn
84.10	84.11	AS	0	taken from Gilles graphic log; qz-aspy vn
84.70	84.72	AS	0	taken from Gilles graphic log; qz-aspy vn
85.20	85.21	AS	0	taken from Gilles graphic log; qz-aspy vn
85.50	85.51	AS	0	taken from Gilles graphic log; qz-aspy vn
85.90	86.00	AS	0	taken from Gilles graphic log; qz-aspy vn
87.80	87.82	AS	0	taken from Gilles graphic log; qz-aspy vn
88.75	88.85	PO	0	taken from Gilles graphic log; qz-po-chlor vn

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
89.00	89.10	AS	0	taken from Gilles graphic log; qz-asy vn
91.90	91.91	AS	0	taken from Gilles graphic log; qz-asy vn
92.90	92.91	AS	0	taken from Gilles graphic log; qz-asy vn
95.07	95.14	AS	0	taken from Gilles graphic log; qz-asy vn
95.65	95.75	AS	0	taken from Gilles graphic log; qz-asy vn
101.69	101.70	AS	0	taken from Gilles graphic log; qz-asy vn
104.20	104.21	AS	0	taken from Gilles graphic log; qz-asy vn
104.55	104.56	AS	0	taken from Gilles graphic log; qz-asy vn
105.25	105.27	AS	0	taken from Gilles graphic log; qz-asy vn
105.45	105.55	PO	0	taken from Gilles graphic log; qz-po-chlor vn
106.10	106.30	PO	0	taken from Gilles graphic log; qz-asy vn
106.60	106.61	AS	0	taken from Gilles graphic log; qz-asy vn
107.20	107.21	AS	0	taken from Gilles graphic log; qz-fspar-asy vn
108.70	108.71	AS	0	taken from Gilles graphic log; qz-fspar-asy vn
109.10	109.20	PO	0	taken from Gilles graphic log; qz-po-chlor vn
110.00	110.01	AS	0	taken from Gilles graphic log; qz-asy vn
110.25	110.40	AS	0	taken from Gilles graphic log; qz-asy vn
110.90	110.95	PO	0	taken from Gilles graphic log; qz-asy vn
111.00	111.10	AS	0	taken from Gilles graphic log; qz-asy vn
111.40	111.41	AS	0	taken from Gilles graphic log; qz-asy vn
111.65	111.86	AS	0	taken from Gilles graphic log; qz-asy vn
112.40	112.41	AS	0	taken from Gilles graphic log; qz-asy vn
114.05	114.06	AS	0	taken from Gilles graphic log; qz-asy vn
114.50	114.60	AS	0	taken from Gilles graphic log; qz-asy vn
116.14	116.16	AS	0	taken from Gilles graphic log; qz-asy vn
116.85	116.86	AS	0	taken from Gilles graphic log; qz-asy vn+30 cm qz-ser alteration
117.30	117.40	AS	0	taken from Gilles graphic log; qz-asy vn
117.45	117.55	AS	0	taken from Gilles graphic log; qz-asy vn
117.85	118.10	PO	0	taken from Gilles graphic log; qz-po-chlor-ser vn
118.90	118.91	AS	0	taken from Gilles graphic log; qz-asy vn
120.00	120.10	AS	0	taken from Gilles graphic log; qz-asy vn
120.30	120.31	AS	0	taken from Gilles graphic log; qz-asy vn
120.70	120.71	AS	0	taken from Gilles graphic log; qz-asy vn
121.10	121.30	AS	0	taken from Gilles graphic log; qz-asy vn+ ser altertn (20cm)

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
121.75	121.76	AS	0	taken from Gilles graphic log; qz-asy vn
123.85	123.86	AS	0	taken from Gilles graphic log; qz-asy vn
124.00	124.01	PO	0	taken from Gilles graphic log; qz-po vn
124.20	124.30	AS	0	taken from Gilles graphic log; qz-asy vn
125.15	125.16	AS	0	taken from Gilles graphic log; qz-asy vn
126.30	126.40	AS	0	taken from Gilles graphic log; qz-asy vn
130.00	130.36	PO	0	taken from Gilles graphic log; qz-chlor-fspar-po vn
135.85	136.01	PO	0	taken from Gilles graphic log; qz-chlor-po vn
136.52	136.56	PO	0	136.52-136.56 2% wispy Po, 2%
136.92	136.93	AS	0	At 136.92 metamorphic vein,with chlorite 1% Asp 2% py. In form of blebs.
137.16	137.17	AS	0	At 137.16 quartz sericite Asp sheeted vein stringer with 3% of Asp (of 1-3mm crystals in vein str selvages), with alpha 72, beta 018.
137.42	137.43	PY	0	At 137.42 quartz-sericite vein str. With sericitized halo 7cm wide this halo is densley fractured and contains 2% of fin diss Py.
137.50	137.70	ASPY	0	From 137.5 to 137.7m qtz-ser-Asp-Py sheeted vein str, with 2% finely diss Py and Asp and in sericitized zone 2cm alteration halo, with alpha 30, beta 074, in the vicinity there is ser hairline fra, 5cm apart sub-parallel with qtz vein str, with 5cm ser halo (no visible mineralization).
138.60	138.61	ASPY	0	At 138.6 qtz-ser-2% calcite, fine grained, light grey sheeted vein, 1.5cm thick, with 1cm ser halo, with 10% finely diss Asp and Py in halo, !0 % of 4mm Asp crystals in Agg, concentrated in selv, with alpha 62, beta 010.
138.61	139.40	PY	0	From 138.6-139.4, 1 sheeted vein, 1 sheeted qtz-ankerite, creamy yellowish vein, 4mm thick, (20% ankerite, 10% Py selvages) 10% fine diss Py over entire interval. Alpha 19, beta 045, sub-interval also contains 20cm wide massive metam qtz vein, 10% calcite, 5% Po in blebs, 5% fdiss Py in fractures. Whole sub-interval is dominately sericitized.
139.80	140.21	AS	0	At 139.8-140.21, 1 qtz sheeted vein stringer, 5% of 2mm Asp, 10% fdiss Asp within 4cm zone from str margin, alpha 52, beta 018. Also, qtz-chl-ser-po-asp metamorphosed deformed vein, 20cm thick, chloritized host rock, 20% Asp agg, 5% Po, cut by sheeted qtz-asp stringer with (alpha 52, beta 045).
140.21	142.00	PO	0	30% qtz blebs lenses scont veins metamorphic, 3% po, 1 % aspy; at 140.5m 2 qtz-ser-asy sheeted stringers 1cm apart, with 5% aspy in str (2mm crystals), alpha 62, beta 018
142.00	143.70	PO	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
143.70	144.15	ASPY	0	143.7-144.15m, 3 sheeted veins about 20cm apart, alpha 52, beta no bottom line, 2-7mm thick qtz-ser-calcite(15%)-2%(asp-py), fdis in selvAt s and 3mm sericitized halo, Middle vein contains Jamesonite and Bismuthinite (.5%-trace).

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144.15	144.26	PO	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
146.20	146.21	ASPY	0	146.2m sheeted qtz-2% carb-asp-py vein 1cm thick, 1mm ser margin, 2% fdiss aspy+py in vein selv, alpha 60, no beta.
146.21	146.65	PO	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
146.65	146.66	ASPY	0	146.65m qtz sheeted vein as previous, with 5% as-py agg, 0.5% Jamesonite, mineralization along fra in vein and selv, alpha 57, beta 091? (approx fit core).
146.66	147.75	PO	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
147.75	147.76	AS	0	At 147.75m , qtz sheeted vein, fmg, grey white, 30% 7mm asp within vein, 10% py+cp fdiss 2cm away from vein margins, followed by 2cm wide ser zone with no visible mineralization, alpha57, beta 091?.
147.76	148.10	PO	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
148.10	148.11	BIS	0	At 148.1m, qtz-ser sheeted vein, 3mm thick, with 1% bismuthinite, and 2mm ser alteration, alpha 57, beta 091?.
148.11	149.80	PO	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
149.80	149.81	AS	0	At 149.8m, qtz-ser sheeted vein, 1cm thick, with trace fdiss asp in selv, 3mm ser halo, 1% bismuthinite? + Jamesonite in selv, alpha 62, beta 258 (previous 091 beta's are suspect)
150.20	150.21	PO	0	2% Po on fra, foliation planes, over entire unit, foliation at 150.2m, alpha 19, beta 045
151.60	152.10	PO	0	Meta qtz blebs, veins, lenses 15% over interval assoc Po 2%, Po also occurs over entire interval 2% wispy Po.
152.10	152.39	POCP	0	152.1-152.4m contain 30% Po as agg in meta qtz vein, with trace cp, 1cm thick.
152.40	152.41	AS	0	At 152.4m regular fra, 2mm thick with 70% aspy continuous for 3cm.
152.42	153.09	PO	0	Meta qtz blebs, veins, lenses 15% over interval assoc Po 2%, Po also occurs over entire interval 2% wispy Po.
153.10	153.11	ASPY	0	At 153.1m sheeted vein, qtz-calcite, 4% 1-2mm py+aspy, within vein and vein selv finely diss 2cm from margins, alpha 66, beta 045, with 5mm sericitized margin.
153.12	155.14	PO	0	Meta qtz blebs, veins, lenses 15% over interval assoc Po 2%, Po also occurs over entire interval 2% wispy Po.
155.15	155.16	ASPY	0	At 155.15m sheeted qtz-2% cal-ser sheeted vein, 3mm seric margin, 2cm thick vein, light grey, fine grained, 1% asp+py in selv, alpha 52, beta 074

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157.20	157.21	AS	0	About 2% planar qtz-sericite vein stringers with faded margins and <1% fine aspy with stringers as at ,157.2m w alpha 72, beta 162
159.75	159.94	PY	0	At 159.75-161.00m sub-interval brecciated/fract, and veined with dominant ser alteration, with ankerite vein str (2mm thick over 10cm), up to 5cm wide ser halo, 4% py 2mm grains in selv, 1% aspy, alpha 224, beta 027.
159.95	160.00	PY	0	At 159.75-161.00m sub-interval brecciated/fract, and veined with dominant ser alteration, with ankerite vein str (2mm thick over 10cm), up to 5cm wide ser halo, 4% py 2mm grains in selv, 1% aspy, alpha 224, beta 027.
160.00	160.01	AS	0	Ankerite str is cut by 1.5cm thick sheeted vein(at 160.00), 2mm sericite halo, trace asp in selv, alpha 36, beta 342.
160.60	160.61	AS	0	At 160.6m sheeted vein, same as previoius, alpha 36, beta 342.
160.61	161.00	PY	0	At 159.75-161.00m sub-interval brecciated/fract, and veined with dominant ser alteration, with ankerite vein str (2mm thick over 10cm), up to 5cm wide ser halo, 4% py 2mm grains in selv, 1% aspy, alpha 224, beta 027.
162.16	162.17	AS	0	At 162.16m qtz-ser-10% calcite-2% aspy sheeted vein, also 2% asp in 2mm wide selv, same alpha and beta as last sheeted vein, alpha 36, beta 342.
163.25	163.26	AS	0	At 163.25m, qtz-ser-asp sheeted vein 4mm thick, with 20% asp and 10% py in vein (1-3mm grainsize sulphide diss), 2cm wide sericitized halo at up-hole side, 10cm downhole side, alpha 85, beta 000.
163.75	164.05	AS	0	At 163.75-164.05m, 3 sheeted veins, qtz-ser-asp-up to 5% calcite, fine-grained, light grey, all veins 2-3cm thick, 5% asp as 4mm euhedral crystals within veins+selvages + host rock between veins, ser halo 2mm thick, ser along foliation between veins outsid
164.45	164.46	AS	0	At 164.45m, qtz sheeted vein, 5mm thick, wh, fine grained, 5% 1-5mm diss asp crystals, in vein selv (5mm wide) and in vein.
164.50	164.51	AS	0	At 164.50m, qtz-ser-asp, 2mm thick 2mm thick ser selv, asp 5% in veins and, 1cm from vein margins, alpha 42, beta 351
164.60	165.00	AS	0	164.6-165m, set of 2 qtz-ser-asp sheeted veins, 2-4mm thick, 30cm apart, 1mm sericitized margin, 5% 1-4mm asp, diss in vein/vein selv+2cm away from vein margins, alpha+beta same as previous.
165.73	165.74	AS	0	At 165.73m, qtz-ser-5% calcite sheeted vein, 1cm thick, light grey, fine grained, 2% 1-3mm asp, trace bismuthinite, in vein and selv, sericitized halo is 2mm thick, alpha 42, beta 120.
166.40	166.41	AS	0	At 166.4m qtz-2% calcite-ser sheeted vein, 1.5 cm thick, light grey, fmg, 2% 1-2mm asp in 1-7mm wide sericitized halo, alpha 042, beta 120.
167.64	167.80	ASPO	0	167.64-167.80m, vein, brecciated, chl-ser zone, with 20% Py, 10% asp, 10% Po diss in zone along fra, and 1 sheeted vein with qtz-1% cal, sheeted vein, 5mm thick, fmg, wh, 5% 1-2mm asp, diss in vein selv, alpha 62, beta 045.

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167.90	167.91	AS	0	At 167.9m, qtz-1% sheeted vein, 4mm thick, lightgrey white,1-2% asp in vein+selvs+in 2mm sericitized halo, alpha 62, beta045.
170.30	170.80	AS	0	170.3-170.8m set of two qtz-2% calcite sheeted veins, 50cm apart, 5mm thick,fmg,light grey wh, 2-3% 1-2mm asp in selvs and 1cm zone away from selvs, no sericitized margin or halo, alpha 62, beta 045.
172.00	172.20	AS	0	172.0-172.2m, set of 5 sheeted veins, qtz, 2-4mm thick, 1-5cm apart, up to 15% 1-2mm asp in veins and zones between veins+selvs, also 8 % py finely diss throughout interval, alpha 042, beta 156.
172.40	172.70	AS	0	172.4-172.7m, set of 2 sheeted veins, 25cm apart, upper vein is qtz-1% calcite, 2mm thick, fmg, grey, 2% 1-2mm asp in vein+selv+5mm zone away from vein, no ser halo, alpha 80, no beta, lower vein is py hairline following fra, alpha 47, no beta.
173.94	173.95	AS	0	At 173.94m, qtz-ser-2% calcite sheeted vein, 5mm thick, 5mm sericitized halo, fmg, light grey, with 5% 1-3mm asp in vein+selvs+halo, and zone 2-4cm away from vein margins. Alpha 62, beta 342.
176.45	176.46	AS	0	176.45m qtz-ser-asp sheeted stringer, 3mm sericitized halo, 3% 2mm asp in vein and halo, alpha57, no beta.
177.70	177.71	AS	0	177.7m qtz-ser sheeted str 2mm thick, 2mm ser halo, 2% fine diss asp in halo+selvage, finegrained, light grained, alpha24, beta045.
177.90	177.91	ASPY	0	At 177.9m qtz-ser sheeted vein, 3mm wide, 3mm ser halo, fgrained, light grey, 2% finely diss asp+pyrite in selvs+halo, alpha66, beta000.
178.35	178.45	AS	0	178.35-178.45m, set of 3 sheeted veins, 3cm apart, qtz-1% calcite, 2-4mm thick, faded margins within overall ser zone, 2% 1mm asp in selvs, alpha57, beta351.
178.75	178.90	AS	0	178.75-178.90m, set of 3 qtz-ser sheeted stringers, upper 2 spaced by .5cm, lower one is 7cm apart, 1-5mm thick, fmg, grey-white, 2mm ser halo, 2% 1mm asp in selvs and ser halo, alpha66, beta110.
179.18	179.30	ASPY	0	179.18-179.3m, set of 6 sheeted qtz-sericite-stringer-vein, 2-1cm thick, (3 clustered1cm apart at beginning of interval), lower ones 5cm apart near end of section, one is 1cm rest are 2mm thick, 3% 1-3mm asp in vein selvages and ser halo, 2% f diss pi in
179.50	179.51	ASPY	0	at 179.5m qtz-10% calcite sheeted vein, 1cm thick fmg, lgreywhite, 2% 2-3mm py and asp in vein selvs, within sericitized zone, alpha 52, beta100.
179.80	179.90	PYPO	0	179.8-180.25m, 35% qtz-meta veins/lenses, with 2% blebby py+po chloritized host frags, + 2 sheeted veins: upper vein, qtz-5%calcite-ser, m-coarse grained, 1cm thick, 3mm ser halo, 3% f diss asp+pi in selvs+halo. Lower vein, qtz-50% calcite-ser vein str,
179.90	179.91	AS	0	179.9m qtz-20% calcite sheeted str, 3% 1mm asp fine grained, no ser halo but ser zone in general, fine grained, light grey, alpha30, beta038.
181.00	181.10	AS	0	At 181-181.1m, set of 3 sheeted qtz-hairline+vein+stringer, 2cm apart, 1+7+2mm thick downhole, lgrey to wh, fg, 5mm ser halo, 2% asp 1mm asp in selvs and halo, alpha62, beta322.

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181.45	181.46	ASPY	0	181.45m qtz sheeted str, 1mm thick, 1cm ser-halo, 2% 1mm diss asp+pi in halo, alpha62, beta350.
181.46	182.39	PO	0	180.5-183.9m, 45% qtz-deformed meta veins/lenses/blebs with chl host frags, blebby Po-3%, asp+py 1% and with sericitization along fractures.
182.40	182.41	AS	0	182.4m, qtz sheeted vein, 1cm thick, lgrey,fg, with ser+ankerite margins, 3% of 1-5mm asp in vein selv and 2cm from margins, alpha30, beta322.
182.41	182.90	PO	0	180.5-183.9m, 45% qtz-deformed meta veins/lenses/blebs with chl host frags, blebby Po-3%, asp+py 1% and with sericitization along fractures.
182.90	183.15	ASPY	0	182.9-183.15m, set of 3 sheeted qtz-hair-str-vein (downhole), 2-10% calcite, light grey to white, fine grained, 1-2-10mm thick (downhole), 5% 1-4mm py+aspy in vein and zones between veins, all are within a regular-patchy ser-zone, alpha47, beta351 for all
183.15	183.90	PO	0	180.5-183.9m, 45% qtz-deformed meta veins/lenses/blebs with chl host frags, blebby Po-3%, asp+py 1% and with sericitization along fractures.
183.90	184.20	ASPY	0	183.9-184.2m, 40% qtz-chl-2% po-meta veins/blebs/lenses, hairline ser fra 2% randomly oriented with 3% of asp+py along margins.
184.55	184.56	ASPY	0	184.55m, qtz-ser sheeted vein, 15mm thick, 1cm ser halo (light green) propagating into foliations perpend to vein, with 3% 1-2mm aspy in vein+selvs+halo, light grey, fg, alpha62, beta322.
185.13	185.14	PY	0	185.13m, qtz-ank-ser sheeted str, 1mm thick, grey-yellow, 1cm ser-ank halo propagating into foliations, 5-10% fine diss py in halo, alpha52, beta045.
185.63	185.64	PY	0	185.63m, qtz-5% clacite-ankerite, sheeted vein 2mm thick, grey-yellow,fmg, 1cm ser-ank halo, 3% 1-2mm py in vein and halo, alpha47, beta314.
186.50	187.00	PY	0	186.5-187.00m, 45% meta qtz-chl-2% blebby py+po associated with chlorite, 1 sheeted qtz-2%calcite sheeted str, lgrey white, fmg, 1cm ser halo, 1% 1mm py in halo. Overall, 2% po along foliations and crenulations and in the meta veins.
187.06	187.07	PY	0	187.06m, qtz-sheeted vein,5mm thick, fg, lg, 4mm ser halo propagating into foliation, 1% 1mm py in halo, alpha72, beta 045.
187.10	187.11	PY	0	187.1m, qtz-sheeted vein, mg, light grey, 6mm thick, 2mm ser halo, 3% pyrite in vein and halo, alpha57, beta162.
187.50	188.30	ASPY	0	187.5-188.3m. set of 7 sheeted qtz stringers and veins, top 1mm-1-3-1-1-1-5mm thick, light grey, 5% calcite in all, fmg,all have 3-5% 1-3mm asp+py in veins+selvs+ser halos, halos locally 1cm thick but generally pervasive ser alteration, alpha57-62, beta03
188.96	188.97	AS	0	188.96m, set of 2 qtz-ser str, 1mm thick, 2mm ser halo, 2cm apart, fg,lgwhite, 4% 1-3mm asp in vein, minor diss pi in vein and ser halo, alpha62, beta000.

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190.00	190.01	AS	0	190.00m, qtz-2% calcite sheeted vein, 2mm thick, 1cm ser halo, propagating into foliation planes preferentially,lgrey white,fmg, 20% 1mm agg asp within vein and selvages, some in ser halo, alpha62, beta018.
191.25	191.65	PY	0	191.25-191.65m, sericitized zone, with qtz sheeted vein, f-grained white, 2mm ser halo, 3% 1-2mm py in selv and halo, 4% 1-2mm asp in vein+selvs+halo,vein within 5cm calcite-ser irregular patch overprinting the vein, alpha57, beta000, 10cm downhole py fr
193.30	193.31	AS	0	193.3m qtz sheeted vein with light grey, fg, 15% ser blebs in fra, 1.5cm thick and faded margins within generally ser zone, 2% 1-4mm asp in vein and selv, alpha19, beta130.
194.16	194.26	AS	0	194.16-194.26m, set of 2 qtz-ser sheeted veins, 5cm apart, wh, fg,2-3mm wide, 1% 1mm asp in vein and sericitied zone, alpha 62, beta045.
194.70	194.90	ASPY	0	194.7-194.9m, set of 4 qtz-ser vein str, 2mm thick, 1cm sericitized halo, 5cm apart, 2% 1-2mm asp+py in selv and halo, light grey, fg, alpha62, beta045.
195.50	195.60	PY	0	195.5-195.6m, qtz hairline fra with 6% py finely dis, 1cm away from fra, alpha24, beta no (discontinuous), and qtz-ank sheeted vein 4mm thick in ser zone, alpha72, beta064.
196.40	197.10	ASPY	0	196.4-197.3m, ser-ankerite alteration, 8% 1-4mm asp+py blebs along fractures into foliation, and in qtz-ser-ank stringers,
197.10	197.11	PY	0	197.1m, qtz sheeted vein, wh, fg, 1.5cm thick, ser in fra, 2% 1-3mm py in selv, and finely diss 1cm from vein margins, alpha 62, no beta(no bottomline), lower end subinterval massive 10cm qtz vein fine grained ,light-grey wh, ser and chlorite pockets su
197.50	197.80	AS	0	From 197.5-197.8m, set of 5 sheeted veins, upper two, qtz-calcite, light grey,fg, 3mm thick, 5% asp in veins, next 2 veins, first 3mm thick 6cm apart, then 6mm thick vein, alpha72.
198.50	199.50	AS	0	198.5-199.7m, contains ~85% qtz blebs, lenses, veins, fine-grained, light grey, chloritized host fragments incorporated, sub-parallel with foliation, 2% asp associated with ser, with rare bladed 1cm long radiating 1cm clusters, soft-altered. And 5% anker
199.50	199.70	AS	0	199.5-199.7m, set of 3 qtz-3% calcite, fg.lg, sheeted veins, 4mm thick, 5cm apart, with ~2% 1-2mm diss asp in selv, alpha62, beta000.
200.30	200.31	AS	0	At 200.3m, sheeted vein, qtz-ank-chlorite, 2mm thick, 2% asp in selv, 2mm chloritized halo, alpha62, beta342.
200.80	203.49	PYPO	0	abundant qz meta veins; 2% Po and 1% Py and trace asp in unit along foliation planes. 8% ankerite fra. Unit has 30% meta qtz-chl blebs/veins/lenses, light grey, fine grained.
204.10	204.11	AS	0	204.1m, set of 2 qtz-ser stringers, 1mm and 3mm thick, 5cm apart, fg, lg, 1% 1-2mm asp in selv and zone between veins
204.12	204.32	PO	0	204.12-205m, meta qtz-chlorite, 2% blebs Po associated with chlorite, make up 70% of this sub-interval.

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204.32	204.62	AS	0	204.32-204.62m, set of 2 veins about 5cm apart, qtz sheeted veins, 1cm thick, 5mm sericitized halo, wh, fg, 1% asp in selv, faded margins, vuggy with 2-3mm prismatic qtz, alpha 72, beta120, another set of 2 qtz vein str, 5mm and 2mm thick, wh, lg, fg, fad
204.62	205.00	PO	0	204.12-205m, meta qtz-chlorite, 2% blebs Po associated with chlorite, make up 70% of this sub-interval.
205.10	205.11	AS	0	205.1m, qtz-2% calcite sheeted vein, fmg, wh, 2mm thick, 1cm sericitized+chloritized halo, 2% 2mm asp agg in vein selv, alpha72, beta027.
205.20	205.49	ASPY	0	205.2-205.5m, vein brecciated, 15%ank-5%calcite-ser-chlo zone, 1% asp+py fine along ank fractures.
205.50	205.51	AS	0	at 205.5m qtz-sheathed vein, fine-grained, lg, faded margins, 1-2% 2mm asp in vein+2cm away from vein, alpha60 (for last 5) no beta (broken core).
205.51	206.10	SUL	0	205.6-206.1m, set of 5 qtz-sheathed veins, 2-4mm thick, 8cm apart, sericite-ank halo from 3mm to 5cm wide, 3 veins have faded margins, trace grey-black .5mm sulphide,
206.26	206.27	AS	0	At 206.26m, qtz sheeted vein, fg, wh, faded margins, 1% asp in vein, alpha 42, beta110.
206.40	206.60	AS	0	206.4-206.6m, 2 qtz sheeted veins, 13cm apart, 2-4mm thick, wh, fg, within sericitized zone(therefore the halo just continuous to next vein) , upper one 40% asp, 2mm crystals, lower one 10% 2-3mm asp in veins+selv+2cm away from margins, alpha52, beta 342,
207.20	207.21	ASPY	0	207.2m, qtz sheeted vein , 3mm thick, wh, fg, 5% 1-4mm py+asp in vein+selv, alpha52, beta342.
207.30	207.31	AS	0	207.3m, qtz-sheathed stringer, 3% 2mm asp+J? with sericitized 2cm margin.
207.35	207.36	ASPY	0	207.35m, qtz vein parallel to foliation, lg, fg, with ankerite-ser-chlorite halo 1cm , 3mm thick vein, 3% 1mm asp+pyrite in vein and selv, no beta, alpha42.
207.50	208.90	AS	0	207.5-208.9m, set of 7 qtz sheeted veins, 20cm apart, 3-8mm thick, light grey to white, fg, some have 2% 2mm asp in selv, some no mineralization, last 4 veins have 4mm wide sericite halo because less altered chloritic host, alpha47, no beta/no bottom line
212.00	212.01	AS	0	212m, qtz-sheathed vein, 1cm wide, wh, fg, 5mm sericitized halo, faded margins, 1-2% asp in selv, alpha52, beta 342.
212.10	212.50	ASPY	0	212.1-212.5m, 1% fine diss asp+py in fra and in set 1 fra. Sericite ankerite alteration. This interval has numerous planar ser-ank fra at various orientations, ~25% hairline fra in total.
214.27	214.99	PY	0	214.27-217.27m 40% meta qtz-chlorite, massive veins and smaller, lenses, blebs, fg, lg, also 20% ank in fra and foliation planes, 1% finely diss py in ank fra,
215.00	215.01	AS	0	at 215m massive meta-qtz vein, 6cm with vugs and ank, 20% asp in selv, 215.4 qtz-ser-vein, 5mm thick, fg, lg, 20% py in vein and selv,
215.60	215.61	AS	0	215.6m, qtz-40% 2mm wh feldspars, wh, fmg, light grey, 5mm thick, 3% 2-3mm asp in selv, alpha62, no beta(no bottom line).

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
215.61	216.69	PY	0	214.27-217.27m 40% meta qtz-chlorite, massive veins and smaller, lenses, blebs, fg, lg, also 20% ank in fra and foliation planes, 1% finely diss py in ank fra,
216.71	217.10	PY	0	216.7-217.1m meta qtz veins, approx 8, 1cm thick, 1` cm apart, sub-parallel with fol, 6% fine diss pyrite and 1% asp in selv, alpha 62, beta147.
218.80	219.21	ASPY	0	218.8-219.21m, 2% fine asp+py in fra and qtz-ank meta veins, 3mm thick, light grey-yellowish, pinching, folded.
219.46	219.47	AS	0	219.46m, qtz-ank sheeted vein, 2mm thick, 2cm ser halo, fg, wh-yellow, 10% asp in vein, alpha57, 250 beta.
219.60	220.30	PY	0	219.6-220.3m, meta qtz, brecciated, patchy ser-chl-ank alt zone, 40% meta qtz with minor py in selv.
221.00	221.01	AS	0	221m qtz sheeted vein, 7mm wide, wh-fine grained, 35% agg asp, 5% 5mm agg py in vein and selv, alpha55,no bottom line for beta.
221.20	221.40	ASPY	0	221.4-222.2m, ank-ser meta qtz brecciate zone, last half is 30cm massive meta qtz vein, 3% 1mm asp+py in selv and hairline fra.;
222.30	222.60	PY	0	222.3-222.6m 2% py bl in frac ll foltn and metaqz selv; 222.5-226.1m 10% qz vn ll folt, fold, 4mm, fg, gyl, some of them appear planar, random orintn;
223.60	224.00	PY	0	223.6-224m 50% meta qz vein w 10%calcite, 10% anker, 15% 1mm py in clusters in vns, selv; 222.5-226.1m 10% qz vn ll folt, fold, 4mm, fg, gyl, some of them appear planar, random orintn;
224.00	226.10	PY	0	224-226.1m 2% fdis aspy in qz hair and strng, 2% fdis py in meta qz vein selv; 222.5-226.1m 10% qz vn ll folt, fold, 4mm, fg, gyl, some of them appear planar, random orintn;
226.90	226.91	AS	0	226.9m qz sheet vn, 5 mm 45 deg TCA, wh, fg, w 1% 1-2 mm aspy in vn, selv and adjacnt zone, faded marg;
227.00	227.10	PY	0	227-227.1m ser lapr with 1% bl py and chlor 1 cm thick zone around qz planar vn concord with contact-in this zone 10% bl py; the qz sheet vn, 1 cm thick, 85 deg TCA, no vis min;
230.40	230.50	AS	0	230.4-230.5m one qz sheet vn, 1.5 cm thick, faded marg, wh fg, 1% 1 mm aspy in selv, at 85 deg TCA, no altern halo; another qz planr vn, 4 mm thick, 2% 1-2 mm aspy in selv, gyl, with 1mm cc marg, within ser zone; a similar vn about 50 cm to low end; i
231.15	231.16	AS	0	231.15m 4 cm vfol w chlor host frags, wh, fg, w 1% 1 mm aspy in vn and selv;
231.30	231.31	AS	0	231.3m qz sheet vn, 2 mm, gyl, fg, 3% anker, 1% 1 mm aspy in selv, w 1 cm ser-ank halo, w alpha 16 and beta 040;
237.20	237.50	AS	0	237.2-237.5m set of 3 qz sheet vn, fmg, gyl,1-10 cm apart, 3mm thick, w fad marg, 2-10 mm ser halo, 2% 2 mm aspy in vn, selv and ser halo, at 50 deg TCA;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
237.80	237.81	ASPY	0	237.8m qz-10% cc sheet vn, 3 mm thick, fmg, wh, 8% 2mm aspy and py in selv and 1 cm ser halo, at 85 deg TCA; 10 cm to low end set of 4 ser-qz hair planar farcs, 1.5 cm apart with 2 cm ser halo, no vis min, at 60 deg TCA; in the vicinity at low end qz-ser
238.72	238.73	PO	0	238.72m qz sheet vn, gyl, fg, w 15% cholr-5% po blebs, alpha 20, beta 105, no halo, 2 cm thick, a short irreg py fract cutting across
239.32	239.33	AS	0	2% 1-2 mm aspy in ser fracs and pockets of a massive qz ;
239.33	239.39	PYPO	0	the rest of the intervals is veind vfol/mfol and 2 sheet qz vns fg (gyl with defin cc 1mm marg and wh with faded margs), w about 2% of po and py blebs in vn selvs w alpha 30 and beta 090;
239.40	239.41	AS	0	qz vfol/mfol as prev mentn fg, wh, w 2% 2 mm aspy in selvs; this zone has also 20% of cc and ank fracs random orientd;
240.00	240.01	ASPY	0	240m qz sheet vn, wh, fh, 1 cm ank and ser marg, 2% 2 mm py and aspy w alpha 70 and beta 340;
240.60	240.61	AS	0	240.6m set of 5 qz sheet vn, 2-1 cm thick, faded margs, 1% 1 mm aspy in selvs, w 3 mm ser halo, fg, wh-gyl, 1-10 cm apart;
241.10	241.11	AS	0	241.1m qz sheet vn, 2 mm gyl fg, faded margs, 10-35% 2mm aspy in vn w 1 cm ser ank halo;
241.40	241.41	ASPY	0	241.4m ser zoner, 5 cm thick w vfol and fracs w 2% 2 mm diss aspy and py;
241.41	242.30	PY	0	ser-chlor schist with anker fracs; 2% of 1 mm diss py and trace aspy in qz-ank-cc hariline fracs;
244.80	244.81	PY	0	244.8m qz-tou-cc sheet vn, 1 cm thick, alpha 70, beta 240, w tour along margs, fg black, 2% cc in fracs and selvs, fmg, wh, 2% 2 mm py; foltn in the vicinity w alpha 30, beta 020;
245.50	245.51	PY	0	245.5m set of qz-ser-cc sheet vn with 3% diss py in vn and selv, upper 2 mm thick, lower is 4 mm thick, wh-gy, fmg; 10 cm apart, w alpha 45, beta 150;
246.49	247.00	PY	0	qz breccia zone at the begging of the interval, 50 cm wide, with 40% qz frags from 2-10 mm in fmg brown/red matrix (very distinct/different unit), with closely spaced sheet veins; mineralized unit; breccia has 10% bleby py diss in it; the adjacent ser-ank
248.40	248.41	PY	0	at 248.4m qz-50% py sheet vn with 5% 3 mm aspy in selvs w faded margs, at 50-60 deg TCA;
248.46	248.47	AS	0	248.46m another sheet qz-20% ank sheet vn, mcg, vuggy, gyl-or, w 2 % 1 mm diss aspy in vn, at -60 deg TCA wrt to prev vn;
250.00	250.90	ASPY	0	250-250.9m set of 10 qz-ank sheet hairline fracs-string and veins up to 3 mm thick, veins and stringers have 1 mm anker margin, fmg, gyl-or, about 5 cm apart, with 3% 2 mm py bl and 2% aspy in vn, fracs cutting the set w alpha 70--75 deg TCA;
251.70	251.71	AS	0	at the end of this subinterval qz sheet vn 5 mm thick, gyl, fg, within ser schist, w alpha 55 and beta 050, w 2% 1-2 mm aspy in vn and selvs; adjacent next to it is bxd vein, 1 cm thick, with brown fg matrix and 25% fdis py and 2-3 mm qz frags, w alpha 65

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
254.00	254.75	PYPO	0	254-254.75m 60% qz-chlor-2% py and po blebs in chlor frags, w 10-20% bl po and py within two 1 cm thick chlor-ser-ank zones subll w foltn, ~10 cm apart within meta qz and with alpha 35 and beta 144 (coincides w foltn in this subunit);
255.53	255.83	AS	0	255.53-255.83m serd zone w meta qz, sheet vein and ser'd foltn zone; meta qz is with 5% of 3 mm aggre of aspy along fracs in meta qz ; sheet vn: 50% 4 mm aspy cxls in qz-ser sheet vn, 5 mm thick, gyl-wh, fg, w alpha 64 and beta 325; 20% 5 mm aspy cx withi
255.90	256.00	AS	0	ser after musc-min chlor schist with aspy min 10 cm sectn at the beging if unit and 2 sheeted veins and numerous anke-ser-qz planar fracs of various orientns;
256.23	256.24	AS	0	256.23m qz-ser sheet vn, 3 mm thick, 20% 1 mm cc, fmg, w trace 1 mm aspy in selvs, w alpha 64, beta 325;
256.80	256.81	AS	0	256.8m qz sheet vn, 7mm thick, wh, fg, 1% 1 mmm aspy in selvs, vein and 5 cm ser-ank halo, w alpha 60 and beta 325;
258.00	258.19	ASPY	0	258-259.8m the ser schist is densely fracd ~35-40%, ser-ank-qz hairline fracs and the entire interval contains ~ 1-2 % diss 1 mm py and aspy along fracs; 258-259.8m the ser schist is densely fracd ~35-40%, ser-ank-qz hairline fracs and the entire interval
258.20	258.21	ASPY	0	258.2 planar aspy+py string 2 mm thick w alpha 52; 258-259.8m the ser schist is densely fracd ~35-40%, ser-ank-qz hairline fracs and the entire interval contains ~ 1-2 % diss 1 mm py and aspy along fracs;
258.30	258.31	ASPY	0	258.3m qz sheet vn, offet 2 mm, 1 cm thick, wh, fg, 2 % 1 mm aspy and py diss 5 cm away from vn, in vn and in selv; 258-259.8m the ser schist is densely fracd ~35-40%, ser-ank-qz hairline fracs and the entire interval contains ~ 1-2 % diss 1 mm py and as
258.40	258.41	ASPY	0	258.4m as prev py+aspy str, seems to be part of the same set; 258-259.8m the ser schist is densely fracd ~35-40%, ser-ank-qz hairline fracs and the entire interval contains ~ 1-2 % diss 1 mm py and aspy along fracs;
259.20	259.21	AS	0	259.2m 3 cm thick planar, but irreg marg qz vn w 5% ank in fracs, 1% 4 mm aspy in vn or sevs, at 45 deg TCA, wh, fg with ser margs; 258-259.8m the ser schist is densely fracd ~35-40%, ser-ank-qz hairline fracs and the entire interval contains ~ 1-2 % diss
259.21	259.80	ASPY	0	258-259.8m the ser schist is densely fracd ~35-40%, ser-ank-qz hairline fracs and the entire interval contains ~ 1-2 % diss 1 mm py and aspy along fracs;
259.80	260.85	PY	0	qz breccia with meta qz veins, angular qz from 2-1.5 cm, in br fg matrix consistng of 25% py (photo 0866); the rest of the interval contains ~5% dis 1-2 mm py and aspy along fracs
262.20	263.13	ASPY	0	from 262.2-263.13m intensd fracd interval ser schits with up to 2% 1-2 mm diss apy and py along fracs;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
263.13	265.47	ASPY	0	ser after musc schist with minor chlr and ~25% qz vfol and mfol; the entire interval has 1-2% 1-2 mm diss aspy and py in fractures and in qz vfol selv, qz-ank stringers and their selv; ~ 10 qz meta vns are 1 cm thick, wh, fg, 5-20 cm apart with faded m
265.48	265.49	AS	0	265.48m qz sheet vn, 5 mm thgick, 2 mm offset, w alpha 46 and beta 135 w 2% 2 mm aspy in selv, adjacent to it is 1 cm qz-50% fdis py planar vein, dk br, planar, w alpha 33 and beta 068;
265.49	266.39	ASPY	0	ser after musc schist with minor chlr and ~25% qz vfol and mfol; the entire interval has 1-2% 1-2 mm diss aspy and py in fractures and in qz vfol selv, qz-ank stringers and their selv; ~ 10 qz meta vns are 1 cm thick, wh, fg, 5-20 cm apart with faded marg; ~ 15 qz-ank strings and vn are 2-5mm thick, irreg shaped and 2-30 cm apart;
266.40	266.60	SUL	0	266.4-266.6m qz mfol with 1% of unknown grey sulph in vn;
270.27	270.60	PY	0	270.27-270.6m two sheet vn, upper qz -ser vn wh, fg, 5 mm thick, w 5 mm ser halo, 1% py in selv and halo, w alpha 63 and beta 056; lower qz-ser vn, ~25 cm away, w faded marg, central brown (anker) string, 5 mm thick, w 2% 3mm aspy cxls in vn, w 5 mm se
273.70	273.80	ASPY	0	273.7-273.8m two qz-ank sheet vns, upper 3 mm thick, yell cream, fg, 2% 1 mm py in selv w alpha 50 and beta 160 , gamma slick 273 and lower, 10 cm awy is 6 mm thick, mg, yel-cream w 3% 1 mm py and aspy in selv w alpha 50, beta 155, gamma slicks 268;
275.75	275.76	PY	0	275.75m, 3 anker hairline planar frac w 3% diss py along w alpha 17 and beta 095;
276.80	276.81	AS	0	276.8m qz sheet vn with faded marg, fg, gyl, w 1% lead sulp jam(?) and 1% 1 mm aspy in vn selv w alpha 20 and beta 351;
276.81	277.29	JAM	0	from 276.8-277.32 m includes alos other qz vn w faded margd. 5 mm thivk random ortntn, cross cutting each other and containg 1-2% grey sulph jam(?) in them;
277.30	277.33	ASPY	0	277.3m qz sheet vn w fad mrag, 4 mm thick, fg gyl, 1-2% 1 mm aspy and py in selv, w alpha 36 and beta 075;
277.60	277.80	PO	0	277.6-277.8m another strongly vnd=qz subunit w 3% blebs of po within, these qz mfol have 20% ank in frac, pockets;
278.60	279.50	ASPY	0	278.6-279.5m heavily vnd, qz-ser in frac and pockets-minor chlor-2% 2 mm cxls aspy and py w ser, bxd and fractd subunit;
279.80	280.00	PO	0	279.8-280m qz-20% chlor-5% bleb po and 2% 2 mm cxl aspy in this veind (mfol?) subunit;
280.50	280.60	ASPY	0	280.5-280.6 qzmfol w 2% 2 mm aspy and py;
281.00	281.30	PY	0	281-281.3m qz meta zone bxd, fractd, w three qz-ank strings 2-4 cm apart, w 20% 2 mm py, 4% and 8%of py retrospect from upper to low dir;
281.75	282.95	PY	0	massive, weak fractd unit with a few hairline frac filled w py and one qz vfol, 7mm thick, faded marg, fg, gyl cutt across w qz-ser string w 2 % 1 mm pya nd aspy in selv and 1-2 cm away from vn;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
282.95	283.96	ASPY	0	all ser zones are 2% 1-2 mm diss py and aspy along 20% qz-ser-ank hairline frac and microfracs; domint chlor intervals are at 285-285.6m with as usual 1-2% po in foltn planes, cren planes,
285.50	286.00	ASPY	0	285.5-286m set of two ser hairline frac w no vis sulph, w alpha 45 and beta 260; 15 cm away lower dir 2 sheet vn, qz w fad margs, at diff orientn, both 4 mm thick,fg, gyl, 1% 1 mm apy in selva and away zone, upper one w alpha 68 and beta 230; lower one w
286.25	286.35	AS	0	286.35m qz sheet vn 3 mm thick, 2% 1 mm aspy in selv and 3 mm ser-ank halo w alpha 68, beta 138;
286.61	286.62	AS	0	286.61m qz hailine frac w 1% 1 mm diss aspy in selv and away zone w alpha 13 and beta 188;
286.62	288.80	ASPY	0	all ser zones are 2% 1-2 mm diss py and aspy along 20% qz-ser-ank hairline frac and microfracs; domint chlor intervals are at 285-285.6m with as usual 1-2% po in foltn planes, cren planes
288.80	288.81	PO	0	as prev describd in gyd chlor-bio-gt schist/qzose phyl, there is always~ 2% wis po along foltn, this unit has also relatively rare 2-5% qz-ser hairline frac that cut across foltn at various angles, two 5 cm bands of serd zone ll foltn; serctd subsection c
289.10	289.60	AS	0	ser schist is at 289.1-289.6m (incl 5 planar sheet qz vn fad margs, 2% 2 mm aspy in selva and 1 cm ser halo, ~2 cm apart, at 50 deg TCA, 2-5mm thick, gyl and fg and one semimass 3 cm qz vfol),
290.40	290.60	AS	0	290.4-290.6m (incl set of 2 qz sheet vns,wh, fg, 5 mm thick, 4 cm apart, w 1% 1 mm aspy in slevs and 3 mm ser halo, at 45 deg tCA),
291.40	291.80	PYPO	0	291.4-291.8m (mostly qz mfol with 20% mg cc overptint and 5% bleb po with chlor and 3% bl py),
292.25	292.26	AS	0	292.25m qz sheet vn 4mm thick no ser halo w 2% aspy in selvs and james in vn;
295.30	295.50	AS	0	qz meta at 295.3-295.5m (w set of 5 subll qz-ser strings cutting across, w 1% 1mm aspy)
297.30	297.35	AS	0	297.35m qz sheet strn, gyl fmg, w 10% 3-4mm aspy in vn, w alpha 65 and beta 145; foltn in the vicinity w alpha 35 and beta 210;
298.70	298.71	ASPY	0	298.7m qz mass vn, 5 cm w 2% 2 mm py and aspy in selvs w 2 cm ser halo w 4% 1 mm aspy, wh, fcg, w alpha 75 and beta 130; NOTE the down dir from here to EOH has bottom line shifted (offset) beta angle of 90 deg;
300.10	301.10	AS	0	300.1-301.1 (includes 2 mass vns upper 3cm thick vfol irreg marg, gyl, fg; the lowr is qz sheet mass vn w 10 cm ser halo, wh, fg, 2% 1-2 mm aspy in selvs and halo),
302.45	302.80	AS	0	302.45-302.8m (includes 2 sheet vns of diff ortn, uppr 5 mm thick, faded margs, 2 mm sr halo, 2% 1 mm aspy in selvs and halo, at 45 deg TCA, the lower one is 4 mm w ank hairline frac in the center and 3 cm ser-ank halo w 2% 1 amm aspy in selv and halo, at
303.25	303.55	ASPY	0	303.25-303.55m 6 qz-ser sheet vns 2-4mm thick, 2 cm apart, 2 mm ser halo and 50 deg TCA, 1% 1 mm aspy and py in selvs and halos;
303.95	303.96	AS	0	303.95m qz sheet vn, 2 cm thick, fg, wh, fadeed margs, 1 cm ser halo, 2% 1-2mm aspy in selvas and halo, at 45 deg TCA; all qz meta as prev describd;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

VEINS

mFrom	mTo	Vein1	Relog	Comments

136.92	136.93	QCS	0	at 136.92 m metamorphic vein, with chlorite 1% aspy 2% py. In form of blebs.
137.16	137.17	QWA	0	At 137.16m quartz sericite aspy sheeted vein stringer with 3% of aspy (of 1-3mm crystals in vein string selvages), with alpha 72, beta 018.
137.42	137.43	QW	0	At 137.42m quartz-sericite vein string. With sericitized halo 7cm wide this halo is densely fractured and contains 2% of fdiss py.
137.50	137.70	QWS	0	From 137.5 to 137.7m qtz-ser-asp-py sheeted vein string, with 2% fdiss py and aspy and in sericitized zone 2cm alteration halo, with alpha 30, beta 074, in the vicinity there is ser hairline fra, 5cm apart sub-parallel with qtz vein string, with 5cm ser halo (no visible mineralization).
138.60	138.61	QWS	0	At 138.6m qtz-ser-2% calcite, fine grained, light grey sheeted vein, 1.5cm thick, with 1cm ser halo, with 10% finely diss aspy and py in halo, 10 % of 4mm aspy crystals in aggr, concentrated in selv, with alpha 62, beta 010.
138.61	139.40	QCS	0	From 138.6-139.4m, 1 sheeted vein, 1 sheeted qtz-ankerite, creamy yellowish vein, 4mm thick, (20% ankerite, 10% py selvages) 10% fine diss py over entire interval. Alpha 19, beta 045, sub-interval also contains 20cm wide massive metam qtz vein, 10% calcite, 5% Po in blebs, 5% fdiss py in fractures. Whole sub-interval is dominantly sericitized.
139.80	140.21	QAS	0	At 139.8-140.21, 1 qtz sheeted vein stringer, 5% of 2mm Asp, 10% fdiss Asp within 4cm zone from str margin, alpha 52, beta 018. Also, qtz-chl-ser-po-asp metamorphosed deformed vein, 20cm thick, chloritized host rock, 20% Asp agg, 5% Po, cut by sheeted qtz-asp stringer with (alpha 52, beta 045).
140.21	142.00	QS	0	30% qtz blebs lenses discont veins metamorphic, 3% po, 1 % aspy; at 140.5m 2 qtz-ser-asp sheeted stringers 1cm apart, with 5% asp in str (2mm crystals), alpha 62, beta 018
142.00	143.70	QCS	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
143.70	144.15	QWS	0	143.7-144.15m, 3 sheeted veins about 20cm apart, alpha 52, beta no bottom line, 2-7mm thick qtz-ser-calcite(15%)-2%(asp-py), fdis in selvAt s and 3mm sericitized halo, Middle vein contains Jamesonite and Bismuthinite (.5%-trace).
144.15	144.25	QCS	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
144.25	144.26	QWC	0	144.25m qtz meta vein with 1cm vug filled with ser+calcite no visible mineralization.
144.26	146.20	QCS	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
146.20	146.21	QCS	0	146.2m sheeted qtz-2% carb-asp-py vein 1cm thick, 1mm ser margin, 2% fdiss aspy+py in vein selv, alpha 60, no beta.
146.21	146.65	QCS	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
146.65	146.66	QCS	0	146.65m qtz sheeted vein as previous, with 5% as-py agg, 0.5% Jamesonite, mineralization along fra in vein and selv, alpha 57, beta 091? (approx fit core).
146.66	147.75	QCS	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
147.75	147.76	QAS	0	At 147.75m , qtz sheeted vein, fmg, grey white, 30% 7mm asp within vein, 10% py+cp fdiss 2cm away from vein margins, followed by 2cm wide ser zone with no visible mineralization, alpha57, beta 091?.
147.76	148.10	QCS	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
148.10	148.11	QWS	0	At 148.1m, qtz-ser sheeted vein, 3mm thick, with 1% bismuthinite, and 2mm ser alteration, alpha 57, beta 091?.
148.11	149.80	QCS	0	Veins: entire unit (142-150.1m) contains about 15% qtz-chl-po (2% blebs) meta veins, blebs, lenses. (most of deformed qtz veins contain ~20% calcite)
149.80	149.81	QWS	0	At 149.8m, qtz-ser sheeted vein, 1cm thick, with trace fdiss asp in selv, 3mm ser halo, 1% bismuthinite? + Jamesonite in selv, alpha 62, beta 258 (previous 091 beta's are suspect)
151.60	152.10	QS	0	Meta qtz blebs, veins, lenses 15% over interval assoc Po 2%, Po also occurs over entire interval 2% wispy Po.
152.10	152.39	QS	0	152.1-152.4m contain 30% Po as agg in meta qtz vein, with trace cp, 1cm thick.
152.40	152.41	AS	0	At 152.4m regular fra, 2mm thick with 70% aspy continuous for 3cm.
152.42	153.09	QS	0	Meta qtz blebs, veins, lenses 15% over interval assoc Po 2%, Po also occurs over entire interval 2% wispy Po.
153.10	153.11	QCS	0	At 153.1m sheeted vein, qtz-calcite, 4% 1-2mm py+aspy, within vein and vein selv finely diss 2cm from margins, alpha 66, beta 045, with 5mm sericitized margin.
153.12	155.14	QS	0	Meta qtz blebs, veins, lenses 15% over interval assoc Po 2%, Po also occurs over entire interval 2% wispy Po.
155.15	155.16	QCS	0	At 155.15m sheeted qtz-2% cal-ser sheeted vein, 3mm seric margin, 2cm thick vein, light grey, fine grained, 1% aspy+py in selv, alpha 52, beta 074
155.45	157.19	WM	0	80% of ghosted qtz blebs-vein-lenses. Fractures are 5% sericitized hairline, mostly perpendicular to core axis.
157.20	157.21	QWS	0	About 2% planar qtz-sericite vein stringers with faded margins and <1% fine aspy with stringers as at ,157.2m w alpha 72, beta 162

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
157.22	158.20	WM	0	80% of ghosted qtz blebs-vein-lenses. Fractures are 5% sericitized hairline, mostly perpendicular to core axis.
159.75	159.95	CBS	0	At 159.75-161.00m sub-interval brecciated/fract, and veined with dominant ser alteration, with ankerite vein str (2mm thick over 10cm), up to 5cm wide ser halo, 4% py 2mm grains in selv, 1% aspy, alpha 224, beta 027.
159.95	160.00	CBS	0	At 159.75-161.00m sub-interval brecciated/fract, and veined with dominant ser alteration, with ankerite vein str (2mm thick over 10cm), up to 5cm wide ser halo, 4% py 2mm grains in selv, 1% aspy, alpha 224, beta 027.
160.00	160.01	QAS	0	Ankerite str is cut by 1.5cm thick sheeted vein(at 160.00), 2mm sericite halo, trace asp in selv, alpha 36, beta 342.
160.60	160.61	QAS	0	At 160.6m sheeted vein, same as previous, alpha 36, beta 342.
160.61	161.00	CBS	0	At 159.75-161.00m sub-interval brecciated/fract, and veined with dominant ser alteration, with ankerite vein str (2mm thick over 10cm), up to 5cm wide ser halo, 4% py 2mm grains in selv, 1% aspy, alpha 224, beta 027.
162.16	162.17	QWS	0	At 162.16m qtz-ser-10% calcite-2% aspy sheeted vein, also 2% asp in 2mm wide selv, same alpha and beta as last sheeted vein, alpha 36, beta 342.
162.17	162.66	QW	0	Rest of sub interval has meta qtz blebs, veins, lenses with sericitization likely due to abundant fractures. 1% calcite fractures over same sub-interval.
162.66	163.25	QCLP	0	unit has about ~15-20% qtz blebs-lenses, discontinuous meta veins sub-parallel to foliation, chloritization everywhere and chloritized liths in veins and 2% blebby po everywhere. At 163.25m, qtz-ser-asp sheeted vein 4mm thick, with 20% asp and 10% pi in ve
163.25	163.26	QWS	0	At 163.25m, qtz-ser-asp sheeted vein 4mm thick, with 20% aspy and 10% py in vein (1-3mm grain size sulphide diss), 2cm wide sericitized halo at up-hole side, 10cm downhole side, alpha 85, beta 000.
163.75	164.05	QWS	0	At 163.75-164.05m, 3 sheeted veins, qtz-ser-asp-up to 5% calcite, fine-grained, light grey, all veins 2-3cm thick, 5% asp as 4mm euhedral crystals within veins+selvages + host rock between veins, ser halo 2mm thick, ser along foliation between veins outside
164.45	164.46	QAS	0	At 164.45m, qtz sheeted vein, 5mm thick, wh, fine grained, 5% 1-5mm diss asp crystals, in vein selv (5mm wide) and in vein.
164.50	164.51	QWS	0	At 164.50m, qtz-ser-asp, 2mm thick 2mm thick ser selv, asp 5% in veins and, 1cm from vein margins, alpha 42, beta 351
164.60	165.00	QWS	0	164.6-165m, set of 2 qtz-ser-asp sheeted veins, 2-4mm thick, 30cm apart, 1mm sericitized margin, 5% 1-4mm asp, diss in vein/vein selv+2cm away from vein margins, alpha+beta same as previous.
165.73	165.74	QCS	0	At 165.73m, qtz-ser-5% calcite sheeted vein, 1cm thick, light grey, fine grained, 2% 1-3mm asp, trace bismuthinite, in vein and selv, sericitized halo is 2mm thick, alpha 42, beta 120.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
166.40	166.41	QCS	0	At 166.4m qtz-2% calcite-ser sheeted vein, 1.5 cm thick, light grey, fmg, 2% 1-2mm asp in 1-7mm wide sericitized halo, alpha 042, beta 120.
167.64	167.80	QCLS	0	167.64-167.80m, vein, brecciated, chl-ser zone, with 20% Py, 10% asp, 10% Po diss in zone along fra, and 1 sheeted vein with qtz-1% cal, sheeted vein, 5mm thick, fmg, wh, 5% 1-2mm asp, diss in vein selv, alpha 62, beta 045.
167.90	167.91	QWS	0	At 167.9m, qtz-1% sheeted vein, 4mm thick, lightgrey white, 1-2% asp in vein+selv+in 2mm sericitized halo, alpha 62, beta 045.
168.70	168.71	QC	0	At 168.70m, qtz-2% calcite sheeted vein, 2mm thick, f-mg, light grey, no visible mineralization, alpha 62, beta 045.
170.30	170.80	QCS	0	170.3-170.8m set of two qtz-2% calcite sheeted veins, 50cm apart, 5mm thick, fmg, light grey wh, 2-3% 1-2mm asp in selv and 1cm zone away from selv, no sericitized margin or halo, alpha 62, beta 045.
172.00	172.20	QS	0	172.0-172.2m, set of 5 sheeted veins, qtz, 2-4mm thick, 1-5cm apart, up to 15% 1-2mm asp in veins and zones between veins+selv, also 8 % py finely diss throughout interval, alpha 042, beta 156.
172.40	172.70	QAS	0	172.4-172.7m, set of 2 sheeted veins, 25cm apart, upper vein is qtz-1% calcite, 2mm thick, fmg, grey, 2% 1-2mm asp in vein+selv+5mm zone away from vein, no ser halo, alpha 80, no beta, lower vein is py hairline following fra, alpha 47, no beta.
172.70	173.24	QCLP	0	vn1: 172.7-175.35m; unit has about ~15-20% qtz blebs-lenses, discontinuous meta veins sub-parallel to foliation, chloritization everywhere and chloritized liths in veins and 2% blebby po everywhere.
173.24	173.40	QZ	0	At 173.24-173.40m massive white qtz vein, fg, densley fra with no vis mineralization.
173.94	173.95	QWS	0	At 173.94m, qtz-ser-2% calcite sheeted vein, 5mm thick, 5mm sericitized halo, fmg, light grey, with 5% 1-3mm asp in vein+selv+halo, and zone 2-4cm away from vein margins. Alpha 62, beta 342.
175.35	176.10	QC	0	175.53-176.1m, set of 3 sub-parallel calcite-50%-qtz-50% vein stringers 10cm apart, no visible mineralization, no ser-margin, alpha 24, beta 288.
176.45	176.46	QWA	0	176.45m qtz-ser-asp sheeted stringer, 3mm sericitized halo, 3% 2mm asp in vein and halo, alpha 57, no beta.
176.46	176.80	ANK	0	176.4-176.8m ankerite fra sub-parallel with core axis.
176.90	177.20	QW	0	176.9-177.2m, 3 qtz-ser sheeted stringers, 1-4mm thick, 5mm sericitized halo, light grey, fine grained, no vis mineralization, 10cm apart, alpha 57, beta 342.
177.70	177.71	QWA	0	177.7m qtz-ser sheeted str 2mm thick, 2mm ser halo, 2% fine diss asp in halo+selvage, finegrained, light grained, alpha 24, beta 045.
177.90	177.91	QWS	0	At 177.9m qtz-ser sheeted vein, 3mm wide, 3mm ser halo, fgrained, light grey, 2% finely diss asp+pyrite in selv+halo, alpha 66, beta 000.
178.20	178.35	ANK	0	178.2-178.73m, 5% ankerite, fine grained, light orange, fra, 1mm thick, planar, alpha 15, beta 269.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
178.35	178.45	QCAS	0	178.35-178.45m, set of 3 sheeted veins, 3cm apart, qtz-1% calcite, 2-4mm thick, faded margins within overall ser zone, 2% 1mm asp in selv, alpha57, beta351.
178.45	178.73	ANK	0	178.2-178.73m, 5% ankerite, fine grained, light orange, fra, 1mm thick, planar, alpha15, beta 269.
178.75	178.90	QWA	0	178.75-178.90m, set of 3 qtz-ser sheeted stringers, upper 2 spaced by .5cm, lower one is 7cm apart, 1-5mm thick, fmg, grey-white, 2mm ser halo, 2% 1mm asp in selv and ser halo, alpha66, beta110.
179.18	179.30	QWS	0	179.18-179.3m, set of 6 sheeted qtz-sericite-stringer-vein, 2-1cm thick, (3 clustered 1cm apart at beginning of interval), lower ones 5cm apart near end of section, one is 1cm rest are 2mm thick, 3% 1-3mm asp in vein selvages and ser halo, 2% f diss py in
179.50	179.51	QCS	0	at 179.5m qtz-10% calcite sheeted vein, 1cm thick fmg, lgreywhite, 2% 2-3mm py and asp in vein selv, within sericitized zone, alpha 52, beta100.
179.80	179.90	QCLS	0	179.8-180.25m, 35% qtz-meta veins/lenses, with 2% blebby py+po chloritized host frags, + 2 sheeted veins: upper vein, qtz-5%calcite-ser, m-coarse grained, 1cm thick, 3mm ser halo, 3% f diss asp+py in selv+halo. Lower vein, qtz-50% calcite-ser vein str,
179.90	179.91	QCS	0	179.9m qtz-20% calcite sheeted str, 3% 1mm asp fine grained, no ser halo but ser zone in general, fine grained, light grey, alpha30, beta038.
180.50	181.00	QCLS	0	180.5-183.9m, 45% qtz-deformed meta veins/lenses/blebs with chl host frags, blebby Po-3%, asp+py 1% and with sericitization along fractures.
181.00	181.10	QAS	0	At 181-181.1m, set of 3 sheeted qtz-hairline+vein+stringer, 2cm apart, 1+7+2mm thick downhole, lgrey to wh, fg, 5mm ser halo, 2% asp 1mm asp in selv and halo, alpha62, beta322.
181.10	181.44	QCLS	0	180.5-183.9m, 45% qtz-deformed meta veins/lenses/blebs with chl host frags, blebby Po-3%, asp+py 1% and with sericitization along fractures.
181.45	181.46	QWS	0	181.45m qtz sheeted str, 1mm thick, 1cm ser-halo, 2% 1mm diss asp+py in halo, alpha62, beta350.
181.46	182.09	QCLS	0	180.5-183.9m, 45% qtz-deformed meta veins/lenses/blebs with chl host frags, blebby Po-3%, asp+py 1% and with sericitization along fractures.
182.10	182.11	QW	0	At 182.1m qtz-ser sheeted str, 1mm thick, 3mm ser halo, fg,wh, no vis mineralization, alpha66, beta350.
182.11	182.39	QCLS	0	180.5-183.9m, 45% qtz-deformed meta veins/lenses/blebs with chl host frags, blebby Po-3%, asp+py 1% and with sericitization along fractures.
182.40	182.41	QAS	0	182.4m, qtz sheeted vein, 1cm thick, lgrey,fg, with ser+ankerite margins, 3% of 1-5mm asp in vein selv and 2cm from margins, alpha30, beta322.
182.41	182.90	QCLS	0	180.5-183.9m, 45% qtz-deformed meta veins/lenses/blebs with chl host frags, blebby Po-3%, asp+py 1% and with sericitization along fractures.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
182.90	183.15	QCS	0	182.9-183.15m, set of 3 sheeted qtz-hair-str-vein (downhole), 2-10% calcite, light grey to white, fine grained, 1-2-10mm thick (downhole), 5% 1-4mm py+aspy in vein and zones between veins, all are within a regular-patchy ser-zone, alpha47, beta351 for all
183.15	183.90	QCLS	0	180.5-183.9m, 45% qtz-deformed meta veins/lenses/blebs with chl host frags, blebby Po-3%, asp+py 1% and with sericitization along fractures.
183.90	184.20	QCLS	0	183.9-184.2m, 40% qtz-chl-2% po-meta veins/blebs/lenses, hairline ser fra 2% randomly oriented with 3% of asp+py along margins.
184.55	184.56	QWA	0	184.55m, qtz-ser sheeted vein, 15mm thick, 1cm ser halo (light green) propagating into foliations perpend to vein, with 3% 1-2mm aspy in vein+selvs+halo, light grey, fg, alpha62, beta322.
185.13	185.14	QCP	0	185.13m, qtz-ank-ser sheeted str, 1mm thick, grey-yellow, 1cm ser-ank halo propagating into foliations, 5-10% fine diss py in halo, alpha52, beta045.
185.63	185.64	QCP	0	185.63m, qtz-5% calcite-ankerite, sheeted vein 2mm thick, grey-yellow,fmg, 1cm ser-ank halo, 3% 1-2mm py in vein and halo, alpha47, beta314.
186.50	187.00	QCLS	0	186.5-187.00m, 45% meta qtz-chl-2% blebby py+po associated with chlorite, 1 sheeted qtz-2%calcite sheeted str, lgrey white, fmg, 1cm ser halo, 1% 1mm py in halo.
187.06	187.07	QWS	0	187.06m, qtz-sheeted vein,5mm thick, fg, lg, 4mm ser halo propagating into foliation, 1% 1mm py in halo, alpha72, beta 045.
187.10	187.11	QWS	0	187.1m, qtz-sheeted vein, mg, light grey, 6mm thick, 2mm ser halo, 3% pyrite in vein and halo, alpha57, beta162.
187.50	188.30	QCS	0	187.5-188.3m. set of 7 sheeted qtz stringers and veins, top 1mm-1-3-1-1-1-5mm thick, light grey, 5% calcite in all, fmg,all have 3-5% 1-3mm asp+py in veins+selvs+ser halos, halos locally 1cm thick but generally pervasive ser alteration, alpha57-62, beta03
188.96	188.97	QWA	0	188.96m, set of 2 qtz-ser str, 1mm thick, 2mm ser halo, 2cm apart, fg,lgwhite, 4% 1-3mm asp in vein, minor diss pi in vein and ser halo, alpha62, beta000.
190.00	190.01	QCAS	0	190.00m, qtz-2% calcite sheeted vein, 2mm thick, 1cm ser halo, propagating into foliation planes preferentially,lgrey white,fmg, 20% 1mm agg asp within vein and selvages, some in ser halo, alpha62, beta018.
191.25	191.65	QWS	0	191.25-191.65m, sericitized zone, with qtz sheeted vein, f-grained white, 2mm ser halo, 3% 1-2mm py in selvs and halo, 4% 1-2mm asp in vein+selvs+halo,vein within 5cm calcite-ser irregular patch overprinting the vein, alpha57, beta000, 10cm downhole py fr
192.27	192.37	QW	0	192.27-192.37m, set of 6 hairline qtz-ser fra, 5mm ser halo, no visible mineralization, alpha35, beta240.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
192.70	193.24	QW	0	192.7-193.3, set of 2 qtz-ser sheeted hairline fra, 5mm ser halo, no vis mineralization, light green, fine grained, 55cm apart, alpha19, beta250, also qtz-ser vein str, 2mm thick, no vis mineralization, wh, fg, no ser halo, alpha 66, beta038, and
193.25	193.26	QZ	0	193.25m, qtz str, 2mm ser halo, fg, light green, alpha52, beta138. Overall, unit is lacking qtz meta veins/blebs/lenses, and ser alteration restricted to veins and fra.
193.30	193.31	QWA	0	193.3m qtz sheeted vein with light grey, fg, 15% ser blebs in fra, 1.5cm thick and faded margins within generally ser zone, 2% 1-4mm asp in vein and selvs, alpha19, beta130.
193.90	194.10	QW	0	193.9-194.1m, 3 qtz-ser hairline laminar fra, 5cm apart, within generally sericitic alt zone, no mineralization, alpha62, beta269.
194.16	194.26	QWA	0	194.16-194.26m, set of 2 qtz-ser sheeted veins, 5cm apart, wh, fg, 2-3mm wide, 1% 1mm asp in vein and sericitized zone, alpha 62, beta045.
194.70	194.90	QWS	0	194.7-194.9m, set of 4 qtz-ser vein str, 2mm thick, 1cm sericitized halo, 5cm apart, 2% 1-2mm asp+py in selvs and halo, light grey, fg, alpha62, beta045.
195.50	195.60	QPY	0	195.5-195.6m, qtz hairline fra with 6% py finely dis, 1cm away from fra, alpha24, beta no (discontinuous), and qtz-ank sheeted vein 4mm thick in ser zone, alpha72, beta064.
195.70	196.40	QCWM	0	195.7-196.5m, set of 16 qtz-ser-ank-calcite hairline fra, 1mm thick, each 5cm apart, lightgreen-yellowish, no vis mineralization, alpha36, beta250.
196.40	196.50	CBS	0	196.4-197.3m, ser-ankerite alteration, 8% 1-4mm asp+py blebs along fractures into foliation, and in qtz-ser-ank stringers,
196.50	196.51	QCWM	0	196.5m 2 qtz-ank-ser str, 1mm thick, yellow white, fg, alpha75, beta027, 3cm apart,
196.80	197.10	QC	0	196.8-197.1m, set of 2 qtz-ank veins, 5mm thick, 6cm apart, alpha 62, beta027, and set of qtz-ank, 4mm thick, white-brown, fg, 20cm apart, alpha52, beta305, ankerite is either in vein or on selvage,
197.10	197.11	QWS	0	197.1m, qtz sheeted vein, wh, fg, 1.5cm thick, ser in fra, 2% 1-3mm py in selvs, and finely diss 1cm from vein margins, alpha 62, no beta(no bottomline), lower end subinterval massive 10cm qtz vein fine grained, light-grey wh, ser and chlorite pockets su
197.50	197.80	QCAS	0	From 197.5-197.8m, set of 5 sheeted veins, upper two, qtz-calcite, light grey, fg, 3mm thick, 5% asp in veins, next 2 veins, first 3mm thick 6cm apart, then 6mm thick vein, alpha72.
198.50	199.51	QCLS	0	198.5-199.7m, contains ~85% qtz blebs, lenses, veins, fine-grained, light grey, chloritized host fragments incorporated, sub-parallel with foliation, 2% asp associated with ser, with rare bladed 1cm long radiating 1cm clusters, soft-altered. And 5% anker
199.51	199.70	QCAS	0	199.5-199.7m, set of 3 qtz-3% calcite, fg.lg, sheeted veins, 4mm thick, 5cm apart, with ~2% 1-2mm diss asp in selvs, alpha62, beta000.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
199.90	200.05	QCWM	0	199.9-200.05m, set of 4 irregular qtz-ankerite-sericite stringers, non-planar, 2-5cm apart, 1-2mm thick, no vis mineralization, 3mm ser halo within general sericitized zone, alpha 62, beta 342. Over e
200.30	200.31	QCAS	0	At 200.3m, sheeted vein, qtz-ank-chlorite, 2mm thick, 2% asp in selv, 2mm chloritized halo, alpha62, beta342.
200.80	203.49	QCLS	0	abundant qz meta veins; 2% Po and 1% Py and trace asp in unit along foliation planes. 8% ankerite fra. Unit has 30% meta qtz-chl blebs/veins/lenses, light grey, fine grained.
203.50	203.51	QC	0	203.5m, 20cm long qtz-ankerite hairline fracture, alpha10, no beta.
204.10	204.11	QWA	0	204.1m, set of 2 qtz-ser stringers, 1mm and 3mm thick, 5cm apart, fg, lg, 1% 1-2mm asp in selv and zone between veins
204.12	204.32	QCLS	0	204.12-205m, meta qtz-chlorite, 2% blebs Po associated with chlorite, make up 70% of this sub-interval.
204.32	204.62	QWA	0	204.32-204.62m, set of 2 veins about 5cm apart, qtz sheeted veins, 1cm thick, 5mm sericitized halo, wh, fg, 1% asp in selv, faded margins, vuggy with 2-3mm prismatic qtz, alpha 72, beta120, another set of 2 qtz vein str, 5mm and 2mm thick, wh, lg, fg, fad
204.62	205.00	QCLS	0	204.12-205m, meta qtz-chlorite, 2% blebs Po associated with chlorite, make up 70% of this sub-interval.
205.10	205.11	QCAS	0	205.1m, qtz-2% calcite sheetd vein, fmg, wh, 2mm thick, 1cm sericitized+chloritized halo, 2% 2mm asp agg in vein selv, alpha72, beta027.
205.50	205.51	QAS	0	at 205.5m qtz-sheeted vein, fine-grained, lg, faded margins, 1-2% 2mm asp in vein+2cm away from vein, alpha60 (for last 5) no beta (broken core).
205.51	206.10	QCS	0	205.6-206.1m, set of 5 qtz-sheeted veins, 2-4mm thick, 8cm apart, sericite-ank halo from 3mm to 5cm wide, 3 veins have faded margins, trace grey-black .5mm sulphide,
206.26	206.27	QAS	0	At 206.26m, qtz sheeted vein, fg, wh, faded margins, 1% asp in vein, alpha 42, beta110.
206.40	206.60	QAS	0	206.4-206.6m, 2 qtz sheeted veins, 13cm apart, 2-4mm thick, wh, fg, within sericitized zone(therefore the halo just continuous to next vein) , upper one 40% asp, 2mm crstals, lower one 10% 2-3mm asp in veins+selv+2cm away from margins, alpha52, beta 342,
206.60	207.00	WM	0	206.6-207m, set of 2 sub-parallel sericite fra, planar, hairline, ser propagate 1cm halo into foliation preferentially, alpha 19, beta269.
207.05	207.06	QCL	0	207.05m, qtz sheeted vein with white, fmg, chloritized margins, no vis mineralization, 7mm thick, alpha 52, beta092.
207.20	207.21	QS	0	207.2m, qtz sheeted vein , 3mm thick, wh, fg, 5% 1-4mm py+asp in vein+selv, alpha52, beta342.
207.30	207.31	QWS	0	207.3m, qtz-sheeted stringer, 3% 2mm asp+J? with sericitized 2cm margin.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
207.35	207.36	QCS	0	207.35m, qtz vein parallel to foliation, lg, fg, with ankerite-ser-chlorite halo 1cm , 3mm thick vein, 3% 1mm asp+pyrite in vein and selv, no beta, alpha42.
207.50	208.90	QAS	0	207.5-208.9m, set of 7 qtz sheeted veins, 20cm apart, 3-8mm thick, light grey to white,fg, some have 2% 2mm asp in selv, some no mineralization, last 4 veins have 4mm wide sericite halo because less altered chloritic host, alpha47, no beta/no bottom line
210.40	212.00	QCWM	0	210.4-213.51m, 4 sets of sericitized hairline fra and veins. Set 1, qtz-ser-ank hairline planar fra, 1-40cm apart, 8 of them, some have 3 mm ser halo emanating away along foltn planes, no vis minzn w alpha 57, beta 250, set 1 crosses set 2; Set 2, 4 qtz
212.00	212.01	QAS	0	212m, qtz-sheeted vein, 1cm wide, wh, fg, 5mm sericitized halo, faded margins, 1-2% asp in selv, alpha52, beta 342.
212.10	212.50	SUL	0	212.1-212.5m, 1% fine diss asp+py in fra and in set 1 fra. Sericite ankerite alteration. This interval has numerous planar ser-ank fra at various orientations, ~25% hairline fra in total.
212.50	214.27	QCL	0	212.5-214.27m 50% meta qtz, lenses, blebs/veins and chloritized hot frags.
214.27	214.99	QCL	0	214.27-217.27m 40% meta qtz-chlorite, massive veins and smaller, lenses, blebs, fg, lg, also 20% ank in fra and foliation planes, 1% finely diss py in ank fra,
215.00	215.01	QAS	0	at 215m massive meta-qtz vein, 6cm with vugs and ank, 20% asp in selv,
215.40	215.41	QWS	0	215.4 qtz-ser-vein, 5mm thick, fg, lg, 20% py in vein and selv,
215.45	215.46	QAS	0	at 215.45m, 2% 3mm asp in meta qtz, fragment with sericite-ankerite,
215.46	215.59	QCL	0	214.27-217.27m 40% meta qtz-chlorite, massive veins and smaller, lenses, blebs, fg, lg, also 20% ank in fra and foliation planes, 1% finely diss py in ank fra,
215.60	215.61	QFS	0	215.6m, qtz-40% 2mm wh feldspars, wh,fmg, light grey, 5mm thick, 3% 2-3mm asp in selv, alpha62, no beta(no bottom line).
215.61	216.69	QCL	0	214.27-217.27m 40% meta qtz-chlorite, massive veins and smaller, lenses, blebs, fg, lg, also 20% ank in fra and foliation planes, 1% finely diss py in ank fra,
216.70	216.71	QZ	0	216.7m, qtz sheeted str, 2mm thick, light grey, fg, alpha 62, beta305,
216.71	217.10	QS	0	216.7-217.1m meta qtz veins, approx 8, 1cm thick, 1` cm apart, sub-parallel with fol, 6% fine diss pyrite and 1% asp in selv, alpha 62, beta147.
217.57	217.87	CCWM	0	217.57-217.87m, 7 ser-ank hairline fractures 1-5cm apart, 2-10mm seric-ank halo, alpha62, no beta(no bottom line).
218.25	218.26	QZ	0	218.25m, qtz sheeted vein, 1cm thick, faded margins, wh, fg, alpha 52.
218.80	219.21	SUL	0	218.8-219.21m, 2% fine asp+py in fra and qtz-ank meta veins, 3mm thick, light grey-yellowish, pinching, folded.
219.46	219.47	QCS	0	219.46m, qtz-ank sheeted vein, 2mm thick, 2cm ser halo, fg, wh-yellow, 10% asp in vein, alpha57, 250 beta.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
219.60	220.30	QPY	0	219.6-220.3m, meta qtz, brecciated, patchy ser-chl-ank alt zone, 40% meta qtz with minor py in selv.
220.30	220.45	CCWM	0	220.3-220.45m, set of 4 ank-ser hairline fra, 8cm apart, with 5mm ser-ank margins, no vis mineralization, alpha62, beta130.
220.45	220.70	CCWM	0	220.45-220.7m, set of 3 sericit-ank hairline fra with 5mm ank-ser margins, alpha 66, beta045.
221.00	221.01	QS	0	221m qtz sheeted vein, 7mm wide, wh-fine grained, 35% agg asp, 5% 5mm agg py in vein and selv, alpha55,no bottom line for beta.
221.40	222.20	QCWM	0	221.4-222.2m, ank-ser meta qtz brecciate zone, last half is 30cm massive meta qtz vein, 3% 1mm asp+py in selv and hairline fra.;
222.30	222.60	PY	0	222.3-222.6m 2% py bl in frac ll foltn and metaqz selv; 222.5-226.1m 10% qz vn ll folt, fold, 4mm, fg, gyl, some of them appear planar, random orintn;
223.60	224.00	QCS	0	223.6-224m 50% meta qz vein w 10%calcite, 10% anker, 15% 1mm py in clusters in vns, selv; 222.5-226.1m 10% qz vn ll folt, fold, 4mm, fg, gyl, some of them appear planar, random orintn;
224.00	226.10	QAS	0	224-226.1m 2% fdis aspy in qz hair and strng, 2% fdis py in meta qz vein selv; 222.5-226.1m 10% qz vn ll folt, fold, 4mm, fg, gyl, some of them appear planar, random orintn;
226.90	226.91	QAS	0	226.9m qz sheet vn, 5 mm 45 deg TCA, wh, fg, w 1% 1-2 mm aspy in vn, selv and adjacnt zone, faded margs;
227.00	227.10	QZ	0	227-227.1m ser lampr with 1% bl py and chlor 1 cm thick zone around qz planar vn concord with contact-in this zone 10% bl py; the qz sheet vn, 1 cm thick, 85 deg TCA, no vis min;
227.90	227.91	QC	0	227.9m qz-30cc-20 ank planar sheet vn, 1 cm thick, 45 deg TCA, fmg, wh-or, w 1 cm sere halo, no vis min;
230.40	230.50	QAS	0	230.4-230.5m one qz sheet vn, 1.5 cm thick, faded margs, wh fg, 1% 1 mm aspy in selv, at 85 deg TCA, no altern halo; another qz planr vn, 4 mm thick, 2% 1-2 mm aspy in selv, gyl, with 1mm cc marg, within ser zone; a similar vn about 50 cm to low end; i
231.00	231.01	QC	0	231m qz-10 ank planar, vfol, with alpha 19, beta 130, 1 cm thick, gyl, fg;
231.15	231.16	QCLS	0	231.15m 4 cm QZ vfol w chlor host frags, wh, fg, w 1% 1 mm aspy in vn and selv;
231.30	231.31	QCS	0	231.3m qz sheet vn, 2 mm, gyl, fg, 3% anker, 1% 1 mm aspy in selv, w 1 cm ser-ank halo, w alpha 16 and beta 040;
232.20	232.60	WM	0	232.2-232.6m set of 7 qz-ser hair sheet fracs, w 2-10 mm ser halo, no vis min;
233.70	234.80	QW	0	3% of QZ vfol+ser planar hair frac with 2 mm ser halo, at var orient, conjugates sets;~30 cm at the lower end, strong ser suBinterval with qz vfol and fracs
237.20	237.50	QWS	0	237.2-237.5m set of 3 qz sheet vn, fmg, gyl,1-10 cm apart, 3mm thick, w fad margs, 2-10 mm ser halo, 2% 2 mm aspy in vn, selv and ser halo, at 50 deg TCA;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
237.80	237.81	QCS	0	237.8m qz-10% cc sheet vn, 3 mm thick, fmg, wh, 8% 2mm aspy and pu in selv and 1 cm ser halo, at 85 deg TCA; 10 cm to low end set of 4 ser-qz hair planar farcs, 1.5 cm apart with 2 cm ser halo, no vis min, at 60 deg TCA; in the vicinity at low end qz-ser
238.72	238.73	QCLS	0	238.72m qz sheet vn, gyl, fg, w 15% cholr-5% po blebs, alpha 20, beta 105, no halo, 2 cm thick, a short irreg py fract cutting across
239.32	239.33	QWS	0	2% 1-2 mm aspy in ser fracs and pockets of a massive qz ;
239.33	239.39	QZ	0	the rest of the intervals is veind vfol/mfol and 2 sheet qz vns fg (gyl with defin cc 1mm marg and wh with faded margs), w about 2% of po and py blebs in vn selvs w alpha 30 and beta 090;
239.40	239.41	QAS	0	qz vfol/mfol as prev mentn fg, wh, w 2% 2 mm aspy in selvs; this zone has also 20% of cc and ank fracs random orientd;
240.00	240.01	QCS	0	240m qz sheet vn, wh, fg, 1 cm ank and ser marg, 2% 2 mm py and aspy w alpha 70 and beta 340;
240.40	240.60	QCS	0	vn1: 240.4-242.32m; ser-chlor schist with anker fracs; 2% of 1 mm diss py and trace aspy in qz-ank-cc hariline fracs;
240.60	240.61	QAS	0	240.6m set of 5 qz sheet vn, 2-1 cm thick, faded margs, 1% 1 mm aspy in selvs, w 3 mm ser halo, fg, wh-gyl, 1-10 cm apart;
241.10	241.11	QAS	0	241.1m qz sheet vn, 2 mm gyl fg, faded margs, 10-35% 2mm aspy in vn w 1 cm ser ank halo;
241.40	241.41	QS	0	241.4m ser zone, 5 cm thick w vfol and fracs w 2% 2 mm diss aspy and py;
242.32	244.79	QZ	0	chlor-bio-gt?- loc andal schist with occasional sheetd veins; 2% qz vfol, 1% ank fracs,
244.80	244.81	QTS	0	244.8m qz-tou-cc sheet vn, 1 cm thick, alpha 70, beta 240, w tour along margs, fg black, 2% cc in fracs and selvs, fmg, wh, 2% 2 mm py; foltn in the vicinity w alpha 30, beta 020;
245.50	245.51	QCS	0	245.5m set of qz-ser-cc sheet vn with 3% diss py in vn and selv, upper 2 mm thick, lower is 4 mm thick, wh-gy, fmg; 10 cm apart, w alpha 45, beta 150;
245.51	246.49	QZ	0	chlor-bio-gt?- loc andal schist with occasional sheetd veins; 2% qz vfol, 1% ank fracs,
246.49	247.00	QZ	0	qz breccia zone at the begging of the interval, 50 cm wide, with 40% qz frags from 2-10 mm in fmg brown/red matrix (very distinct/different unit), with closely spaced sheet veins; mineralized unit; breccia has 10% bleby py diss in it; the adjacent ser-ank
248.40	248.41	QS	0	at 248.4m qz-50% py sheet vn with 5% 3 mm aspy in selvs w faded margs, at 50-60 deg TCA;
248.46	248.47	QCAS	0	248.46m another sheet qz-20% ank sheet vn, mcg, vuggy, gyl-or, w 2 % 1 mm diss aspy in vn, at -60 deg TCA wrt to prev vn;
250.00	250.90	QCS	0	250-250.9m set of 10 qz-ank sheet hairline fracs-string and veins up to 3 mm thick, veins and stringers have 1 mm anker margin, fmg, gyl-or, about 5 cm apart, with 3% 2 mm py bl and 2% aspy in vn, fracs cutting the set w alpha 70--75 deg TCA;
251.10	251.69	WM	0	251.1-251.7m set of 15 ser hairline fracs, w 2 mm ser halo, ~1-4cm apart, no vis min, w alpha 65 and beta 330;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
251.70	251.71	QAS	0	at the end of this subinterval qz sheet vn 5 mm thick, gyl, fg, within ser schist, w alpha 55 and beta 050, w 2% 1-2 mm aspy in vn and selvs; adjacent next to it is bxd vein, 1 cm thick, with brown fg matrix and 25% fdis py and 2-3 mm qz frags, w alpha 65
252.00	252.98	WM	0	252-252.98m set of 20 ser hair fracs, 1-10 cm apart, as descrbd above;
254.00	254.75	QCLS	0	254-254.75m 60% qz-chlor-2% py and po blebs in chlor frags, w 10-20% bl po and py within two 1 cm thick chlor-ser-ank zones subll w foltn, ~10 cm apart within meta qz and with alpha 35 and beta 144 (coincides w foltn in this subunit);
255.53	255.83	QAS	0	255.53-255.83m serd zone w meta qz, sheet vein and ser'd foltn zone; meta qz is with 5% of 3 mm aggre of aspy along fracs in meta qz ; sheet vn: 50% 4 mm aspy cxls in qz-ser sheet vn, 5 mm thick, gyl-wh, fg, w alpha 64 and beta 325; 20% 5 mm aspy cx withi
255.90	256.00	QZ	0	ser after musc-min chlor schist with aspy min 10 cm sectn at the beging if unit and 2 sheeted veins and numerous anke-ser-qz planar fracs of various orientns;
256.23	256.24	QWS	0	256.23m qz-ser sheet vn, 3 mm thick, 20% 1 mm cc, fmg, w trace 1 mm aspy in selvs, w alpha 64, beta 325;
256.80	256.81	QAS	0	256.8m qz sheet vn, 7mm thick, wh, fg, 1% 1 mmm aspy in selvs, vein and 5 cm ser-ank halo, w alpha 60 and beta 325;
258.00	258.19	QCWM	0	258-259.8m the ser schist is densely fracd ~35-40%, ser-ank-qz hairline fracs and the entire interval contains ~ 1-2 % diss 1 mm py and aspy along fracs;
258.20	258.21	SUL	0	258.2 planar aspy+py string 2 mm thick w alpha 52;
258.30	258.31	QS	0	258.3m qz sheet vn, offset 2 mm, 1 cm thick, wh, fg, 2 % 1 mm aspy and py diss 5 cm away from vn, in vn and in selv;
258.40	258.41	SUL	0	258.4m as prev py+aspy str, seems to be part of the same set;
259.20	259.21	QCS	0	259.2m 3 cm thick planar, but irreg marg qz vn w 5% ank in fracs, 1% 4 mm aspy in vn or sevs, at 45 deg TCA, wh, fg with ser margs;
259.21	259.80	QCWM	0	258-259.8m the ser schist is densely fracd ~35-40%, ser-ank-qz hairline fracs and the entire interval contains ~ 1-2 % diss 1 mm py and aspy along fracs;
259.80	260.86	SUL	0	the entire interval contains ~ 1-2 % diss 1 mm py and aspy along fracs;
262.20	263.13	SUL	0	from 262.2-263.13m intensd fracd interval ser schits with up to 2% 1-2 mm diss apy and py along fracs;
263.13	265.47	QCLS	0	ser after musc schist with minor chl and ~25% qz vfol and mfol; the entire interval has 1-2% 1-2 mm diss aspy and py in fractures and in qz vfol selvs, qz-ank stringers and their selvs; ~ 10% qz meta vns are 1 cm thick, wh, fg, 5-20 cm apart with faded
265.48	265.49	QAS	0	265.48m qz sheet vn, 5 mm thick, 2 mm offset, w alpha 46 and beta 135 w 2% 2 mm aspy in selvs, adjacent to it is 1 cm qz-50% fdis py planar vein, dk br, planar, w alpha 33 and beta 068;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
265.49	266.39	QCLS	0	ser after musc schist with minor chlr and ~25% qz vfol and mfol; the entire interval has 1-2% 1-2 mm diss aspy and py in fractures and in qz vfol selv, qz-ank stringers and their selv; ~ 10 qz meta vns are 1 cm thick, wh, fg, 5-20 cm apart with faded m
266.40	266.60	QS	0	266.4-266.6m qz mfol with 1% of unknown grey sulph in vn;
267.00	268.22	QCLS	0	ser schist tends to be veind w qz mfol and vfol and both units contain qz-ser-ank hairline fracs sets as will be describd; qz meta vens (vfol and mfol) w chlor bits within at 267-268.22m
268.32	268.52	QCLS	0	ser schist tends to be veind w qz mfol and vfol and both units contain qz-ser-ank hairline fracs sets as will be describd; qz meta vens (vfol and mfol) w chlor bits within at 268.32-268.52m
270.27	270.60	QWS	0	270.27-270.6m two sheet vn, upper qz -ser vn wh, fg, 5 mm thick, w 5 mm ser halo, 1% py in selv and halo, w alpha 63 and beta 056; lower qz-ser vn, ~25 cm away, w faded margs, central brown (anker) string, 5 mm thick, w 2% 3mm aspy cxls in vn, w 5 mm se
272.60	272.70	QCLS	0	ser schist tends to be veind w qz mfol and vfol and both units contain qz-ser-ank hairline fracs sets as will be describd; qz meta vens (vfol and mfol) w chlor bits within at 272.6-272.7m
273.70	273.80	QCS	0	273.7-273.8m two qz-ank sheet vns, upper 3 mm thick, yell cream, fg, 2% 1 mm py in selv w alpha 50 and beta 160 , gamma slick 273 and lower, 10 cm away is 6 mm thick qz vn, mg, yel-cream w 3% 1 mm py and aspy in selv w alpha 50, beta 155, gamma slicks 2
275.75	275.76	CBS	0	275.75m, 3 anker hairline planar fracs w 3% diss py along w alpha 17 and beta 095;
276.80	276.81	QS	0	276.8m qz sheet vn with faded margs, fg, gyl, w 1% lead sulp jam(?) and 1% 1 mm aspy in vn selv w alpha 20 and beta 351;
276.81	277.29	QS	0	from 276.8-277.32 m includes also other qz vn w faded margd. 5 mm thick random ortntn, cross cutting each other and containg 1-2% grey sulph jam(?) in them;
277.30	277.33	QS	0	277.3m qz sheet vn w fad mrgs, 4 mm thick, fg gyl, 1-2% 1 mm aspy and py in selv, w alpha 36 and beta 075;
277.60	277.80	QCS	0	277.6-277.8m another strongly vnd=qz subunit w 3% blebs of po within, these qz mfol have 20% ank in fracs, pockets;
278.60	279.50	QCLS	0	278.6-279.5m heavily vnd, qz-ser in fracs and pockets-minor chlor-2% 2 mm cxls aspy and py w ser, bxd and fractd subunit;
279.80	280.00	QCLS	0	279.8-280m qz-20% chlor-5% bleb p and 2% 2 mm cxl aspy in this veind (mfol?) subunit;
280.50	280.60	QS	0	280.5-280.6 qzmfol w 2% 2 mm aspy and py;
281.00	281.30	QZ	0	281-281.3m qz meta zone bxd, fractd, w three qz-ank strings 2-4 cm apart, w 20% 2 mm py, 4% and 8%of py retrospect from upper to low dir;
281.50	281.60	QC	0	281.5-281.6m qz mass mfol, wh, fg with 2% ank in fracs;
281.75	282.95	PY	0	massive, weak fractd unit with a few hairline fracs filled w py and one qz vfol, 7mm thick, faded margs, fg, gyl cutt across w qz-ser string w 2 % 1 mm pya nd aspy in selv and 1-2 cm away from vn;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
282.95	283.96	QCWM	0	all ser zones are 2% 1-2 mm diss py and aspy along 20% qz-ser-ank hairline fracs and microfracs;
283.97	283.98	QCAS	0	283.97m qz- 10% ank sheet vn fad margs, 6mm thick fg gyl, 2% 2 mm aspy in selvs and away from margs;
285.50	286.00	WM	0	285.5-286m set of two ser hairline fracs w no vis sulph, w alpha 45 and beta 260; 15 cm away lower dir 2 sheet vn, qz w fad margs, at diff orientn, both 4 mm thick,fg, gyl, 1% 1 mm apy in selva and away zone, upper one w alpha 68 and beta 230; lower one w
286.25	286.35	QAS	0	286.35m qz sheet vn 3 mm thick, 2% 1 mm aspy in selv and 3 mm ser-ank halo w alpha 68, beta 138;
286.61	286.62	QAS	0	286.61m qz hairline frac w 1% 1 mm diss aspy in selv and away zone w alpha 13 and beta 188;
286.62	287.70	QCWM	0	all ser zones are 2% 1-2 mm diss py and aspy along 20% qz-ser-ank hairline fracs and microfracs;
288.80	288.81	QWS	0	this unit has also relatively rare 2-5% qz-ser hairline fracs that cut across foltn at various angles, two 5 cm bands of serd zone ll foltn; serctd subsection commonly qz-ser fractd with 2% 1 mm aspy and py along these fracs and microfracs;
289.10	289.60	QAS	0	ser schist is at 289.1-289.6m (incl 5 planar sheet qz vn fad margs, 2% 2 mm aspy in selva and 1 cm ser halo, ~2 cm apart, at 50 deg TCA, 2-5mm thick, gyl and fg and one semimass 3 cm qz vfol),
290.40	290.60	QAS	0	290.4-290.6m (incl set of 2 qz sheet vns,wh, fg, 5 mm thick, 4 cm apart, w 1% 1 mm aspy in slevs and 3 mm ser halo, at 45 deg tCA),
291.40	291.80	QCLS	0	291.4-291.8m (mostly qz mfol with 20% mg cc overptint and 5% bleb po with chlor and 3% bl py),
292.25	292.26	QS	0	292.25m qz sheet vn 4mm thick no ser halo w 2% aspy in selvs and james in vn;
294.70	294.80	QZ	0	qz meta at 294.7-294.8m
295.30	295.50	QZ	0	qz meta at 295.3-295.5m (w set of 5 subll qz-ser strings cutting across, w 1% 1mm aspy)
297.10	297.30	QZ	0	qz meta at 297.1-297.3m
297.35	297.36	QAS	0	297.35m qz sheet strn, gyl fmg, w 10% 3-4mm aspy in vn, w alpha 65 and beta 145;
298.50	298.70	QZ	0	qz meta at 298.5-298.7m
298.70	298.71	QS	0	298.7m qz mass vn, 5 cm w 2% 2 mm py and aspy in selvs w 2 cm ser halo w 4% 1 mm aspy, wh, fcg, w alpha 75 and beta 130; NOTE the down dir from here to EOH has bottom line shifted (offset) beta angle of 90 deg;
300.10	301.11	QZ	0	300.1-301.1 (includes 2 mass vns upper 3cm thick vfol irreg marg, gyl, fg; the lowr is qz sheet mass vn w 10 cm ser halo, wh, fg, 2% 1-2 mm aspy in selvs and halo),
301.45	301.75	QZ	0	301.45-301.75m (include 4 qz sheet vn, 5 mm thick, fad margs, 1-10 cm apart, at 60-70 deg TCA,
302.45	302.80	QAS	0	302.45-302.8m (includes 2 sheet vns of diff ortn, uppr 5 mm thick, faded margs, 2 mm sr halo, 2% 1 mm aspy in selvs and halo, at 45 deg TCA, the lower one is 4 mm w ank hairline frac in the center and 3 cm ser-ank halo w 2% 1 amm aspy in selv and halo, at
303.25	303.55	QWS	0	303.25-303.55m 6 qz-ser sheet vns 2-4mm thick, 2 cm apart, 2 mm ser halo and 50 deg TCA, 1% 1 mm aspy and py in selvs and halos;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
303.95	303.96	QWS	0	303.95m qz sheet vn, 2 cm thick, fg, wh, fadeed margs, 1 cm ser halo, 2% 1-2mm aspy in selvas and halo, at 45 deg TCA; all qz meta as prev descrbd;
304.50	304.80	QZ	0	qz meta at 304.5-304.8m;

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
34.00	34.50	VN	0	taken from Gilles graphic log; cc vn
42.00	42.50	VN	0	taken from Gilles graphic log; cc vn
52.00	54.00	VN	0	taken from Gilles graphic log; cc vns (50 and -50 deg TCA)
67.50	68.00	VN	0	taken from Gilles graphic log; cc vn
73.50	74.00	VN	0	taken from Gilles graphic log; cc vn
82.70	82.71	VN	0	taken from Gilles graphic log; qz-aspy vn
82.90	82.91	VN	0	taken from Gilles graphic log; qz-aspy vn
84.70	84.71	VN	0	taken from Gilles graphic log; qz-aspy vn
86.00	86.01	VN	0	taken from Gilles graphic log; qz-aspy vn
87.80	87.81	VN	0	taken from Gilles graphic log; qz-aspy vn
89.00	89.01	VN	0	taken from Gilles graphic log; qz-aspy vn
91.80	91.81	VN	0	taken from Gilles graphic log; qz-aspy vn
92.90	92.91	VN	0	taken from Gilles graphic log; qz-aspy vn
95.07	95.08	VN	0	taken from Gilles graphic log; qz-aspy vn
104.25	104.26	VN	0	taken from Gilles graphic log; qz-aspy vn
106.60	106.61	VN	0	taken from Gilles graphic log; qz-aspy vn
108.70	108.71	VN	0	taken from Gilles graphic log; qz-aspy vn
110.00	110.01	VN	0	taken from Gilles graphic log; qz-fspar-aspy vn
111.85	111.86	VN	0	taken from Gilles graphic log; qz-aspy vn
114.05	114.06	VN	0	taken from Gilles graphic log; qz-aspy vn
116.40	116.41	VN	0	taken from Gilles graphic log; qz-aspy vn
117.30	117.31	VN	0	taken from Gilles graphic log; qz-aspy vn
117.45	117.46	VN	0	taken from Gilles graphic log; qz-aspy vn
120.00	120.01	VN	0	taken from Gilles graphic log; qz-aspy vn
121.75	121.76	VN	0	taken from Gilles graphic log; qz-aspy vn
123.85	123.86	VN	0	taken from Gilles graphic log; qz-aspy vn
125.10	125.11	VN	0	taken from Gilles graphic log; qz-aspy vn

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
126.30	126.31	VN	0	taken from Gilles graphic log; qz-asy vn
137.16	137.17	VN	0	At 137.16 quartz sericite Asp sheeted vein stringer with 3% of Asp (of 1-3mm crystals in vein str selvages), with alpha 72, beta 018.
137.50	137.70	VN	0	From 137.5 to 137.7, qtz-ser-Asp-Py sheeted vein str, with 2% finely diss Py and Asp and in sericitized zone 2cm alteration halo, with alpha 30, beta 074, in the vicinity there is ser hairline fra, 5cm apart sub-parallel with qtz vein str, with 5cm ser halo (no visible mineralization).
138.00	138.01	FOL	0	At 138.00 foliation, alpha 19, beta 155.
138.60	138.61	VN	0	At 138.6 qtz-ser-2% calcite, fine grained, light grey sheeted vein, 1.5cm thick, with 1cm ser halo, with 10% finely diss Asp and Py in halo, 10 % of 4mm Asp crystals in Agg, concentrated in selv, with alpha 62, beta 010.
138.61	139.40	VN	0	From 138.6-139.4, 1 sheeted vein, 1 sheeted qtz-ankerite, creamy yellowish vein, 4mm thick, (20% ankerite, 10% Py selvages) 10% fine diss Py over entire interval. Alpha 19, beta 045, sub-interval also contains 20cm wide massive metam qtz vein, 10% calcite, 5% Po in blebs, 5% fdiss Py in fractures. Whole sub-interval is dominately sericitized.
139.50	139.51	FOL	0	At 139.5 foliation alpha 24, beta 147.
139.80	140.21	VN	0	At 139.8-140.21, 1 qtz sheeted vein stringer, 5% of 2mm Asp, 10% fdiss Asp within 4cm zone from str margin, alpha 52, beta 018. Also, qtz-chl-ser-po-asp metamorphosed deformed vein, 20cm thick, chloritized host rock, 20% Asp agg, 5% Po, cut by sheeted qtz-asp stringer with (alpha 52, beta 045).
140.50	140.51	VN	0	at 140.5m 2 qtz-ser-asy sheeted stringers 1cm apart, with 5% aspy in str (2mm crystals), alpha 62, beta 018
143.70	144.15	VN	0	143.7-144.15m, 3 sheeted veins about 20cm apart, alpha 52, beta no bottom line, 2-7mm thick qtz-ser-calcite(15%)-2%(asp-py), fdis in selvAt s and 3mm sericitized halo, Middle vein contains Jamesonite and Bismuthinite (.5%-trace).
146.20	146.21	VN	0	146.2m sheeted qtz-2% carb-asp-py vein 1cm thick, 1mm ser margin, 2% fdiss aspy+py in vein selv, alpha 60, no beta.
146.65	146.66	VN	0	146.65m qtz sheeted vein as previous, with 5% as-py agg, 0.5% Jamesonite, mineralization along fra in vein and selv, alpha 57, beta 091? (approx fit core).
147.75	147.76	VN	0	At 147.75m , qtz sheeted vein, fmg, grey white, 30% 7mm asp within vein, 10% py+cp fdiss 2cm away from vein margins, followed by 2cm wide ser zone with no visible mineralization, alpha57, beta 091?.
148.10	148.11	VN	0	At 148.1m, qtz-ser sheeted vein, 3mm thick, with 1% bismuthinite, and 2mm ser alteration, alpha 57, beta 091?.
149.80	149.81	VN	0	At 149.8m, qtz-ser sheeted vein, 1cm thick, with trace fdiss asp in selv, 3mm ser halo, 1% bismuthinite? + Jamesonite in selv, alpha 62, beta 258 (previous 091 beta's are suspect)
150.20	150.21	FOL	0	2% Po on fra, foliation planes, over entire unit, foliation at 150.2m, alpha 19, beta 045

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
153.10	153.11	VN	0	At 153.1m sheeted vein, qtz-calcite, 4% 1-2mm py+aspy, within vein and vein selv finely diss 2cm from margins, alpha 66, beta 045, with 5mm sericitized margin.
154.64	154.65	FOL	0	At 154.64m, foliation, alpha 36, beta 203.
155.15	155.16	VN	0	At 155.15m sheeted qtz-2% cal-ser sheeted vein, 3mm seric margin, 2cm thick vein, light grey, fine grained, 1% aspy+py in selv, alpha 52, beta 074
157.20	157.21	VN	0	About 2% planar qtz-sericite vein stringers with faded margins and <1% fine aspy with stringers as at 157.2m w alpha 72, beta 162
158.90	158.91	FOL	0	At 158.9m foliation, alpha 36, beta 156
159.75	159.95	VN	0	At 159.75-161.00m sub-interval brecciated/fract, and veined with dominant ser alteration, with ankerite vein str (2mm thick over 10cm), up to 5cm wide ser halo, 4% py 2mm grains in selv, 1% aspy, alpha 24, beta 027.
159.95	159.96	VN	0	At 159.75-161.00m sub-interval brecciated/fract, and veined with dominant ser alteration, with ankerite vein str (2mm thick over 10cm), up to 5cm wide ser halo, 4% py 2mm grains in selv, 1% aspy, alpha 24, beta 027.
160.00	160.01	VN	0	Ankerite str is cut by 1.5cm thick sheeted vein(at 160.00), 2mm sericite halo, trace asp in selv, alpha 36, beta 342.
160.60	160.61	VN	0	At 160.6m sheeted vein, same as previoius, alpha 36, beta 342.
160.61	161.00	VN	0	At 159.75-161.00m sub-interval brecciated/fract, and veined with dominant ser alteration, with ankerite vein str (2mm thick over 10cm), up to 5cm wide ser halo, 4% py 2mm grains in selv, 1% aspy, alpha 24, beta 027.
162.16	162.17	VN	0	At 162.16m qtz-ser-10% calcite-2% aspy sheeted vein, also 2% asp in 2mm wide selv, same alpha and beta as last sheeted vein, alpha 36, beta 342.
162.17	162.18	FOL	0	In vicinity of last sheeted vein, foliation with alpha 36, beta 120.
163.25	163.26	VN	0	At 163.25m, qtz-ser-asp sheeted vein 4mm thick, with 20% asp and 10% py in vein (1-3mm grainsize sulphide diss), 2cm wide sericitized halo at up-hole side, 10cm downhole side, alpha 85, beta 000.
164.50	164.51	VN	0	At 164.50m, qtz-ser-asp, 2mm thick 2mm thick ser selv, asp 5% in veins and, 1cm from vein margins, alpha 42, beta 351
164.60	164.61	FOL	0	Foliation between last set of sheeted veins is alpha 42, beta 120.
164.61	165.00	VN	0	164.6-165m, set of 2 qtz-ser-asp sheeted veins, 2-4mm thick, 30cm apart, 1mm sericitized margin, 5% 1-4mm asp, diss in vein/vein selv+2cm away from vein margins, alpha+beta same as previous.
165.73	165.74	VN	0	At 165.73m, qtz-ser-5% calcite sheeted vein, 1cm thick, light grey, fine grained, 2% 1-3mm asp, trace bismuthinite, in vein and selv, sericitized halo is 2mm thick, alpha 42, beta 120.
166.40	166.41	VN	0	At 166.4m qtz-2% calcite-ser sheeted vein, 1.5 cm thick, light grey, fmg, 2% 1-2mm asp in 1-7mm wide sericitized halo, alpha 042, beta 120.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
167.64	167.80	VN	0	167.64-167.80m, vein, brecciated, chl-ser zone, with 20% Py, 10% asp, 10% Po diss in zone along fra, and 1 sheeted vein with qtz-1% cal, sheeted vein, 5mm thick, fmg, wh, 5% 1-2mm asp, diss in vein selv, alpha 62, beta 045.
167.90	167.91	VN	0	At 167.9m, qtz-1% sheeted vein, 4mm thick, lightgrey white, 1-2% asp in vein+selvs+in 2mm sericitized halo, alpha 62, beta 045.
168.70	168.71	VN	0	At 168.70m, qtz-2% calcite sheeted vein, 2mm thick, f-mg, light grey, no visible mineralization, alpha 62, beta 045.
170.30	170.80	VN	0	170.3-170.8m set of two qtz-2% calcite sheeted veins, 50cm apart, 5mm thick, fmg, light grey wh, 2-3% 1-2mm asp in selv and 1cm zone away from selv, no sericitized margin or halo, alpha 62, beta 045.
172.00	172.20	VN	0	172.0-172.2m, set of 5 sheeted veins, qtz, 2-4mm thick, 1-5cm apart, up to 15% 1-2mm asp in veins and zones between veins+selvs, also 8 % pi finely diss throughout interval, alpha 042, beta 156.
172.40	172.70	VN	0	172.4-172.7m, set of 2 sheeted veins, 25cm apart, upper vein is qtz-1% calcite, 2mm thick, fmg, grey, 2% 1-2mm asp in vein+selv+5mm zone away from vein, no ser halo, alpha 80, no beta, lower vein is py hairline following fra, alpha 47, no beta.
173.94	173.95	VN	0	At 173.94m, qtz-ser-2% calcite sheeted vein, 5mm thick, 5mm sericitized halo, fmg, light grey, with 5% 1-3mm asp in vein+selvs+halo, and zone 2-4cm away from vein margins. Alpha 62, beta 342.
175.00	175.01	FOL	0	At 175.00, foliation alpha 30, beta 130
175.35	176.10	VN	0	175.53-176.1m, set of 3 sub-parallel calcite-50%-qtz-50% vein stringers 10cm apart, no visible mineralization, no ser-margin, alpha 24, beta 288.
176.45	176.46	VN	0	176.45m qtz-ser-asp sheeted stringer, 3mm sericitized halo, 3% 2mm asp in vein and halo, alpha 57, no beta.
176.46	176.80	FRA	0	176.4-176.8m ankerite fra sub-parallel with core axis.
176.90	177.20	VN	0	176.9-177.2m, 3 qtz-ser sheeted stringers, 1-4mm thick, 5mm sericitized halo, light grey, fine grained, no vis mineralization, 10cm apart, alpha 57, beta 342.
177.70	177.71	STR	0	177.7m qtz-ser sheeted str 2mm thick, 2mm ser halo, 2% fine diss asp in halo+selvage, finegrained, light grained, alpha 24, beta 045.
177.71	177.72	FOL	0	177.7m foliation, alpha 30, beta 120.
177.90	177.91	VN	0	At 177.9m qtz-ser sheeted vein, 3mm wide, 3mm ser halo, fgrained, light grey, 2% finely diss asp+pyrite in selv+halo, alpha 66, beta 000.
178.20	178.35	FRA	0	178.2-178.73m, 5% ankerite, fine grained, light orange, fra, 1mm thick, planar, alpha 15, beta 269.
178.35	178.45	VN	0	178.35-178.45m, set of 3 sheeted veins, 3cm apart, qtz-1% calcite, 2-4mm thick, faded margins within overall ser zone, 2% 1mm asp in selv, alpha 57, beta 351.
178.45	178.73	FRA	0	178.2-178.73m, 5% ankerite, fine grained, light orange, fra, 1mm thick, planar, alpha 15, beta 269.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
178.75	178.90	STR	0	178.75-178.90m, set of 3 qtz-ser sheeted stringers, upper 2 spaced by .5cm, lower one is 7cm apart, 1-5mm thick, fmg, grey-white, 2mm ser halo, 2% 1mm asp in selv and ser halo, alpha66, beta110.
179.18	179.30	VN	0	179.18-179.3m, set of 6 sheeted qtz-sericite-stringer-vein, 2-1cm thick, (3 clustered 1cm apart at beginning of interval), lower ones 5cm apart near end of section, one is 1cm rest are 2mm thick, 3% 1-3mm asp in vein selvages and ser halo, 2% f diss pi in
179.50	179.51	VN	0	at 179.5m qtz-10% calcite sheeted vein, 1cm thick fmg, lgreywhite, 2% 2-3mm py and asp in vein selv, within sericitized zone, alpha 52, beta100.
179.80	179.90	VN	0	179.8-180.25m, 35% qtz-meta veins/lenses, with 2% blebby py+po chloritized host frags, + 2 sheeted veins: upper vein, qtz-5%calcite-ser, m-coarse grained, 1cm thick, 3mm ser halo, 3% f diss asp+pi in selv+halo. Lower vein, qtz-50% calcite-ser vein str,
179.90	179.91	STR	0	179.9m qtz-20% calcite sheeted str, 3% 1mm asp fine grained, no ser halo but ser zone in general, fine grained, light grey, alpha30, beta038.
181.00	181.10	STR	0	At 181-181.1m, set of 3 sheeted qtz-hairline+vein+stringer, 2cm apart, 1+7+2mm thick downhole, lgrey to wh, fg, 5mm ser halo, 2% asp 1mm asp in selv and halo, alpha62, beta322.
181.45	181.46	STR	0	181.45m qtz sheeted str, 1mm thick, 1cm ser-halo, 2% 1mm diss asp+pi in halo, alpha62, beta350.
182.10	182.11	STR	0	At 182.1m qtz-ser sheeted str, 1mm thick, 3mm ser halo, fg,wh, no vis mineralization, alpha66, beta350.
182.40	182.41	VN	0	182.4m, qtz sheeted vein, 1cm thick, lgrey,fg, with ser+ankerite margins, 3% of 1-5mm asp in vein selv and 2cm from margins, alpha30, beta322.
182.90	183.15	STR	0	182.9-183.15m, set of 3 sheeted qtz-hair-str-vein (downhole), 2-10% calcite, light grey to white, fine grained, 1-2-10mm thick (downhole), 5% 1-4mm py+aspy in vein and zones between veins, all are within a regular-patchy ser-zone, alpha47, beta351 for all
184.55	184.56	VN	0	184.55m, qtz-ser sheeted vein, 15mm thick, 1cm ser halo (light green) propagating into foliations perpend to vein, with 3% 1-2mm aspy in vein+selv+halo, light grey, fg, alpha62, beta322.
185.13	185.14	STR	0	185.13m, qtz-ank-ser sheeted str, 1mm thick, grey-yellow, 1cm ser-ank halo propagating into foliations, 5-10% fine diss py in halo, alpha52, beta045.
185.63	185.64	VN	0	185.63m, qtz-5% clacite-ankerite, sheeted vein 2mm thick, grey-yellow,fmg, 1cm ser-ank halo, 3% 1-2mm py in vein and halo, alpha47, beta314.
187.06	187.07	VN	0	187.06m, qtz-sheeted vein,5mm thick, fg, lg, 4mm ser halo propagating into foliation, 1% 1mm py in halo, alpha72, beta 045.
187.10	187.11	VN	0	187.1m, qtz-sheeted vein, mg, light grey, 6mm thick, 2mm ser halo, 3% pyrite in vein and halo, alpha57, beta162.
187.50	187.51	FOL	0	187.5m, foliation, alpha 36, beta130.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
187.51	188.30	STR	0	187.5-188.3m. set of 7 sheeted qtz stringers and veins, top 1mm-1-3-1-1-1-5mm thick, light grey, 5% calcite in all, fmg,all have 3-5% 1-3mm asp+py in veins+selvs+ser halos, halos locally 1cm thick but generally pervasive ser alteration, alpha57-62, beta038,038,350,018,018,350.
188.96	188.97	STR	0	188.96m, set of 2 qtz-ser str, 1mm thick, 2mm ser halo, 2cm apart, fg,lgwhite, 4% 1-3mm asp in vein, minor diss pi in vein and ser halo, alpha62, beta000.
190.00	190.01	VN	0	190.00m, qtz-2% calcite sheeted vein, 2mm thick, 1cm ser halo, propagating into foliation planes preferentially,lgrey white,fmg, 20% 1mm agg asp within vein and selvages, some in ser halo, alpha62, beta018.
191.25	191.65	VN	0	191.25-191.65m, sericitized zone, with qtz sheeted vein, f-grained white, 2mm ser halo, 3% 1-2mm py in selvs and halo, 4% 1-2mm asp in vein+selvs+halo,vein within 5cm calcite-ser irregular patch overprinting the vein, alpha57, beta000, 10cm downhole py fr
192.27	192.37	FRA	0	192.27-192.37m, set of 6 hairline qtz-ser fra, 5mm ser halo, no visible mineralization, alpha35, beta240.
192.70	193.24	FRA	0	192.7-193.3, set of 2 qtz-ser sheeted hairline fra, 5mm ser halo, no vis mineralization,light green, fine grained, 55cm apart, alpha19, beta250, also qtz-ser vein str, 2mm thick, no vis mineralization, wh, fg, no ser halo, alpha 66, beta038, and
193.25	193.26	STR	0	193.25m, qtz str, 2mm ser halo, fg, light green, alpha52, beta138. Overall, unit is lacking qtz meta veins/blebs/lenses, and ser alteration restricted to veins and fra.
193.30	193.31	VN	0	193.3m qtz sheeted vein with light grey, fg, 15% ser blebs in fra, 1.5cm thick and faded margins within generally ser zone, 2% 1-4mm asp in vein and selvs, alpha19, beta130.
193.89	194.10	FRA	0	193.9-194.1m, 3 qtz-ser hairline laminar fra, 5cm apart, within generally sericitic alt zone, no mineralization, alpha62, beta269.
194.16	194.26	VN	0	194.16-194.26m, set of 2 qtz-ser sheeted veins, 5cm apart, wh, fg,2-3mm wide, 1% 1mm asp in vein and sericitied zone, alpha 62, beta045.
194.70	194.90	STR	0	194.7-194.9m, set of 4 qtz-ser vein str, 2mm thick, 1cm sericitized halo, 5cm apart, 2% 1-2mm asp+py in selvs and halo, light grey, fg, alpha62, beta045.
195.50	195.60	VN	0	195.5-195.6m, qtz hairline fra with 6% py finely dis, 1cm away from fra, alpha24, beta no (discontinuous), and qtz-ank sheeted vein 4mm thick in ser zone, alpha72, beta064.
195.70	196.50	FRA	0	195.7-196.5m, set of 16 qtz-ser-ank-calcite hairline fra, 1mm thick, each 5cm apart, lightgreen-yellowish, no vis mineralization, alpha36, beta250.
196.50	196.51	STR	0	196.5m 2 qtz-ank-ser str,1mm thick, yellow white, fg, alpha75, beta027, 3cm apart,
196.80	197.10	VN	0	196.8-197.1m, set of 2 qtz-ank veins, 5mm thick, 6cm apart, alpha 62, beta027, and set of qtz-ank, 4mm thick, white-brown, fg, 20cm apart, alpha52, beta305, ankerite is either in vein or on selvage,

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
197.10	197.11	VN	0	197.1m, qtz sheeted vein, wh, fg, 1.5cm thick, ser in fra, 2% 1-3mm py in selvs, and finely diss 1cm from vein margins, alpha 62, no beta(no bottomline), lower end subinterval massive 10cm qtz vein fine grained ,light-grey wh, ser and chlorite pockets su
197.50	197.80	VN	0	From 197.5-197.8m, set of 5 sheeted veins, upper two, qtz-calcite, light grey,fg, 3mm thick, 5% asp in veins, next 2 veins, first 3mm thick 6cm apart, then 6mm thick vein, alpha72.
199.50	199.70	VN	0	199.5-199.7m, set of 3 qtz-3% calcite, fg.lg, sheeted veins, 4mm thick, 5cm apart, with ~2% 1-2mm diss asp in selvs, alpha62, beta000.
199.90	200.05	STR	0	199.9-200.05m, set of 4 irregular qtz-ankerite-sericite stringers, non-planar, 2-5cm apart, 1-2mm thick, no vis mineralization, 3mm ser halo within general sericitized zone, alpha 62, beta 342. Over e
200.30	200.31	STR	0	At 200.3m, sheeted vein, qtz-ank-chlorite, 2mm thick, 2% asp in selvs, 2mm chloritized halo, alpha62, beta342.
200.70	200.71	FOL	0	200.7m, foliation, alpha30, beta120.
203.50	203.51	FRA	0	203.5m, 20cm long qtz-ankerite hairline fracture, alpha10, no beta.
204.32	204.62	VN	0	204.32-204.62m, set of 2 veins about 5cm apart, qtz sheeted veins, 1cm thick, 5mm sericitized halo, wh, fg, 1% asp in selvs, faded margins,vuggy with 2-3mm prismatic qtz, alpha 72, beta120, another set of 2 qtz vein str, 5mm and 2mm thick, wh, lg, fg, fad
205.10	205.11	VN	0	205.1m, qtz-2% calcite sheetd vein, fmg, wh, 2mm thick, 1cm sericitized+chloritized halo, 2% 2mm asp agg in vein selvs, alpha72, beta027.
205.50	205.51	VN	0	at 205.5m qtz-sheeted vein, fine-graioned,lg, faded margins, 1-2% 2mm asp in vein+2cm away from vein, alpha60 (for last 5) no beta (broken core).
206.26	206.27	VN	0	At 206.26m, qtz sheeted vein, fg, wh,faded margins, 1% asp in vein, alpha 42, beta110.
206.40	206.60	VN	0	206.4-206.6m, 2 qtz sheeted veins, 13cm apart, 2-4mm thick, wh, fg, within sericitized zone(therefore the halo just continous to next vein) , upper one 40% asp, 2mm crstals, lower one 10% 2-3mm asp in veins+selvs+2cm away from margins, alpha52, beta 342,
206.60	207.00	FRA	0	206.6-207m, set of 2 sub-parallel sericite fra, planar, hairline, ser propagate 1cm halo into foliation preferentially, alpha 19, beta269.
207.05	207.06	VN	0	207.05m, qtz sheeted vein with white, fmg, chloritized margins, no vis mineralization, 7mm thick, alpha 52, beta092.
207.20	207.21	VN	0	207.2m, qtz sheeted vein , 3mm thick, wh, fg, 5% 1-4mm py+asp in vein+selvs, alpha52, beta342.
207.35	207.36	VN	0	207.35m, qtz vein parallel to foliation, lg, fg, with ankerite-ser-chlorite halo 1cm , 3mm thick vein, 3% 1mm asp+pyrite in vein and selvs, no beta, alpha42.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
207.50	208.90	VN	0	207.5-208.9m, set of 7 qtz sheeted veins, 20cm apart, 3-8mm thick, light grey to white,fg, some have 2% 2mm asp in selvs, some no mineralization, last 4 veins have 4mm wide sericite halo because less altered chloritic host, alpha47, no beta/no bottom line
210.40	212.00	FRA	0	210.4-213.51m, 4 sets of sericitized hairline fra and veins. Set 1, qtz-ser-ank hairline planar fra, 1-40cm apart, 8 of them, some have 3 mm ser halo emanating away along foltn planes, no vis minzn w alpha 57, beta 250, set 1 crosses set 2; Set 2, 4 qtz
212.00	212.01	VN	0	212m, qtz-sheeted vein, 1cm wide, wh, fg, 5mm sericitized halo, faded margins, 1-2% asp in selvs, alpha52, beta 342.
215.60	215.61	VN	0	215.6m, qtz-40% 2mm wh feldspars, wh,fmg, light grey, 5mm thick, 3% 2-3mm asp in selvs, alpha62, no beta(no bottom line).
216.70	216.71	STR	0	216.7m, qtz sheeted str, 2mm thick, light grey, fg, alpha 62, beta305,
216.71	217.10	VN	0	216.7-217.1m meta qtz veins, approx 8, 1cm thick, 1` cm apart, sub-parallel with fol, 6% fine diss pyrite and 1% asp in selvs, alpha 62, beta147.
217.57	217.87	VN	0	217.57-217.87m, 7 ser-ank hairline fractures 1-5cm apart, 2-10mm seric-ank halo, alpha62, no beta(no bottom line).
218.25	218.26	VN	0	218.25m, qtz sheeted vein, 1cm thick, faded margins, wh, fg, alpha 52.
219.46	219.47	VN	0	219.46m, qtz-ank sheeted vein, 2mm thick, 2cm ser halo, fg, wh-yellow, 10% asp in vein, alpha57, 250 beta.
220.30	220.45	FRA	0	220.3-220.45m, set of 4 ank-ser hairline fra, 8cm apart, with 5mm ser-ank margins, no vis mineralization, alpha62, beta130.
220.45	220.70	FRA	0	220.45-220.7m, set of 3 sericit-ank hairline fra with 5mm ank-ser margins, alpha 66, beta045.
221.00	221.01	VN	0	221m qtz sheeted vein, 7mm wide, wh-fine grained, 35% agg asp, 5% 5mm agg py in vein and selvs, alpha55,no bottom line for beta.
226.90	226.91	VN	0	226.9m qz sheet vn, 5 mm 45 deg TCA, wh, fg, w 1% 1-2 mm aspy in vn, selvs and adjacnt zone, faded margs;
227.00	227.10	VN	0	227-227.1m ser lapr with 1% bl py and chlor 1 cm thick zone around qz planar vn concord with contact-in this zone 10% bl py; the qz sheet vn, 1 cm thich, 85 deg TCA, no vis min;
227.90	227.91	VN	0	227.9m qz-30cc-20 ank planar sheet vn, 1 cm thick, 45 deg TCA, fmg, wh-or, w 1 cm sere halo, no vis min;
230.40	230.50	VN	0	230.4-230.5m one qz sheet vn, 1.5 cm thichk, faded margs, wh fg, 1% 1 mm aspy in selvs, at 85 deg TCA, no altern halo; another qz planr vn, 4 mm thick, 2% 1-2 mm aspy in selvs, gyl, with 1mm cc marg, within ser zone; a similar vn about 50 cm to low end; i
231.00	231.01	VN	0	231m qz-10 ank planar, vfol, with alpha 19, beta 130, 1 cm thick, gyl, fg;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
231.30	231.31	VN	0	231.3m qz sheet vn, 2 mm, gyl, fg, 3% anker, 1% 1 mm aspy in selv, w 1 cm ser-ank halo, w alpha 16 and beta 040;
231.60	231.61	FOL	0	231.6m folt w alpha 45 and beta 135;
237.20	237.50	VN	0	237.2-237.5m set of 3 qz sheet vn, fmg, gyl, 1-10 cm apart, 3mm thick, w fad margs, 2-10 mm ser halo, 2% 2 mm aspy in vn, selv and ser halo, at 50 deg TCA;
237.80	237.81	VN	0	237.8m qz-10% cc sheet vn, 3 mm thick, fmg, wh, 8% 2mm aspy and pu in selv and 1 cm ser halo, at 85 deg TCA; 10 cm to low end set of 4 ser-qz hair planar fracs, 1.5 cm apart with 2 cm ser halo, no vis min, at 60 deg TCA; in the vicinity at low end qz-ser
238.72	238.73	VN	0	238.72m qz sheet vn, gyl, fg, w 15% chl-5% po blebs, alpha 20, beta 105, no halo, 2 cm thick, a short irreg py fract cutting across
239.32	239.39	VN	0	the rest of the intervals is veind vfol/mfol and 2 sheet qz vns fg (gyl with defin cc 1mm marg and wh with faded margs), w about 2% of po and py blebs in vn selv w alpha 30 and beta 090;
240.00	240.01	VN	0	240m qz sheet vn, wh, fh, 1 cm ank and ser marg, 2% 2 mm py and aspy w alpha 70 and beta 340;
244.80	244.81	VN	0	244.8m qz-tou-cc sheet vn, 1 cm thick, alpha 70, beta 240, w tour along margs, fg black, 2% cc in fracs and selv, fmg, wh, 2% 2 mm py; foltn in the vicinity w alpha 30, beta 020;
245.50	245.51	VN	0	245.5m set of qz-ser-cc sheet vn with 3% diss py in vn and selv, upper 2 mm thick, lower is 4 mm thick, wh-gy, fmg; 10 cm apart, w alpha 45, beta 150;
248.40	248.41	VN	0	at 248.4m qz-50% py sheet vn with 5% 3 mm aspy in selv w faded margs, at 50-60 deg TCA;
248.46	248.47	VN	0	248.46m another sheet qz-20% ank sheet vn, mcg, vuggy, gyl-or, w 2 % 1 mm diss aspy in vn, at -60 deg TCA wrt to prev vn;
250.00	250.90	FRA	0	250-250.9m set of 10 qz-ank sheet hairline fracs-string and veins up to 3 mm thick, veins and stringers have 1 mm anker margin, fmg, gyl-or, about 5 cm apart, with 3% 2 mm py bl and 2% aspy in vn, fracs cutting the set w alpha 70--75 deg TCA;
251.10	251.69	FRA	0	251.1-251.7m set of 15 ser hairline fracs, w 2 mm ser halo, ~1-4cm apart, no vis min, w alpha 65 and beta 330;
251.70	251.71	VN	0	at the end of this subinterval qz sheet vn 5 mm thick, gyl, fg, within ser schist, w alpha 55 and beta 050, w 2% 1-2 mm aspy in vn and selv; adjacent next to it is bxd vein, 1 cm thick, with brown fg matrix and 25% fdis py and 2-3 mm qz frags, w alpha 65
254.00	254.75	VN	0	254-254.75m 60% qz-chlor-2% py and po blebs in chlor frags, w 10-20% bl po and py within two 1 cm thick chlor-ser-ank zones subll w foltn, ~10 cm apart within meta qz and with alpha 35 and beta 144 (coincides w foltn in this subunit);
255.53	255.83	VN	0	255.53-255.83m serd zone w meta qz, sheet vein and ser'd foltn zone; meta qz is with 5% of 3 mm aggre of aspy along fracs in meta qz ; sheet vn: 50% 4 mm aspy cxls in qz-ser sheet vn, 5 mm thick, gyl-wh, fg, w alpha 64 and beta 325; 20% 5 mm aspy cx withi

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Gilles Dessureau

Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
256.23	256.24	VN	0	256.23m qz-ser sheet vn, 3 mm thick, 20% 1 mm cc, fmg, w trace 1 mm aspy in selv, w alpha 64, beta 325;
256.80	256.81	VN	0	256.8m qz sheet vn, 7mm thick, wh, fg, 1% 1 mmm aspy in selv, vein and 5 cm ser-ank halo, w alpha 60 and beta 325;
257.50	257.51	FOL	0	257.5 foltn w alpha 34 and beta 095;
258.20	258.21	STR	0	258.2 planar aspy+py string 2 mm thick w alpha 52;
265.48	265.49	VN	0	265.48m qz sheet vn, 5 mm thgick, 2 mm offset, w alpha 46 and beta 135 w 2% 2 mm aspy in selv, adjacent to it is 1 cm qz-50% fdis py planar vein, dk br, planar, w alpha 33 and beta 068;
270.27	270.60	VN	0	ser schist tends to be veind w qz mfol and vfol and both units contain qz-ser-ank hairline fracs sets as will be describd; 270.27-270.6m two sheet vn, upper qz -ser vn wh, fg, 5 mm thickk, w 5 mm ser halo, 1% py in selv and halo, w alpha 63 and beta 056
273.70	273.80	VN	0	273.7-273.8m two qz-ank sheet vns, upper 3 mm thick, yell cream, fg, 2% 1 mm py in selv w alpha 50 and beta 160 , gamma slick 273 and lower, 10 cm awy is 6 mm thick, mg, yel-cream w 3% 1 mm py and aspy in selv w alpha 50, beta 155, gamma slicks 268; con
275.75	275.76	FRA	0	275.75m, 3 anker hairline planar fracs w 3% diss py along w alpha 17 and beta 095;
276.80	276.81	VN	0	276.8m qz sheet vn with faded margs, fg, gyl, w 1% lead sulp jam(?) and 1% 1 mm aspy in vn selv w alpha 20 and beta 351;
277.30	277.33	VN	0	277.3m qz sheet vn w fad margs, 4 mm thick, fg gyl, 1-2% 1 mm aspy and py in selv, w alpha 36 and beta 075;
285.50	286.00	FRA	0	285.5-286m set of two ser hairline fracs w no vis sulph, w alpha 45 and beta 260; 15 cm away lower dir 2 sheet vn, qz w fad margs, at diff orientn, both 4 mm thick,fg, gyl, 1% 1 mm apy in selva and away zone, upper one w alpha 68 and beta 230; lower one w
286.25	286.35	VN	0	286.35m qz sheet vn 3 mm thick, 2% 1 mm aspy in selv and 3 mm ser-ank halo w alpha 68, beta 138;
286.50	286.51	FOL	0	foltn at 286.5 w alpha 30 and beta 261;
286.61	286.62	FRA	0	286.61m qz hailine frac w 1% 1 mm diss aspy in selv and away zone w alpha 13 and beta 188;
287.70	287.71	VN	0	ser schist is at 289.1-289.6m (incl 5 planar sheet qz vn fad margs, 2% 2 mm aspy in selva and 1 cm ser halo, ~2 cm apart, at 50 deg TCA, 2-5mm thick, gyl and fg and one semimass 3 cm qz vfol),
288.80	288.81	FOL	0	foltn at 288.8m w alpha 35 and beta 258;
290.40	290.60	VN	0	290.4-290.6m (incl set of 2 qz sheet vns,wh, fg, 5 mm thick, 4 cm apart, w 1% 1 mm aspy in slevs and 3 mm ser halo, at 45 deg tCA),
296.00	296.01	FOL	0	foltn at 296m w alpha 44 and beta 211;
297.35	297.36	STR	0	297.35m qz sheet strn, gyl fmg, w 10% 3-4mm aspy in vn, w alpha 65 and beta 145; foltn in the vicinity w alpha 35 and beta 210;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
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Hole name GDDH-10-027
Length (m) 304.8
Log Date 03/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
298.70	298.71	VN	0	298.7m qz mass vn, 5 cm w 2% 2 mm py and aspy in selvs w 2 cm ser halo w 4% 1 mm aspy, wh, fcg, w alpha 75 and beta 130; NOTE the down dir from here to EOH has bottom line shifted (offset) beta angle of 90 deg;
301.45	301.75	VN	0	301.45-301.75m (include 4 qz sheet vn, 5 mm thick, fad margs, 1-10 cm apart, at 60-70 deg TCA,
302.45	302.80	VN	0	302.45-302.8m (includes 2 sheet vns of diff ortn, uppr 5 mm thick, faded margs, 2 mm sr halo, 2% 1 mm aspy in selvs and halo, at 45 deg TCA, the lower one is 4 mm w ank hairline frac in the center and 3 cm ser-ank halo w 2% 1 amm aspy in selv and halo, at
303.25	303.55	VN	0	303.25-303.55m 6 qz-ser sheet vns 2-4mm thick, 2 cm apart, 2 mm ser halo and 50 deg TCA, 1% 1 mm aspy and py in selvs and halos;
303.95	303.96	VN	0	303.95m qz sheet vn, 2 cm thick, fg, wh, fadeed margs, 1 cm ser halo, 2% 1-2mm aspy in selvas and halo, at 45 deg TCA; all qz meta as prev descrbd;

Project Gold Dome (Sheelite) - Yukon

Area Hawthorne

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-028

Length (m) 295.66

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 09/08/2010

Date Finished 12/08/2010

Other Hole name AUD-017-Haw

Cassing Pulled Yes

Cassing (m) 5.95

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Lauren Blackburn

Target

Log Date 25/09/2010

Hole Comments from 0-150.85m logged by Lauren Blackburn, from 150.85-EOH logged by Karin Fecova; survey tools: GPS and compass

Collar survey Date

Survey By Karin Fecova

Method Handheld GPS

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,456.34	7,072,752.50	1,520.44	180.00	-60.00
Preferred	UTM83-8	439,456.34	7,072,752.50	1,520.44	180.00	
Local	LOCL_AuDom	6,511.63	7,280.48	1,520.44	225.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks
EZ Shot	30.00	-60.90	188.15		188.15	164.90	5,760.00	correction factor=magnetic declination used 23 deg 25 min; time: 8:45 am; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip:2556; temperature: 17.3 deg of Celsius
EZ Shot	140.00	-60.00	192.15		192.15	168.90	5,755.00	correction factor=magnetic declination used 23 deg 25 min; time: 8:15 am; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip:124; temperature: 13.7 deg of Celsius

EZ Shot	295.00	-59.80	198.45		198.45	175.20	5,755.00	correction factor=magnetic declination used 23 deg 25 min; time: 7:35 am; pulled back: 6m; surveyed by JJ Brideau; roll(toolface) rel to dip:130.9; temperature: 9.1 deg of Celsius

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10145294	21/10/2010	71.10	134.30	0
ALS	QC-OK	TR10145297	21/10/2010	134.30	203.70	0
ALS	QC-OK	TR10145299	21/10/2010	5.95	71.10	0
ALS	QC-OK	TR10148627	26/10/2010	203.70	274.82	0
ALS	QC-OK	WH10150444	28/10/2010	274.82	295.66	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I039383	65.65	67.65	2-FDU	0	0.02	2.28	TR10145299
I039398	91.50	93.50	2-FDU	0	0.01	2.44	TR10145294
I039459	190.90	192.84	2-FDU	0	0.05	2.31	TR10145297
I039492	256.03	258.25	2-FDU	0	0.00	2.36	TR10148627
I039368			Blk	0	0.00	0.56	TR10145299
I039414			Blk	0	0.00	0.44	TR10145294
I039448			Blk	0	0.00	0.60	TR10145297
I039481			Blk	0	0.00	0.47	TR10148627
I097371			Blk	0	0.00	0.48	WH10150444
I039378			SRM_OR-15h	0	0.99	0.08	TR10145299
I039426			SRM_OR-15h	0	1.00	0.10	TR10145294
I039439			SRM_OR-16b	0	2.21	0.10	TR10145297
I039473			SRM_OR-16b	0	2.19	0.09	TR10148627

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
56	54	129	96	0	115	160	0	0

Hole name	GDDH-10-028
Length (m)	295.66
Log Date	25/09/2010

Golden Predator
Program 2010
Logger Lauren Blackburn

Log Date 25/09/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
	I039357	0.009	0.1	121				19.60	FEO	4	PER										
20.00																					
	I039358	0.032	0.2	737																	
23.20																					
	I039359	0.031	0.1	517	24.38			24.38	FEO	3	PER										
25.05																					
	I039360	0.568	0.8	3590	Xq																
26.90					27.40			27.40				27.40									
	I039361	0.019	0.1	250	Xqp				FEO	2	PER		0.5	VN							
28.75																					
	I039362	0.089	0.3	1940																	
30.60					31.28			31.28				31.28									
	I039363	0.043	0.1	1140	Xq			32.45	FEO	2	PER	No Data									
32.45																					
	I039364	0.059	0.2	2920	Xqp				FEO	2	PER		0.5	VN							
34.30																					
	I039365	0.013	0.2	33																	
35.75								35.60													

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackbu

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
	I039366	0.035	0.3	482					FEO	3	PER											
37.60					37.43	GG		37.43	FEO	7	PER	37.43	No Data									
	I039367	0.035	0.2	1210																		
39.65																						
	I039369	0.073	0.1	873																		
41.65																						
	I039370	0.02	0.2	325		Xqp	Xp		FEO	3			0.5	VN	0.5	VN						
43.65																						
	I039371	0.031	0.3	391																		
45.65																						
	I039372	0.029	0.1	423																		
47.30					47.30			47.30				47.30										
	I039373	0.021	0.1	429		Xq			FEO	3			0.5	VN	0.5	VN						
49.55					49.55			49.55				49.55										
	I039374	0.309	0.3	319		Xqp			FEO	3			0.5	VN	0.5	VN						
51.93					51.93			51.93				51.93										
	J951381	0.295	0.5	3390				52.40	FEO	7	PER											
53.65						Xq			FEO	3					0.5	VN						

Hole name	GDDH-10-028
Length (m)	295.66
Log Date	25/09/2010

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
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Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	
	I039386	0.017	0.3	432																	
72.85																					
	I039387	0.05	0.5	651	73.65			73.65				73.65									
74.65					74.65	Xqp		74.65	SI	5	PER	74.65	No Data								
	I039388	0.075	0.2	745		Xq			SI	5	PER		0.5	LITH	0.5	VN					
76.25					76.25			76.25				76.25									
	I039389	0.124	0.3	3640																	
78.05																					
	I039390	0.281	0.1	1190																	
80.55						Xqp	lp		SI	5	PER		0.5	VN	0.5	VN					
	I039391	0.051	0.4	573																	
82.55																					
	I039392	0.158	0.2	1330																	
84.45					84.84			84.84				84.84									
	I039393	0.141	0.1	493		GG			SI	5	PER		0.5	VN	0.5	LITH					
86.45																					
	I039394	0.219	0.3	177				87.08				87.08									
87.50					87.50			87.50	FEO	2		87.50	No Data								
	I039395	0.035	0.2	364		Xp	lp		No Data				0.5	VN							
					88.65			88.65				88.65									

Hole name	GDDH-10-028
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Log Date	25/09/2010

Golden Predator
Program 2010
Logger Lauren Blackburn

Log Date 25/09/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
107.00	I039412	0.031	0.1	716								108.85										
108.85	I039413	0.015	0.1	283																		
109.95	I039415	0.063	0.1	54																		
109.95					109.95	Xq		109.95	SI	5	PER	109.95	1.5	LITH	0.5	LITH						
111.95	I039416	0.074	0.1	972																		
113.95	I039417	0.035	0.2	221																		
115.95	I039418	0.063	0.1	1470																		
118.10	I039419	0.032	0.1	95																		
120.20	I039420	0.342	0.2	1390																		
122.30	I039421	0.729	0.8	4230																		

Hole name	GDDH-10-028
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Golden Predator
Program 2010
Logger Lauren Blackburn

Log Date 25/09/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
158.50					158.50	Xq		158.50				No Data										
	I039442	0.008	0.1	215	Xq				CL	4	PER											
161.54																						
	I039443	0.014	0.1	161																		
					163.90			163.80														
164.59					164.30	GG		164.40	WM	4	PER											
	I039444	0.017	0.1	242	Xqp				CL	4	PER		165.10									
166.00					166.00			166.00					165.80	No Data								
	I039445	0.119	2.8	1865	Xqp				WM	4	PER		No Data									
168.24					167.74			168.24														
	I039446	0.149	0.4	1755	Xqp			169.40	CL	4	PER	169.00										
170.69																						
	I039447	0.078	0.3	1050																		
172.45					Xqp				WM	4	PER		1.5	FRA	1.5	VS						
	I039449	0.033	0.1	253																		
174.70																						

Hole name	GDDH-10-028
Length (m)	295.66
Log Date	25/09/2010

Golden Predator
Program 2010
Logger Lauren Blackburn

Log Date 25/09/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
	I039460	0.078	0.3	1590									No Data								
195.07					195.07				CL	3	BAND	193.80									
	I039461	0.046	0.3	884		Xq							No Data								
197.50								197.20				195.20									
	I039462	0.073	0.4	1980									0.5	VS							
					198.60							198.60									
	I039462					Xqp	Xk		WM	4	BAND										
200.50												199.90									
	I039463	0.011	0.1	21								200.50	No Data								
201.60					201.60			201.60													
	I039464	0.019	0.4	453		Xqp						202.45									
203.70					203.70			203.70	CL	4	PER		No Data								
	I039465	0.105	0.8	3040		Xqp			CL	4	PER		No Data								
205.72					205.72			205.72				204.65									
	I039466	0.129	0.3	2310		Xqp			CL	5	PER		No Data								
208.00					208.00			208.00				206.52									
	I039467	0.258	0.8	3220		Xqp			CL	6	PER		No Data								
210.31					210.31			210.31				208.40									

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackbu

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
212.00	I039468	0.037	0.3	372	212.00	Xqp		212.00	CL	7	PER	210.41	No Data						
214.51	I039469	0.007	0.2	188	214.51	Xqp		214.51	CL	8	PER	213.00	No Data						
216.41	I039470	0.026	0.1	606								215.26	No Data						
218.65	I039471	0.058	0.4	1330								216.60	No Data						
220.90	I039472	0.039	0.2	766								218.85	No Data						
222.86	I039474	0.236	4.2	1420								221.00	No Data						
225.50	I039475	0.043	0.2	832								223.15	No Data						
226.95	I039476	0.006	0.2	41								225.85	No Data						
												226.45	No Data						

Golden Predator
Program 2010
Logger Lauren Blackburn

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
228.60	I039477	0.0025	0.1	11	232.90	Xqp		232.90	CL	10	PER	227.90	No Data									
231.00	I039478	0.009	0.1	206								232.20	No Data									
233.20	I039479	0.114	0.2	817								234.10	No Data									
235.27	I039480	0.032	0.1	174	244.34	Xqp		244.34	CL	11	PER	234.70	1.5	VS								
237.74	I039482	0.0025	0.1	67								235.00	No Data									
239.50	I039483	0.04	0.1	477								239.15	No Data									
241.70	I039484	0.02	0.1	242								240.10	No Data									
243.84	I039485	0.007	0.1	45								No Data										
					244.34			244.34				No Data										

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackbu

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

Assays					Litho			Alteration				Mineralization								
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite			
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur
	I039486	0.011	0.1	177		Xqp			CL	12	PER									
246.89					245.60			245.60				246.50								
	I039487	0.005	0.1	20								248.90								
249.10												No Data								
	I039488	0.019	0.1	89								249.94								
251.00						Xqp			CL	13	PER	No Data								
												250.50								
												251.20	1.5	HAIR						
	I039489	0.016	0.1	250								No Data								
253.80												251.40								
	I039490	0.022	0.1	501								No Data								
256.03					256.03			256.03				254.00								
	I039491	0.009	0.1	18								No Data								
258.25												256.93								
	I039493	0.006	0.1	10		Xqp			CL	14	PER	No Data								
261.40					261.40			261.40												
	I039494	0.0025	0.2	40								262.30								
262.33												0.5	VS							

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name	GDDH-10-028
Length (m)	295.66
Log Date	25/09/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
264.14	I039495	0.013	0.1	161	Xqp			273.00	CL	15	PER	266.10	No Data								
266.10	I039496	0.942	0.3	21								266.60	35	VN							
268.22	I039497	0.118	1.9	1890								No Data									
270.40	I039498	0.007	0.1	117								269.80									
273.00	I039499	0.096	0.1	2060								272.90	No Data								
274.82	I039500	0.019	0.1	385	Xq			273.00	CL	16	PER	273.40	No Data								
277.15	I097366	0.063	0.2	1085								273.45									
279.00	I097367	0.044	0.1	403								276.70	No Data								
												279.30									

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackbu

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur						
281.10	I097368	0.037	0.2	507	282.20			282.20				281.10		0.5	STR								
	I097369	0.049	0.3	164								281.20	No Data										
283.46					Xqp			283.26				No Data											
	I097370	0.01	0.1	45								283.76	No Data										
286.00								CL	17	PER		286.20	0.5	VN									
	I097372	0.035	0.2	494								288.40											
289.10					289.10			289.10				289.00	0.5	VN									
	I097373	0.019	0.1	182								289.10											
290.79					Kvl							290.78											
					Xqp							No Data											
292.51	I097374	0.058	0.1	420								290.90											
	I097375	0.034	0.2	718	295.66			CL	19	PER		No Data											
295.66												292.90											

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	5.95	CAS	0	logged by Lauren Blackburn
5.95	24.38	Xqp	0	Xk**pq with two small horizons of Xp(t)-graphite?. Generally competent + FeO coated fractures. Foliated and chlorite altered.
24.38	27.40	Xq	0	Xk**cg with weak - moderate pervasive FeO alteration.
27.40	31.28	Xqp	0	Xk**pq-cg intercalated with weak-moderate local FeO and chlorite alteration.
31.28	32.45	Xq	0	Xk**cg layer with local FeO alteration +/- chlorite alteration.
32.45	37.43	Xqp	0	Intercalated Xk**pq-cg that ends in fracture zone above gouge (lower depth may be off for interval). Small FeO altered fracture zone at ~34m.
37.43	37.60	GG	0	UNK; Intensely FeO altered gouge zone.
37.60	47.30	Xqp	0	Xk**pq (94%) with cg layer (3%) and Xp(t) -graphite? Layers (3%). Xk**pq is locally spotted below qtz vein @ ~46m. Possible lp flow (early, foliation //) at ~42m.
47.30	49.55	Xq	0	Xk**cg layer with weak foliation.
49.55	51.93	Xqp	0	Intercalated Xk**pq-cg with massive, NOD, qtz vein that is locally vuggy.
51.93	55.10	Xq	0	Xk**cg that is competent but locally broken. Banded QW alteration.
55.10	59.65	Xqp	0	Xk**pq with 20% Xp(t) -graphite? Beds and 10% early lp that is foliation //.
59.65	73.65	Xqp	0	Xh pq-cg that might be skarnified but no calc-silicate minerals are evident and no reaction with HCL-. Likely Xk** with late pervasive silicification but to be consistent with logging log as Xh. 15% Xp(t) -graphite? From 71.1-71.8m. Local brecciation at 62m. Lower c
73.65	74.65	Xqp	0	Xk**;Upper contact is gouged. Xk**pq that starts out bleached (QW alteration?).
74.65	76.25	Xq	0	Xk**cg with banded FeO and QW alteration. Might just be hornfelsed, difficult to see calc-silicate mineralogy. Might be late silicification.
76.25	84.84	Xqp	0	Intercalated Xk**pq-cg. Unit starts out with massive (0.8m) qtz + chl vein with disseminated apy and pyr. Xk**cg is mottled locally. lp floq near lower contact (1%).
84.84	87.50	GG	0	UNK; Clay altered (?) gouge zone.
87.50	88.65	Xp	0	Xp(t) (85%) with foliation // lp flows (15%)-- relatively abundant. Appears un-altered.; graph?
88.65	108.85	Xqp	0	Intercalated Xk**pq-cg with Xp(t) -graphite? Beds (8%) and early foliation // lp flows (2%). From 97.54-98.20m is a weak breccia zone. Local spotted and mottled texture in the pq and cg units respectively. Fractured lower contact.
108.85	109.95	Xq	0	Xk**cg with QW and Si alteration throughout. Abundant qtz-clay veins. Locally mottled.
109.95	150.85	Xqp	0	Intercalated Xk**pq-cg with lp flows and Xp(t) -graphite? Beds. Banded QW alteration. Overall trace apy + pyr +/- po mineralization in qtz-clay +/- cc veins. lp flows are near // to core axis (000-015 RTCA). Locally spotted. Tiger texture at 144m. Fracture zone above

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
150.85	152.40	Kvl	0	Kvl; logged by Karin Fecova; heavily ser-cly? Altered lamprophyre with a few cm subintervals of unaltered lamprophyre; lt br colour due to alteration, unaltered portions are dk gy with 10% 2-3mm long br bio needles or books of bio; the groundmass is fg grey; chilled margins not preserved, perhaps possible at the upper contact; the upper contact is with kyanite schist? And this contact zone contains py in blebs (40% of py over 1 cm, following the contact that seems to be 90 deg TCA; unit is cut by ~10% qz-Fecarb stringers, wh-yellow, ~1-2 mm thick, randomly oriented and commonly with sinistral offset; ~3% of sul: py, aspy and po are vfg or fg, diss along fracs, stringers kyanite schist (photo 0846) is grl, heavily sert'd and shows ~5% bladed, light purple/pink crystals, blades randomly oriented (don't know how wide is this unit as I can see only abot 15 cm of core at the beginning of core box;
152.40	153.50	BXq	0	BXq; this interval includes two "breccias": 152.4-152.8m lt gr, ser'd fg-mg qtzite breccia with brecciated qz veins and strongly mineralized (py), along abundant fracs and in qz vein selvages, Fecarb commonly seen filling the fractures; 152.8-153.5 is breccia with qz fragments that appear rounded instead of angular, matrix is fg, blackish (photo 0845); both are mineralized by ~5% py in fracsand qz-Fecarb stringers; the qz-Fecarb strings seems to be lacking in blackish breccia
153.50	154.00	GG	0	BXq; appears to be the same blackish breccia as above
154.00	155.45	Xq	0	Xq; heavily fractured, broken silicifd and in subintervals strongly sert'd qtzite; contains qz-Fecarb stringers and up to 3% py diss along fracs, and stringer selvages
155.45	157.20	Xq	0	Xq; moderately ser'd qtzite; ser seems to prefer locations along foliation, propagating also from fracs cutting across foltn, as well as it seems to be replacing grains in qtzite; this qtzite is dark gy, cannot see shale/phyl laminae in it; grains are ~1mm
157.20	158.50	Xq	0	Xq; hornfld and ser'd qtzite with ~15% 1-2 mm br grains with creamy centers, needle/lens/bladed-like, we think they might be andalusites, either randomly oriented or along foliation planes; ser prefers foliation, forming thin bands, or irregularly patchy
158.50	163.90	Xq	0	Xq; dark gy-light gy fractured qtzite with subintervals with ser altern, propagating from fractures, along foliation, but dominantly unaltered; doesn't seem to be mineralized and veind at all; fairly homogeneous
163.90	164.30	GG	0	Xpq; fault gouge in phyl qtzite (qtzite dominant over phyl laminae), I will start using this code that in reality represents quartz phyllite, which I understand as dominant phyll with subordinate qtz; whatever I logged before, I used two liths and two codes Xq and Xp to express phyl qtzite or qzose phyllite (in the later I would use Xp as lith1 and Xq as lith 2);
164.30	166.00	Xqp	0	Xpq; unaltered, hornfelsd phyll qtzite with andalusite along foltn, but also inbetween phyl laminae, which coincide with strings of andalusite? Grains ; andalusite is 1 mm br-bk short bladed grains with creamy centers; rare qz veins with occasional aspy and py in selvages;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
166.00	167.74	Xqp	0	Xpq; ser'd phyll Qtzite with thin bands (1-2mm) of phyll (dk gy), unaltered Qtzite (lt gy) and ser'd Qtzite (ygrl); last 50 cm if the interval are gyl mass Qtzite and ser'd kyanite schist intruded by qz-py-jamesonite mass vein; interval has occasional qz-asy py sheeted veins and qz hairline fracs with py
167.74	175.70	Xqp	0	Xq; the whole interval is domint Qtzite, but with local variations: andalusite Qtzite (as described before, perhaps originl phyl Qtzite is at 167.8-168.6m -this unit also shows ~30%, 3-4mm, subll, fading rounded dk greenish spots (amp? Px?) that are overprinted with andalusite; hofld Qtzite with andalusite is also at 171-171.2m; most of the intervals is ser'd, with occasional qz-py-ser veins and stringers
175.70	178.70	Xqp	0	Xpq; relatively unaltered phyl Qtzite with ser hairline fractures in the first 50 cm of the interval and brecciated, veined in the last meter of the interval;
178.70	182.40	Xq	0	Xq; domint unaltered Qtzite with occasional ser hairline and stringers and qz-asy sheeted veins
182.40	188.78	Xq	0	Xq; hornfld, partly unaltered, partly ser'd Qtzite with two major veins and brecciation 50 cm long subintervals; the hlfld Qtzite with the andalusite resembles andalusite schist (when grain gets mg, coarser and muscovite coarsens)
188.78	190.17	Xqp	0	Xpq; phyllitic Qtzite with rare deformed qz veins
190.17	195.07	Xqp	0	Xsq; andalusite-ser-chlor schist/phyllite with common deformed qz veins and alternating ser/musc and chlor bands, 1 cm thick subll foltn
195.07	198.60	Xq	0	Xq; slightly ser+chlor Qtzite with unaltered wh-gy subinterval
198.60	201.60	Xqp	0	Xsq; andalusite-ser-chlor schist/phyllite with common deformed qz-chlor veins and few sheeted qz-asy veins, pinkish hue, very likely skarned
201.60	203.70	Xqp	0	Xs; chlor-musc-andal-qz schist w andal along foltn planes or randomly oriented inbetween; andalusite is br, ~20%, 1-3mm with creamy center and dk br rims; unit contains sheeted veins, vfol and chlorite hydrothermal altn is associated with these veins
203.70	205.72	Xqp	0	Xs; chlor-qz schist w pink hue;
205.72	208.00	Xqp	0	Xs; chlor-musc- and schist with pink hue (gt?), short subintervals overprinted by kyanite 5%, bladed, 4 mm long, light blue-whitish, randomly oriented; l; ser>chlor hydrotherm alteration is restricted to veins and their haloes
208.00	210.31	Xqp	0	Xs; chlor-musc-bio?-andal schist with pinkish hue (gt?); ser hyrotherm altn resticted to veins and fracs;
210.31	212.00	Xqp	0	Xs; chlor-musc-andal schist with pink hue (gt?);
212.00	214.51	Xqp	0	Xs; qz-musc schist in the first 50 cm and spotted qz-musc-ser after fspar schst (spots: act after px or hbl: lt green, up to 5 mm spots, subll aligned with foltn, ~45% of spots, sometime elongated, gen rounded); pinkish hue (gt?); 0.5 % po wis over the unit

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
214.51	225.25	Xqp	0	Xs; chlor-musc-andal-loc kyan schist;(1-2mm grains); pinkish hue (gt?), two 50 cm subintervals of ser-musc-qz schist with pinkish hue at 214.5-214.8m, 219.3-219.76m (spotted (chlor) as prev described), 221.4-221.5m (spotted), in general the qz-musc+/- spotted schist grades into chlor-bio(?) -andal+/- kyan schist; from now on I will not repeat descriptions: commonly there are sheeted veins (here as prev described but I will specify thickness, orientation and mineralization, alternating halo qz sheet vein; metamorphosed, deformed veins are as previously described, I will only specify qz vein or qz matrix; present qz-sulph sheet veins and strings
225.25	232.90	Xqp	0	Xs; chlor-musc schist with spotted texture, pink hue, at some locations occasional 2-3mm light pink garnet; with short subintervals of chlor-musc-and/kyan schist at 227.9-228m, 228.85--229m, 229.8-230m; at 225.25-225.85m redefined and fine qz vein; alteration is ser restricted to veins and fractures and chlor restricted to vein and matrix; otherwise Fe-Mg minerals altered to chlorite to ser;
232.90	244.34	Xqp	0	Xs; dominant musc-chlor-bio? - and +/- kyan schist with short subintervals of qz-chl-musc schist at 233.7-233.8m, 234.7-237.5m (the subordinate schist grades into dominant schist and the latter interval includes the transitional stage, at 239.5-240.1m, 243.84-245.34m; qz vein and matrix, chloritoid, discontinuous qz lenses, blebs; NOTE: careful with structure measurements as the bottom does not fit with upper extrapolated bottom line although the core pieces fit together well, it is off ~50 degrees; present also sheet veins and strings, anker and calcite fractures
244.34	245.60	Xqp	0	Xs; fault zone, broken, rubble +/- 5 cm gouge in musc-qz-chlor schist; at 245m qz matrix with ser and chlor in fractures, no visible mineralization, vein, fine, 7cm thick;
245.60	256.03	Xqp	0	Xs; chlor-musc-qz schist with pink hue; with short subintervals of musc-andal+/- kyan schist at 245.6-246m, 246.9-247.7m, 251.5-251.9m, 253.9-254.2m; spotted variety at 254.2-255m; qz matrix and vein, ~3% calcite fractures over entire interval, present are sheet veins with ser haloes and sulphides;
256.03	261.40	Xqp	0	Xs; first half is chlor-musc schist, with short subinterval of chlor-ser-musc-andal or kyan? (4 mm long blades, blackish, randomly oriented, 10%) schist at 258.25-261.4m; the whole interval has abundant qz vein, associated with chlor alternating and also matrix + chloritoid fragments; present also qz-Ferri-carbonate sheet vein
261.40	273.00	Xqp	0	Xs; dominant chlor-musc-schist/phyllosilicate quartzite; with short subintervals of the same unit with bio(?) at 261.4-262.5, 268.22-273m; spotted texture at 265-266.1m; all units have pinkish hue; ser alternating seems to dominate from 262.3-264.14m; all the rest has dominant chlor alternating, mostly due to meta-chlor replacing ferromagnesian minerals; qz matrix and vein (as prev described), qz-ser hair planar fractures with ser halo and sulphides
273.00	282.20	Xq	0	Xs; ser-musc-qz schist with subintervals of chlor-ser - musc schist/"dark" foliated quartzite at 273-273.5m, with patchy chlorite appearance at 276-277.15m, 281.1-282.2m; alteration is ser dominant; in general up to 2% of aspy and py in the entire unit due to present planar hairline fractures and qz strings with biotite and fine grains of py and aspy within fractures and strings and in the adjacent zones;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
282.20	289.10	Xqp	0	Xs; chlor-ser-musc qz schist with gradual increase of qz eyes (gyl, 2 mm, elongated, subll foltn), qz eye amount varies btw 5-10%, it is gritty called due to presence of qz eyes; alteration is domint si, perv, intense, chlor and ser altrn; ser altrn restricted to qz-ser veins, but mostly strings and qz hair fracs;
289.10	290.79	Kvl	0	Kvl; fresh lamprophyre as prev descrbd; with intens perv ser+clly(?) altrn at UC 289.1-289.15m, LC 290.59-290.79m, still very competent in altrd zones; part of the LC is lampr breccia w ser lampr frags, ang, 5-30 mm, in fg yellow qz-fspar-Fecarb matrix (photo 0847) w no vis minzn except irreg fracture cutting across w 1% diss py and aspy; UC is defined by qz-ser-asper sheet vn as prev descrbd, w alpha 55, beta 140; LC is identical, defin by 2 cm thick qtzite/musc qz schist brecciatd zone w 20% aggr py and aspy; all qz-ser sheet strngs have identicl ortn, no vis minzn, ser halo from 2-7mm, and loctd at 289.20-289.9 they are about 10 cm apart, 290.25-LC again they are 10 cm apart;
290.79	295.66	Xqp	0	eh; Xs; ser -musc schist, silicfd with qz-ser-asper and py planar strings and vns, with subintervals of chl-musc-andal schist at 293.8-293.9m and from 294 to EOH qz eye text in chlor-ser-musc-silicfd schist (qz eyes as prev descrbd); qz-ser-sulph vns, fracs present

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
5.95	19.60	FEO	0	logged by Lauren Blackburn
150.75	152.70	WM	0	logged by Karin Fecova; ser in fractures with ~3mm ser halo,
153.20	158.50	WM	0	ser altern either pervasive, or prefering foltn planes, forming thin bands ll foltn, along irregular fracs with a fw mm ser halo; overprinting chlorite altern
158.50	163.80	CL	0	domint chlorite alteration, but not vewry strong, some parts seem unaltered
163.80	164.40	WM	0	domint ser altern
164.40	166.00	CL	0	everything I logged before and assigned a domint chlor alteration is mostly for relatively unaltrd rock with chlorite as a product of greenschist metamorphic grade; it is not typical hydrothermal chlorite alteration
166.00	168.24	WM	0	domint ser altertn preferentially along foltn planes, ~up to 1 cm alteration haloes along qz-asper veins and hairline fractures with qz-py
168.24	169.40	CL	0	unaltered chlorite greenschist facies
169.40	175.90	WM	0	ser latertn prefers foliation planes, propagating from fractures and microfractures; fairly strong in densely fractd qtzite, still the strongest along fracs; qz-asper veins have also ser halo
175.90	185.33	CL	0	domint chlorite from greenschist facies metamorphis, minor sern, preferentially along foliatn, in thin bands and as altern halo along hairline fracs and qz-asper veins

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
185.33	188.78	WM	0	domint ser altern along foltn, pervasive in lith and as a halo along hairline fracs and occasional qz-aspy veins
188.78	192.84	CL	0	moder unaltered, moder chlorite alteration, hornfelsed and slightly skarned; alt 2 ser altertn is restricted to along foltn, in form of ~ 5mm bands, also muscovite in andalusite schist gives the rock sericitic appearance;
192.84	197.20	CL	0	moder altered core, chlor and ser/musc in bands subll foltn; slightly skarned (pinkish hue); lasts 50 cm unaltered, wh-gy mg qztite
197.20	201.60	WM	0	moder chloritized (hydrothermal altertn) as it is an interval with abundanr qz-chlor deformed veins; ser is perhaps due to muscovite in the andalusite schist, but also moder due to hydrothermal altertn
201.60	203.70	CL	0	chlor-musc-andal-qz schist w andal along foltn planes or randomly oriented inbetween; andalusite is br, ~20%, 1-3mm with creamy center and dk br rims; unt contains sheeted veins, vfol and chlorite hydrothermal altn is associated with these veins
203.70	205.72	CL	0	chlor-qz schist w pink hue;
205.72	208.00	CL	0	chlor-musc- and schist with pink hue (gt?), short subintervals overprinted by kyanite 5%, bladed, 4 mm long, light blue-whitish, randomly oriented; l; ser>chlor hydrotherm alteration is restricted to veins and their haloes
208.00	210.31	CL	0	chlor-musc-bio?-andal schist with pinkish hue (gt?); ser hyrotherm altn restricted to veins and fracs;
210.31	212.00	CL	0	chlor-musc-andal schist with pink hue (gt?);
212.00	214.51	CL	0	qz-musc schist in the first 50 cm and spotted qz-musc-ser after fspar schst (spots: act after px or hbl: lt green, up to 5 mm spots, subll aligned with foltn, ~45% of spots, sometime elongated, gen rounded); pinkish hue (gt?); 0.5 % po wis over the unit
214.51	225.25	CL	0	chlor-musc-andal-loc kyan schist;(1-2mm grains); pinkish hue (gt?), two 50 cm subintervals of ser-musc-qz schist with pinkish hue at 214.5-214.8m, 219.3-219.76m (spotted (chlor)as prev described), 221.4-221.5m (spotted), in general the qz-musc+/- spotted
225.25	232.90	CL	0	chlor-musc schist with spotted texture, pink hue, at some loctn occasional 2-3mm lt pink gt; with short subintervbals of chlor-musc-and/kyan schist at 227.9-228m, 228.85--229m, 229.8-230m; at 225.25-225.85m recxd and fg qz vfol; altertn is ser restricted
232.90	244.34	CL	0	domint musc-chlor-bio?-and +/- kya schist with short subintervals of qz-chl-musc schist at 233.7-233.8m, 234.7-237.5m (the subordinate schist grades into domint schist and the latter interval includes the transitional stage, at 239.5-240.1m, 243.84-245.34
244.34	245.60	CL	0	fault zone, broken, rubbly +~5 cm gouge in musc-qz-chlor schist; at 245m qz mfol with ser and chlor in fracs, no visible minerzn, wh, fg, 7cm thick;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
245.60	256.03	CL	0	chlor-musc-qz schist w pink hue; w short subintervals of musc-andal+/- kyan schist at 245.6-246m, 246.9-247.7m, 251.5-251.9m, 253.9-254.2m; spotted variety at 254.2-255m; qz mfol and vfol, ~3% cc frags over entire interval, present are sheet vns w ser ha
256.03	261.40	CL	0	first half is chlor-musc- schist, with short subintarval of chlor-ser-musc-andal or kyan? (4 mm long blades, blackish, randomly oriented, 10%) schist at 258.25-261.4m; the whole interval has abundant qz vfol, assoctd w chlor altern and also mfol +chlorzd
261.40	273.00	CL	0	domint chlor-musc-schist/phyl qtzite; with short subintervals of the same unit with bio(?) at 261.4-262.5, 268.22-273m; spotted texture at 265-266.1m; all units have pinkish hue; ser altern seems to dominate from 262.3-264.14m ; all the rest has domint ch
273.00	282.20	CL	0	ser-musc-qz schist with subintervals of chlor-ser - musc schist/"dk" fol qztite at 273-273.5m, with patchy chlorite appearance at 276-277.15m, 281.1-282.2m; alteration is ser dominant; in general up to 2% of aspy and py in the entire unit due to present p
282.20	289.10	CL	0	chlor-ser-musc qz schist with gradual increase of qz eyes (gyl, 2 mm, elongated, subll foltn), qz eye amount varies btw 5-10%, it is gritty called due to presence of qz eyes; alteration is domint si, perv, intense, chlor and ser altrn; ser altrn restricte
289.10	290.79	CL	0	fresh lamprophyre as prev descrbd; with intens perv ser+cly(?) altrn at UC 289.1-289.15m, LC 290.59-290.79m, still very competent in altrd zones; part of the LC is lampr breccia w ser lampr frags, ang, 5-30 mm, in fg yellow qz-fspar-Fecarb matrix (photo
290.79	295.66	CL	0	eoh; ser -musc schist, silicfd with qz-ser-aspy and py planar strings and vns, with subintervals of chl-musc-andal schist at 293.8-293.9m and from 294 to EOH qz eye text in chlor-ser-musc-silicfd schist (qz eyes as prev descrbd); qz-ser-sulph vns, frags p

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
27.40	31.28	PY	0	logged by Lauren Blackburn
88.65	108.85	AS	0	Also: PY, 1, DIS, REP, LITH; PO, 1, TR, DIS, OR, CRN; AND PY, 1, DIS, REP. CRN.
109.95	150.90	PY	0	Also: AS, TR, BL, REP, LITH; AND PY, 1, DIS, REP, VN.
150.90	152.40	ASPY	0	logged by Karin Fecova; min 1 in qz-fecarb stringer selvages
152.40	155.45	PY	0	min 2 in qz mas vein selvages; min 1 in microfractires and hairline frags in breccia
165.10	165.20	AS	0	min 1 in qz-felsp-ser vein selvage
165.80	168.24	PY	0	min 1 in ser'd hairline frags and stringers; min 2 in qz strings and sheeted veins with ser halo or without; min 3 is jamesonite blue metallic luster, 1-2 mm hairlike, blade like crystals in mass qz selvages and within qz vein

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
169.00	175.90	ASPY	0	min 1 is in qz and qz-Fecarb stringers; min 2 is in qz vein selvages; min 3 is in ser-qz hairline fracs
177.20	178.30	PO	0	min 1 is mfol qz-chlor veins; min 2 is in qz planar veins
178.60	179.60	AS	0	min1 along qz stringers, in their ser halo
180.00	182.50	AS	0	min 1 in qz sheeted stringers and veins and in their ser halo; min 2 in ser'd hairline fractures
182.90	184.10	PO	0	min 3 in qz vein, close to margin; min 4 in qz vein selvages
185.10	185.20	PY	0	min 1 in qz vein selvage
185.50	186.00	ASPY	0	min 1 in qz- fels vein selvage and in their chlor-ser halo and planar qz stringer set
188.00	188.78	JAM	0	min 1 in planar qz vein; min 2 in qz hairline, stringers and vein selvages
190.70	191.00	AS	0	set of 4 subll qz-ser stringers
191.20	191.30	ASPY	0	in sheeted qz vein with chlor and ser halo
192.20	192.80	PO	0	min 2 in qz deformed veins; min 3 in sheeted -50 deg TCA vein with ser halo
192.80	193.70	PO	0	min 3 in planar, 2 qz stringers and qz sheeted vein
193.80	194.50	PO	0	min2 in deformed mass veins; min 3 is in mfol selvages and two planar qz stringers
195.20	195.40	AS	0	in sheeted planar qz vein with chlor and ser halo
197.20	198.60	PO	0	min1 and min 2 in mfol
198.60	199.90	ASPY	0	min 1 is in sheeted qz-fspar veins, selvages and ser halo zone (can extend for few cm); min 2 in deformed vfol
200.50	201.60	PO	0	assoctd with chlor parts
201.60	202.45	PO	0	interval contains chlor-qz-po, mfol and vfol veins (30% of the unit) and they are continuously distributed over the interval, they are massive veins pul, fg, chlortzd hghost frags and 2% of po blebs assoctd with chlor, they contain 1% of 1-2 mm cxls of spy
202.46	202.47	AS	0	sheeted vein at 202.46m: it is qz, wgy, fg, planar with 3% aspy 1-2mm cxls diss along selvages, vein has 2 mm ser halo and is at 50-60 deg TCA;
202.70	202.71	ASPY	0	at 202.7m unit contains also mass vfol wgy, fg, vuggy with 2 cm in diameter vug filled with 1 mm cubes of pyrite on the surface f vug, margin of this vein contrains 1% of 1mm aspy and py;
204.65	204.66	ASPY	0	204.65 m biotite stringer with ser halo and 2% aspy and py within, w alpha 72, beta 156;
204.85	204.86	ASPY	0	at 204.85m, 205.05 and 205. 2m are sheetd qz wgy fg planar veins with ser halo and 3% of 1-2 mm diss aspy and py, sometimes as cxl aggregts; with alpha 62, beta 342,
205.05	205.06	ASPY	0	at 204.85m, 205.05 and 205. 2m are sheetd qz wgy fg planar veins with ser halo and 3% of 1-2 mm diss aspy and py, sometimes as cxl aggregts; with alpha 62, beta 342,
205.20	205.21	ASPY	0	at 204.85m, 205.05 and 205. 2m are sheetd qz wgy fg planar veins with ser halo and 3% of 1-2 mm diss aspy and py, sometimes as cxl aggregts; with alpha 62, beta 342,

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
205.65	205.72	AS	0	205.65-205.72m two more qz stringers, planar, fg with 2% aspy, 1mm cxls, at 40 deg TCA; alteration is sericitic, restricted to qz veins; 1% wispy po in lith and 1% bl po in pul, def, fg vfol selvages
206.52	206.53	AS	0	at 206.52m sheeted 6mm gyl qz- 20% wh 1-2mm tabular fspar domtn along margins with 5 mm ser selvages with 1-3 mm euh aspy diss in selvs and ser zone with alpha 52 and beta 351;
206.90	206.91	AS	0	at 206.9m another sheeted qz wgy fg vein with 1% 1 mm aspy in selvs, 2 mm ser halo;
207.30	207.31	ASPY	0	207.3m 6 mm gyl qz-wh fspar, mcg planar sheeted vein with 8% up to 3 mm cxls of aspy, smaller py, euh, aggregts, in vein center, selvages and in 2 cm chlor-ser halo from margins, with alpha 62 and beta 010;
207.50	207.51	AS	0	at 207.5m qz-ser stringer, planar with 2% 1mm aspy within and in selvs, with chlor margins;
207.55	207.56	ASPY	0	at 207.55m sheeted qz-fspar-aspy-py vein as previosly described with alpha 52, beta 351;
207.60	207.70	ASPY	0	minerlzn at 207.6-207.7m with ser-chlor planar hairline fracture with ser halo 3 cm away from fracture margins with diss 1 mm py and aspy cxls;
207.80	207.90	PO	0	207.8-207.9m mass vmfol, qz-chlor-po vein deform, bxd, chlortzd; 1% of wis po cxls over the interval; ser>chlor hydrotherm alteration is restricted to veins and their haloes
208.40	208.41	AS	0	at 208.4m qz planar, wh fg stringer with 2-3mm 50% aspy cxl within and in selvages, w alpha 47, beta 342;
209.00	209.01	AS	0	at 209m qz gyl, fg - fspar wh fg planar stringers with 1 cm ser halo with alpha 52, beta 351, w 30% aspy, 1-2mm cxls within, in selvs and halo;
209.05	209.06	AS	0	at 209.05m massive qz fg wgy vein with 5% white 3 mm tabulae fspar at margins, occas chlortzd frags, and ser 5 mm halo, w aspy 2% 1 mm diss in ser halo;
209.20	209.21	AS	0	at 209.2m sheeted qz-fspar vein as prev descrbed w 2 mm ser -chlor halo and 2% 2 mm aspy within and 1 mm in halo;
209.35	209.36	PY	0	at 209.35m ser planar frac with 1mm diss py and 2mm ser halo with alpha 30 and beta 027; 1% wis po over the unit;
209.55	209.56	AS	0	at 209.55m another sheeted qz-fspar veins as prev describd with 3mm ser halo, 30% aggr 3-5mm of aspy within and in slevs and halo; alpha and beta for last two sheeted veins coincides with the previous alpha 52 and beta 351;
210.41	210.42	ASPY	0	at 210.41m qz wh fg planar sheeted stringer with 2 cm chlor-ser halo with 5% 1-2mm aspy and py with alpha 47 and beta 045;
210.65	210.66	AS	0	at 210.65m planar sheetd qz wh fg vein with 2% 1-2 mm aspy in selvs, w alpha 47, beta 342, w 1 mm ser margin;
210.95	210.96	ASPY	0	at 210.95m 1 cm wgy fmg fractd perpend to margs, qz-5% fspar+Fecarb vein with 6 mm ser halo and 5% 1 mm diss aspy and py with alpha 72, beta 288;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
211.00	211.01	ASPY	0	at 211m planar ser frac w alpha 30 and beta 027, with ser 1 cm halo away from margins and diss ~3% 1 mm aspy and py with the halo;
211.80	211.90	PY	0	211.8-211.9m chlortzd zone with 5% diss fg py in microfracs; 1% wis po over unit
213.00	213.01	ASPY	0	at 213m ser zone with 1 mm diss ~2% aspy, py and po, zone subll foltn;
213.40	213.41	AS	0	213.4m ser-chlor zone ll foltn with 2% 1 mm diss aspy;
214.10	214.11	ASPO	0	214.1m again biot -chlor zone ll foltn with 2% 1 mm diss aspy and bl po; 0.5 % po wis over the unit
215.26	215.27	AS	0	at 215.26m 1 cm wide planar gyl qz-wh 2 mm tabul fspar, mg, sheeted vein with cc in fracs and 2% 1 mm diss aspy in selv, at 45 deg TCA;
215.61	215.62	AS	0	at 215.61m: 3 mm qz vein, wh, fg, with 2 mm ser halo, sheeted, offset? Or boudingaged? with 20% 2-3mm aggr aspy within and in vn selv, at 50 degTCA;
216.60	216.85	AS	0	216.6-216.85m 4 veins, ~2-6 cm apart, 1. ven upper end is qz-ser string, yell, fg 2m,m ser envelope, w 3% 2 mm diss aspy within and in vn selv; 2. vein is qz(wgy)-5% of Fecarb(yel)-fspar (wh) vein planar sheeted, crosscutting gyl/pul vfols, with 1 cm ser
217.50	218.30	PO	0	at 217.5-218.3m masive, bxd, deformed meta qz veins: qz-chlortzd host, 5% bleb po associated with chlor, cc in fracs, 1% 1 mm py and aspy in selv; at the lower end one sheeted qz-ser vein with ser 3 mm halo, w 2% 1-2 mm diss aspy in selv; from now on l
218.85	218.86	AS	0	at 218.85m qz sheet vn 2 cm thick, 2% 1 -2 mm diss aspy in selv, 2 mm ser halo, 60 deg TCA;
218.95	218.96	AS	0	at 218.95m qz sheet str, 2 mm thick, 3 mm ser halo, 10% 2 mm aspy within, 1 mm aspy diss in selv and halo;
220.40	220.41	AS	0	at 220.4 two qz sheet vns 5 mm thick, 4 mm ser halo, ~2% 1 mm diss aspy in selv and halo; cc fracs in veins w alpha 47 and beta 342;
221.00	222.10	PO	0	at 221-222.1 m multiple vfol with no visible minrlzn, but they are different as they are rxclzd and have aplitic appearance, some of them contain chlortzd host and 2% bleb po within
222.15	222.20	AS	0	at 222.15-222.2m two qz sheet vns of the same orientn as prevs, one 1 cm thick, mg 30% fspar, 5% tourmaline 2 mm needles within the vein, 15% 3-4mm aspy aggrts within and on selv w 2 mm ser halo; second is qz sheet stringer wih 2% 1 mm diss aspy in selv
222.20	223.10	PO	0	at 222.2-223.1m qz mfol and vfol (po+chlor)and qz recxlz\ vfol (no visibl min);
223.15	223.40	ASPY	0	223.15-223.4m qz mass sheetd wh fg vein no visibl sulph but 2 cm ser envelope at the LC and 2% 1 mm diss aspy and py within;
224.50	224.70	AS	0	at 224.5-224.7m two qz sheet vns ~10 cm appart, orientan as prev, upper vein 1 cm thick, qz-20% Fecarb+wh fspar, mg, w 3% 1 mm diss aspy in selv, w 1 cm ser halo; lower vn is qz-ser string 2 mm ser margin w 2% 1 mm aspy diss 3 cm away from string in the
225.00	225.25	PO	0	at 225-225.25m recxd qz vfol w chlor+2% bl po;altertn is ser restricted to veins and fracs and chlor restricted to vfol and mfol; otherwise fe-mg minerals altered to chlorite , fspar to ser

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
225.85	225.86	AS	0	at 225.85m qz sheet vn, 2.5cm thck, 1 cm ser at UC w 2% 1 mm diss aspy in selv with alpha 52 and beta 342;
226.45	227.60	PO	0	at 226.45-227m, 227.4-227.6m rcxld and fg qz vfol and mfol (2%bl po and chlortzd host)
227.90	229.00	PO	0	227.9-229m 1% wis po in lith; chlor-po-qz mfol at 228.6, 229, 229.5 and 229.7m
232.20	232.21	PY	0	231.5-232.2m qz brecctd zone with strong chlor and ser altern, w no visible minerzn except a planar,qz-ser stringer with cc in frac, at the L end, with 2%1 mm diss aspy in zone 2 cm away from marg;
234.10	234.70	AS	0	at 234.1-234.7m veined subinterval with three sheeted veins: from upper to lower end-1. 4mm thick, alpha 62, beta 064, 2%1 mm aspy diss 2 cm away from marg; 2. vein is 4 cm thick, the same orienn as prev, 3. vein 2 mm thick, both have 2 mm ser margin, 2%
235.00	235.50	PO	0	235-235.5m planar, pinching discont vein qz-10% 2 mm tabul fspar, 2% bl po, vein wavy, cc in frac, croscuttn g foltn, at 30 deg TCA;
235.90	236.30	PO	0	235.9-236.3m qz vfol and rcxld vfol+chlor+2% bl po, cc in frac;
239.15	239.16	AS	0	239.15m qz sheet string w 3 mm ser halo, cc in frac, 2% 1mm aspy diss 1 cm from marg;
240.10	240.11	PY	0	at 240.1m qz sheet vn, 1 cm thick, w cc frac, ser marigs and 1% 1 mm py diss along selvs, w alpha 62 and beta 000;
240.80	240.81	AS	0	240.8m 2 qz sheet vn, 2 cm apart, subll, 5mm thick; w 5 mm ser halo and 2% 1mm aspy in selvs w alpha 57 and beta 305;
241.70	241.71	AS	0	241.7m qz sheet strng w 5 mm ser halo, w 5% 2 mm bl aspy within and 1 mm aspy diss in ser zone;
246.50	248.90	PO	0	~80% qz mfol and vfol with chlor in frac, 2% bl po and cc in frac, w no visible minerzn at 246.5-248.9m;
249.94	249.95	AS	0	249.94m qz sheet vn with fading qz marg and weak ser halo, 1.2cm thick, 2 cm thick with faded margins w 2% 1 mm aspy diss in faded margins and ser halo;
250.50	251.00	AS	0	250.5-251m qz vfol and mfol and qz recxlzd vfol w chlor and 12% 1 mm aspy bl in chlortzd contacts w cc in frac;
251.00	251.20	AS	0	251-251.2m set of qz-ser hairline planar frac, 4 cm apart, with 2% 1 mm dis aspy in ser halos that are 3mm thick;
251.40	251.70	ASPY	0	251.4-251.7m another set of similar planar frac w 2% 1 mm diss aspy and py, at 50 deg TCA; 2% cc frac;
251.70	252.80	PO	0	251.7-252.8m qz vfol w chlor and 2% bl po;
254.00	254.20	AS	0	254-254.2m 2 sheeted veins 3 mm thick subll, 18 cm apart, with 1 mm chlor marg and 5% 1 mm aspy diss in adjacent zone , up to 3 cm away from marg, at 50 deg TCA;
255.50	256.03	PY	0	255.5-256.03m: brecciatd veind zone w qz mfol w chlor and ~2% 1 mm bl py in vugs; also 1 qz-fspar sheet vn, w chlor marg, 3 mm wide, cutting mfol, w aspy in contacts w chlor, at -50 deg TCA;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
256.93	256.94	PY	0	at 256.93m qz-Fecarb sheet vn, mg, vuggy, cwl, with 5% 2mm py cubes in vugs, at 10 deg TCA;
262.30	262.40	PY	0	262.3-262.4m qz-ser hair planar w 2 mm ser halo and 1% 1 mm diss py around in the halo, at 45 deg TCA;
266.10	266.60	AS	0	266.1-266.6m litho darkens due to abundant blackish-dk green fracturing (likely chlor, fg) and two veins: upper end qz-chlor vein, sheeted, gyl, fg, 45 deg TCA, no vis minerzn, with dark chlor margins, dark chlor in frac of the vein and away from margins
269.80	272.90	ASPY	0	qz-chl vfol an mfol at 269.8-270m, 270.2-270.4m, 271-271.4m, 272.8-272.9m with 2% of vfg py and aspy in vein fracs and selv;
273.00	273.40	ASPY	0	in general up to 2% of aspy and py in the entire unit due to present planar hairline fracs and qz strings with bl and fg grains of py and aspy within fracs and strings and in the adjacent zones;
273.40	273.41	PO	0	at 273.4m 3% of bl po in chlor-bio(?) string irregularly shaped;
273.45	273.70	AS	0	273.45-273.7m mass qz-chl vein with dk chlor margins and halo extending for 1 cm away from margins, wh, fg, w 2% aggr 2-3mm of aspy along hair fracs in vein;
274.80	276.70	ASPY	0	274.8-276.7m set of planar qz-ser string, 1-2 mm thick with 2% aspy and py, within and around as bl fg diss, the strings are at 45 deg TCA and cutting across foltn and qz mfol, they are ~10 cm apart;
276.70	276.85	AS	0	276.7-276.85m qz-chlor mfol with 1% 2mm bl/aggr aspy in fracs of the vein; Fe carb on frac surfaces in this unit, vfg, orl;
279.30	281.10	AS	0	279.3-281.1m 4 qz-asy strngs as prev described, ~30 cm apart, similar orientn as well;
281.20	281.70	AS	0	281.2-281.7m 5 planar qz-ser string as described, similar orientan, minerazn, ~10 cm apart;
281.70	282.20	ASPY	0	in general up to 2% of aspy and py in the entire unit due to present planar hairline fracs and qz strings with bl and fg grains of py and aspy within fracs and strings and in the adjacent zones;
283.26	283.36	AS	0	283.26-283.36m qz-ser-asy sheet veins as prev descrbd, at 45 deg TCA;
283.76	283.77	AS	0	283.76 m qz-ser-asy sheet vn as prev descrbd, w alpha 52 and beta 010;
284.85	284.86	AS	0	284.85m qz-ser-asy string as prev describ, w alpha 72 and beta 342;
286.00	286.20	AS	0	286-286.2m qz-ser aspy sheet vn, 3mm, as prev describ, at -50 deg TCA;
286.20	288.40	PO	0	286.2-289.1m strongly silicfd subninterval w qz lenses, blebs, fg gyl, fading margs w 2% of 2-4 mm bl po and 1% 1-2 mm bl py and aspy within;
288.40	288.60	AS	0	288.4-288.6m 2 qz-ser-asy sheet vns, 3 mm thick as prev describ, w alpha 52 an beta 156 (identical to sheet vn above 282.2m w 50 deg TCA);
288.60	289.10	PO	0	286.2-289.1m strongly silicfd subninterval w qz lenses, blebs, fg gyl, fading margs w 2% of 2-4 mm bl po and 1% 1-2 mm bl py and aspy within;
289.10	289.11	AS	0	UC is defined by qz-ser-asy sheet vn as prev descrbd, w alpha 55, beta 140;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
289.11	290.78	ASPY	0	fresh lamprophyre as prev descrbd; with intens perv ser+cly(?) altrn at UC 289.1-289.15m, LC 290.59-290.79m, still very competent in altrd zones; part of the LC is lampr breccia w ser lampr frags, ang, 5-30 mm, in fg yellow qz-fspar-Fecarb matrix (photo
290.79	290.80	ASPY	0	LC is identical, definid by 2 cm thick qtzite/musc qz schist brecciatd zone w 20% aggr py and aspy; all qz-ser sheet strngs have identicl ortn, no vis minzn, ser halo from 2-7mm, and loctd at 289.20-289.9 they are about 10 cm apart, 290.25-LC again they a
290.90	290.91	ASPY	0	290.9m qz-ser-asy and py vn 3 mm as prev descrbd, with alpha 47 and beta 162;
290.91	291.50	ASPY	0	290.9-291.5m set of subll qz-ser -asy and py strngs and vns as prev descrbd, at 45-50 deg TCA (the same as above 282.2m);
292.00	292.30	PY	0	292-292.3m 5% of irreg ser hair fracs with 4% fdiss py;
292.90	293.40	ASPY	0	292.9-293.4m set of 5 qz-ser aspy py sheet strings as prev descrbd w alpha 52 and beta 258 (identical to those w -50 deg TCA just after 282.2m);
294.70	294.71	AS	0	294.7m qz-ser-Fecarb-asy hair frac w 5% aggr aspy, at -50 deg TCA;
295.46	295.66	AS	0	295.46-295.66 two identical qz-ser-Fecarb hair with 2% diss aspy in ser zones as well, one at 50 deg the other at -50 deg TCA;

VEINS

mFrom	mTo	Vein1	Relog	Comments
5.95	24.38	QCL	0	logged by Lauren Blackburn
109.95	150.85	QI	0	Vein 6 = QAD, 3%, OWH, VFG, hair, ext.
150.85	150.95	QWS	0	logged by Karin Fecova; vein 1 is qz-ser veins with occasional py bleb along selvages (photo 0846), this vein is planar, with irregular margins and at 5-10 deg TCA
150.95	152.50	QCS	0	qz-Fecarb stringers contain commonly po, py and aspy, irregular orientation, some show sinistral offset
152.50	154.00	QS	0	occasional qz-py+/- aspy in vein selvages, veins are brecciated
154.90	155.45	QWS	0	brecciated massive veins with occasional aspy and py in vein selvages
155.45	163.80	WM	0	irregular ser fractures in qtzite
164.80	168.10	QCL	0	vein 1 has no halo, contains chlortzd frags of host rock, rare sulphides; vein 2 shows no sulph, and ~5 mm ser halo; vein 3 is massive or multiple veins within ser zone, a few cm thick and contain jamsonite (hairlike, bladed like, 1-2 mm bluish metallic luster in vein and vein selvages+ aspy in vein selvages; 5 sheeted veins, ~5-10 mm thick, planar with aspy in selvages and ser halo or without the halo, o0ne with tourmaline, black, 1 mm along the margins, at 60 deg TCA; veins asre spaced at 10-70 cm scale; vein 5 is qz-felsp-ser-asy vein, planar at 45 deg TCA

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
168.70	170.69	QWS	0	vein 1 are randomly oriented qz-ser hair fractures and stringers with diss py; some at 40-50 deg TCA; vein 2 are 6 qz-asy sheeted veins wits aspy in selvages, at 60 and -60 deg TCA, spaced at 10 cm scale with ser halo; vein 3 are
170.69	175.70	QCL	0	vein 1 are about 7 veins from 173-175.7, spaced at 10-30 cm scale, usually densely fractd with chloritzd host rock frags, no visible sulph; vein 2 are qz-ser hairline fracs and stringers at 60-70 deg TCA, with diss py and aspy; ein 3 are qz-Fecarb hairline fracs cutting across all veins, irregular shape, randomly oriented
177.20	178.10	QCS	0	vein 1 are deformewd mfol?, vfol veins with chlorite and occasional po blebs; vein 2 are planar, with ser-chlor alteration halo and occasional aspy crystals at up to few mm
178.30	181.30	QAS	0	vein 1 are ~ 20 qz-ser stringers and veins with aspy diss along in selvages and away from selvages, spaced at 10 cm scale, two orientations, one at 50 deg TCA and the other -50 deg TCA;
182.68	183.60	QCS	0	vein1 are deformd, discontinuous veins, approaching mass veins, some subll to foltn with po blebs and occasional py blebs along selvages; vein 2 is thick planar vein with rare jamsonite and fdiss pyrite in selvages, with ser-chlor halo
185.53	188.58	QFS	0	vein 1 are qz-white fspar planar vein with aspy and py along selvages and chlor-ser halo, at 45 deg TCA; vein 2 is a set of densely spaced (over 10 cm), 6 , 4mm thick veins with aspy in selvages; vein 3 is mfol qz-chlr vein with aspy and py in selvages and ser halo; vein 4 is planar vein with jamsonite within the vein
188.78	189.40	QCL	0	vein 1 are semimassive deformd veins, discont, brecciated, with chloritzd fragments and blebs of po within and in chlortzd selvages
189.60	189.70	QCL	0	vein 1 as previous; vein 2 is set of qz hairline fract with diss aspy along
190.90	192.84	QAS	0	vein 1 are planar qz-asy sheeted veins at 45-50 deg TCA and -50 deg TCA with chlor and then ser halo spreading 2 cm away from the vein margins; aspy concentratead in vein selvages; vein 2 are deformed, discontin qz veins with chlortzd host frags and blebs of po
192.84	193.20	QCL	0	vein 1 are deformed discont, semimassive veins; vein 2 is qz stringer with blebs of aspy and py filling the stringer from margin to margin, perhaps 50% aspy and py in this stringer at 60-70 deg TCA
193.50	193.60	QFS	0	planar sheeted vein with aspy and py in selvages wit ser halo, perhaps 0.5% jamsonite? (bluish 0.5 mm bits in vein selvages; vein at 80 deg TCA; flsparwhite 1-2 mm tabular crystals, mostly along vein selvages
193.70	194.20	QCS	0	massive fol subll veins with chlortzd host frags and blebs of po assoctd with chlor part and py in vugs, also occasional aspy diss along vein selvages; vein 2 are two planar qz-ser stringers with aspy in selvages, veins with narrow (1-2mm) ser envelopes
195.30	195.40	QFS	0	qz vein is sheeted, with 50% white tabular , 2 mm fspars and aspy crystals 2 mm prisms in the vein and in vein selvages

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
197.20	201.60	QCS	0	the entire interval is veined, mostly with massive and semimassive qz veins, these veins are associated with chloritization and weak to moderate sericitization, but vein 1 and 2: chlor over ser, they are deformed, brecciated with chlor and ser inclusions of host rock and common po blebs associated with chlor selvages, contacts with the host; vein 3 and 4 sheeted qz-fspar veins at 45-70 deg TCA, two veins at 198.7-199 are about 15 cm apart, two veins at 200.7-201.3 are about 45 cm apart; these veins have aspy and py in selvages and away in the ser halo
201.60	202.45	QCLS	0	interval contains chlor-qz-po, mfol and vfol veins (30% of the unit) and they are continuously distributed over the interval, they are massive veins pul, fg, chloritized Host frags and 2% of po blebs associated with chlor, they contain 1% of 1-2 mm cxls of spy and py in selvages; chlorite hydrothermal alteration is associated with these veins
202.46	202.47	QWS	0	unit contains sheeted vein at 202.46m: it is qz, wgy, fg, planar with 3% aspy 1-2mm cxls diss along selvages, vein has 2 mm ser halo and is at 50-60 deg TCA;
202.70	202.71	QS	0	at 202.7m unit contains also mass vfol wgy, fg, vuggy with 2 cm in diameter vug filled with 1 mm cubes of pyrite on the surface of vug, margin of this vein constrains 1% of 1mm aspy and py;
202.71	203.70	QCLS	0	interval contains chlor-qz-po, mfol and vfol veins (30% of the unit) and they are continuously distributed over the interval, they are massive veins pul, fg, chloritized Host frags and 2% of po blebs associated with chlor, they contain 1% of 1-2 mm cxls of spy and py in selvages; chlorite hydrothermal alteration is associated with these veins
204.00	204.22	WM	0	interval contains at 204.-204.22m two ser hairline fracs with alpha 24, beta 258
204.65	204.66	BIAS	0	204.65 m biotite stringer with ser halo and 2% aspy and py within, w alpha 72, beta 156
204.85	204.86	QWS	0	at 204.85m, 205.05 and 205. 2m are sheeted qz wgy fg planar veins with ser halo and 3% of 1-2 mm diss aspy and py, sometimes as cxl aggregates; with alpha 62, beta 342, 205.65-205.72m two more qz stringers, planar, fg with 2% aspy, 1mm cxls, at 40 deg TCA; alteration is sericitic, restricted to qz veins; 1% wispy po in lith and 1% bl po in pul, def, fg vfol selvages
205.05	205.06	QWS	0	at 204.85m, 205.05 and 205. 2m are sheeted qz wgy fg planar veins with ser halo and 3% of 1-2 mm diss aspy and py, sometimes as cxl aggregates; with alpha 62, beta 342, 205.65-205.72m two more qz stringers, planar, fg with 2% aspy, 1mm cxls, at 40 deg TCA; alteration is sericitic, restricted to qz veins; 1% wispy po in lith and 1% bl po in pul, def, fg vfol selvages
205.20	205.21	QWS	0	at 204.85m, 205.05 and 205. 2m are sheeted qz wgy fg planar veins with ser halo and 3% of 1-2 mm diss aspy and py, sometimes as cxl aggregates; with alpha 62, beta 342,
205.65	205.72	QAS	0	205.65-205.72m two more qz stringers, planar, fg with 2% aspy, 1mm cxls, at 40 deg TCA; alteration is sericitic, restricted to qz veins; 1% wispy po in lith and 1% bl po in pul, def, fg vfol selvages
206.52	206.53	QFS	0	at 206.52m sheeted 6mm gyl qz- 20% wh 1-2mm tabular fspar domtn along margins with 5 mm ser selvages with 1-3 mm euh aspy diss in selv and ser zone with alpha 52 and beta 351

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
206.90	206.91	QAS	0	at 206.9m another sheeted qz wgy fg vein with 1% 1 mm aspy in selvs, 2 mm ser halo
207.30	207.31	QFS	0	207.3m 6 mm gyl qz-wh fspar, mcg planar sheeted vein with 8% up to 3 mm cxls of aspy, smaller py, euh, aggregts, in vein center, selvages and in 2 cm chlor-ser halo from margins, with alpha 62 and beta 010
207.50	207.51	QWS	0	at 207.5m qz-ser stringer, planar with 2% 1mm aspy within and in selvs, with chlor margins
207.55	207.56	QFS	0	at 207.55m sheeted qz-fpsar-asy-py vein as previosly described with alpha 52, beta 351;
207.60	207.70	CLS	0	minerlzn at 207.6-207.7m with ser-chlor planar hairline fracture with ser halo 3 cm away from fracture margins with diss 1 mm py and aspy cxls
207.80	207.90	QCLS	0	207.8-207.9m mass vmfol, qz-chlor-po vein deform, bxd, chlortzd; 1% of wis po cxls over the interval; ser>chlor hydrotherm alteration is restricted to veins and their haloes
208.40	208.41	QAS	0	at 208.4m qz planar, wh fg stringer with 2-3mm 50% aspy cxl within and in selvages, w alpha 47, beta 342
208.60	208.61	CC	0	at 208.6m calcite planar stringer, no minerlzn, w alpha 19, beta 045
209.00	209.01	QFS	0	at 209m qz gyl, fg - fspar wh fg planar stringers with 1 cm ser halo with alpha 52, beta 351, w 30% aspy, 1-2mm cxls within, in selvs and halo
209.05	209.06	QFS	0	at 209.05m massive qz fg wgy vein with 5% white 3 mm tabulae fspar at margins, occas chlortzd frags, and ser 5 mm halo, w aspy 2% 1 mm diss in ser halo
209.20	209.21	QFS	0	at 209.2m sheeted qz-fspar vein as prev describd w 2 mm ser -chlor halo and 2% 2 mm aspy within and 1 mm in halo;
209.35	209.36	QWS	0	at 209.35m ser planar frac with 1mm diss py and 2mm ser halo with alpha 30 and beta 027;
209.55	209.56	QFS	0	at 209.55m another sheeted qz-fpsar veins as prev describd with 3mm ser halo, 30% aggr 3-5mm of aspy within and in slevs and halo; alpha and beta for last two sheeted veins coincides with the previous alpha 52 and beta 351
210.41	210.42	QWS	0	at 210.41m qz wh fg planar sheeted stringer with 2 cm chlor-ser halo with 5% 1-2mm aspy and py with alpha 47 and beta 045;
210.65	210.66	QS	0	at 210.65m planar sheetd qz wh fg vein with 2% 1-2 mm aspy in selvs, w alpha 47, beta 342, w 1 mm ser margin;
210.95	210.96	QCS	0	at 210.95m 1 cm wgy fmg fractd perpend to margs, qz-5% fspar+Fecarb vein with 6 mm ser halo and 5% 1 mm diss aspy and py with alpha 72, beta 288
211.00	211.01	QWS	0	At 211m planar ser frac w alpha 30 and beta 027, with ser 1 cm halo away from margins and diss ~3% 1 mm aspy and py with the halo
211.80	211.90	PY	0	211.8-211.9m chlortzd zone with 5% diss fg py in microfracs
211.95	212.00	QCL	0	211.95-212m mass folll vein qz wh fg with chlortzd frags, appears non minerlzd
213.00	213.24	ANK	0	at 213-213.3m two iron carb planar hairline fracs at 25 deg TCA

Project Gold Dome (Sheelite) - Yukon
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Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
213.25	213.26	QZ	0	213.25m folded, pul qz fg vn w fold axis subll foltn at 35 deg TCA;
215.26	215.27	QFS	0	at 215.26m 1 cm wide planar gyl qz-wh 2 mm tabul fspar, mg, sheeted vein with cc in frac and 2% 1 mm diss aspy in selvs, at 45 deg TCA
215.61	215.62	QAS	0	at 215.61m: 3 mm qz vein, wh, fg, with 2 mm ser halo, sheeted, offset? Or boudingaged? with 20% 2-3mm aggr aspy within and in vn selvs, at 50 degTCA;
216.40	216.60	QW	0	216.4-216.6mm two 3 cm wide qz, wgy, fg, planar sheeted, 5 mm ser margin, vuggy, no visible sulph, alpha 80, beta 322
216.60	216.85	QWS	0	216.6-216.85m 4 veins, ~2-6 cm apart, 1. vein at the upper end is qz-ser string, yell, fg 2m,m ser envelope, w 3% 2 mm diss aspy in vn and in vn selvs; 2. vein is qz(wgy)-5% of Fecarb(yel)-fspar (wh) vein planar sheet, crosscutting gyl/pul vfols, with 1 cm ser halo with 5% 2-3mm long aspy within and 1 mm diss in ser halo; alpha 52, beta 000; 3. vein is similar with everything as the 2. vn, difference is in 2 cm thick; 4. ven is qz string, planar sheetded, qz-Fecarb-ser, with ser halo of 2 mm, alpha 62, beta 110, no visible sulph
217.50	218.30	QCLS	0	at 217.5-218.3m masive, bxd, deformed meta qz veins: qz-chlortzd host, 5% bleb po associated with chlor, cc in frac, 1% 1 mm py and aspy in selvs; at the lower end one sheeted qz-ser vein with ser 3 mm halo, w 2% 1-2 mm diss aspy in selvs; from now on I will not repeat descriptions: commonly there are sheeted veins (here as prev described but I will specify thicknes, orientation and mineraliztn, altn halo qz sheet vn; metamorphosed, deformed veins are as previously described, I will only specify qz vfol or qz mfol;
218.85	218.86	QWS	0	at 218.85m qz sheet vn 2 cm thick, 2% 1 -2 mm diss aspy in selvs, 2 mm ser halo, 60 deg TCA
218.95	218.96	QWS	0	At 218.95m qz sheet str, 2 mm thick, 3 mm ser halo, 10% 2 mm aspy within, 1 mm aspy diss in selvs and halo;
220.40	220.41	QWS	0	at 220.4 two qz sheet vns 5 mm thick, 4 mm ser halo, ~2% 1 mm diss aapy in selvs and halo; cc frac in veins w alpha 47 and beta 342
221.00	222.10	QCLS	0	at 221-222.1 m multiple vfol with no visible minrlzn, but they are different as they are rxclzd and have aplitic appearance, some of them contain chlortzd host and 2% bleb po within
222.15	222.20	QFST	0	at 222.15-222.2m two qz sheet vns of the same orientn as prevs, one 1 cm thick, mg 30% fspar, 5% tourmaline 2 mm needles within the vein, 15% 3-4mm aspy aggrts within and on selvs w 2 mm ser halo; second is qz sheet stringer wih 2% 1 mm diss aspy in selvs;
222.20	223.10	QCLS	0	at 222.2-223.1m qz mfol and vfol (po+chlor)and qz recxlz\ vfol (no visibl min)
223.15	223.40	QS	0	223.15-223.4m qz mass sheetd wh fg vein no visibl sulph but 2 cm ser envelope at the LC and 2% 1 mm diss aspy and py within

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
224.50	224.70	QCS	0	at 224.5-224.7m two qz sheet vns ~10 cm appart, orientn as prev, upper vein 1 cm thick, qz-20% Fecarb+wh fspar, mg, w 3% 1 mm diss aspy in selv, w 1 cm ser halo; lower vn is qz-ser string 2 mm ser margin w 2% 1 mm aspy diss 3 cm away from string in the host;
225.00	225.25	QCLS	0	at 225-225.25m recxd qz vfol w chlor+2% bl po; altertn is ser restricted to veins and fracs and chlor restricted to vfol and mfol; otherwise fe-mg minerals altered to chlorite , fspar to ser
225.25	225.84	QZ	0	at 225.25-225.85m recxd and fg qz vfol
225.85	225.86	QAS	0	at 225.85m qz sheet vn, 2.5cm thck, 1 cm ser at UC w 2% 1 mm diss aspy in selv with alpha 52 and beta 342;
227.40	227.60	QCLS	0	227.4-227.6m rcxld and fg qz vfol and mfol (2%bl po and chlortzd host); altertn is ser restricted to veins and fracs anmd chlor restricted to vfol and mfol; otherwise fe-mg minerals altered to chlorite fspar to ser
228.60	228.61	QCLS	0	chlor-po-qz mfol at 228.6, 229, 229.5 and 229.7m
229.00	229.01	QCLS	0	chlor-po-qz mfol at 228.6, 229, 229.5 and 229.7m
229.50	229.51	QCLS	0	chlor-po-qz mfol at 228.6, 229, 229.5 and 229.7m
229.70	229.71	QCLS	0	chlor-po-qz mfol at 228.6, 229, 229.5 and 229.7m
231.20	231.50	QCLS	0	231.2-231.5m qz planar vein offset and pinching, gyl; fg, no visible min, assoctd w chlor with 2%bl po along margins, alpha 15, beta 230;
231.50	232.20	QWCL	0	231.5-232.2m qz brecctd zone with strong chlor and ser altern, w no visible minerzn except a planar,qz-ser stringer with cc in fracs, at the L end, with 2%1 mm diss aspy in zone 2 cm away from margs;
232.70	232.80	CC	0	232.7-232.8m set of three cc strings planar, no vis minzln, w 36 alpha and 333 beta;
234.10	234.70	QAS	0	at 234.1-234.7m veined subinterval with three sheeted veins: from upper to lower end-1. 4mm thick, alpha 62, beta 064, 2%1 mm aspy diss 2 cm away from margs; 2. vein is 4 cm thick, the same orietn as prev, 3. vein 2 mm thick, both have 2 mm ser margin, 2% 1 mm diss aspy in selv and 2 cm away from the lower contact; up to the end of veind subinterval qz mfol and vfol, chlortzd
235.00	235.50	QFS	0	235-235.5m planar, pinching discont vein qz-10% 2 mm tabul fspar, 2% bl po, vein wavy, cc in fracs, croscuttn g foltn, at 30 deg TCA; also qz vfol and mfol, clortz\,d, discont qz lewnses, blebs;
235.90	236.30	QCLS	0	235.9-236.3m qz vfol and rcxld vfol+chlor+2% bl po, cc in fracs;
236.60	236.61	QW	0	236.6m: qz-ser vn, filling fracture, cross cuttn g foltn, 3 mm wide, no vis minzn, alpha 36, beta 091;
237.60	238.00	QCLS	0	237.6-238m qz vfol and qz sheet vn w 2 cm ser halo,no vis mineralzn, NOTE: careful with structure measurments as the bottom does not fit with upper extrapolated bottom line although the core pieces fit together well, it is off ~50 beta deg; alpha and beta for sheeted vein are 36 and 342 retrospect;
238.75	238.76	QC	0	238.75m qz vfol w cc in fracs;
239.15	239.16	QCS	0	239.15m qz sheet string w 3 mm ser halo, cc in fracs, 2% 1mm aspy diss 1 cm from margs;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
239.50	240.09	ANK	0	239.5-240.2m irreg perst frac filled with Fecarb, orl, fg, no visib minerzn, zig-zag subl TCA;
240.10	240.11	QCS	0	at 240.1m qz sheet vn, 1 cm thick, w cc frac, ser marigs and 1% 1 mm py diss along selvs, w alpha 62 and beta 000
240.50	240.79	QCLS	0	240.5-240.8m qz vfol, lenses, blebs;
240.80	240.81	QWS	0	240.8m 2 qz sheet vn, 2 cm apart, subl, 5mm thick; w 5 mm ser halo and 2% 1mm aspy in selvs w alpha 57 and beta 305;
241.70	241.71	QWS	0	241.7m qz sheet strng w 5 mm ser halo, w 5% 2 mm bl aspy within and 1 mm aspy diss in ser zone;
241.71	242.30	QCLS	0	241.6-243.7m randomly distributed qz vfol, lenses and blebs, w no visible minerzn;
242.30	242.31	ANK	0	242.3m Fecarb planar frac, 1-2mm thick, no vis mineralzn, w alpha 36, beta 258; in overall cc fracs present (2%);
245.00	245.01	QCL	0	at 245m qz mfol with ser and chlor in fracs, no visible minerzn, wh, fg, 7cm thick;
246.50	248.90	QCLS	0	~80% qz mfol and vfol with chlor in fracs, 2~ bl po and cc in fracs, w no visible minerzn at 246.5-248.9m; ~3% cc fracs over entire interval;
249.94	249.95	QWS	0	249.94m qz sheet vn with fading qz margs and weak ser halo, 1.2cm thick, 2 cm thick with faded margins w 2% 1 mm aspy diss in faded margins and ser halo;
250.50	251.00	QCLS	0	250.5-251m qz vfol and mfol and qz rexlzd vfol w chlor and 12% 1 mm aspy bl in chlortzd contacts w cc in fracs;
251.00	251.20	QWS	0	251-251.2m set of qz-ser hairline planar fracs, 4 cm apart, with 2% 1 mm dis aspy in ser halos that are 3mm thick;
251.40	251.70	QWS	0	251.4-251.7m another set of similar planar fracs w 2% 1 mm diss aspy and py, at 50 deg TCA; 2% cc fracs;
251.70	252.08	QCLS	0	251.7-252.8m qz vfol w chlor and 2% bl po;
252.08	253.80	QCL	0	252.08-253.8m: 8 almost regular spaced (15 cm) qz sheet veins, all of them are at least 2 cm thick, w alpha 30 and beta 130, w chlor margins and chlor within, no visibl minrzn
254.00	254.20	QCLS	0	254-254.2m 2 sheeted veins 3 mm thick subl, 18 cm apart, with 1 mm chlor margs and 5% 1 mm aspy diss in adjacent zone , up to 3 cm away from margs, at 50 deg TCA
255.50	256.03	QCLS	0	255.5-256.03m: brecciatd veind zone w qz mfol w chlor and ~2% 1 mm bl py in vugs; also 1 qz-fspar sheet vn, w chlor margs, 3 mm wide, cutting mfol, w aspy in contacts w chlor, at -50 deg TCA;
256.03	256.33	QCLS	0	the whole interval has abundant qz vfol, assoctd w chlor altern and also mfol +chlorzd frags at 256.03-256.33m, 256.53-256.73m, 257.23-257.33m, 257.53-257.63m, 258.53-258.63m;
256.53	256.73	QCLS	0	the whole interval has abundant qz vfol, assoctd w chlor altern and also mfol +chlorzd frags at 256.03-256.33m, 256.53-256.73m, 257.23-257.33m, 257.53-257.63m, 258.53-258.63m;
256.93	256.94	QCS	0	at 256.93m qz-Fecarb sheet vn, mg, vuggy, cwl, with 5% 2mm py cubes in vugs, at 10 deg TCA;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
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Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
257.23	257.33	QCLS	0	the whole interval has abundant qz vfol, assoctd w chlor altern and also mfol +chlorzd frags at 256.03-256.33m, 256.53-256.73m, 257.23-257.33m, 257.53-257.63m, 258.53-258.63m;
257.53	257.63	QCLS	0	the whole interval has abundant qz vfol, assoctd w chlor altern and also mfol +chlorzd frags at 256.03-256.33m, 256.53-256.73m, 257.23-257.33m, 257.53-257.63m, 258.53-258.63m;
258.53	258.63	QCLS	0	the whole interval has abundant qz vfol, assoctd w chlor altern and also mfol +chlorzd frags at 256.03-256.33m, 256.53-256.73m, 257.23-257.33m, 257.53-257.63m, 258.53-258.63m;
261.40	261.80	QCLS	0	qz mfol and vfol (as prev describd) over 261.4-261.8m;
262.30	262.40	QWS	0	262.3-262.4m qz-ser hair planar w 2 mm ser halo and 1% 1 mm diss py around in the halo, at 45 deg TCA;
262.50	264.14	QCLS	0	262.5-264.14m qz vfol over the subinterval, qz mfol 35 cm thick with ser and chlor frags, no vis minrztn;
266.10	266.60	CL	0	266.1-266.6m litho darkens due to abundant blackish-dk green fracturing (likely chlor, fg) and two veins: upper end qz-chlor vein, sheeted, gyl, fg, 45 deg TCA, no vis minerzn, with dark chlor margins, dark chlor in frags of the vein and away from margins; lower end: massive sheet(?) or mfol(?) difficult to say, fg, wh, 24 cm thick with 30% 5mm aspy aggr assoct with sericite in vein; dark chlorite and vfol, isoclinally folded, dk chlor margins present over the interval from 266.1-268.22m w no visible minerzln;
269.80	270.00	QCLS	0	qz-chl vfol an mfol at 269.8-270m, 270.2-270.4m, 271-271.4m, 272.8-272.9m with 2% of vfg py and aspy in vein frags and selv;
270.20	270.40	QCLS	0	qz-chl vfol an mfol at 269.8-270m, 270.2-270.4m, 271-271.4m, 272.8-272.9m with 2% of vfg py and aspy in vein frags and selv;
271.00	271.40	QCLS	0	qz-chl vfol an mfol at 269.8-270m, 270.2-270.4m, 271-271.4m, 272.8-272.9m with 2% of vfg py and aspy in vein frags and selv;
272.80	272.90	QCLS	0	qz-chl vfol an mfol at 269.8-270m, 270.2-270.4m, 271-271.4m, 272.8-272.9m with 2% of vfg py and aspy in vein frags and selv;
273.00	273.44	SUL	0	in general up to 2% of aspy and py in the entire unit due to present planar hairline frags and qz strings with bl and fg grains of py and aspy within frags and strings and in the adjacent zones;
273.44	273.45	BIPO	0	at 273.4m 3% of bl po in chlor-bio(?) string irregularly shaped;
273.45	273.70	QCLS	0	273.45-273.7m mass qz-chl vein with dk chlor margins and halo extending for 1 cm away from margins, wh, fg, w 2% aggr 2-3mm of aspy along hair frags in vein;
274.80	276.70	QWS	0	274.8-276.7m set of planar qz-ser string, 1-2 mm thick with 2% aspy and py, within and around as bl fg diss, the strings are at 45 deg TCA and cutting across foltn and qz mfol, they are ~10 cm apart;
276.70	276.85	QCLS	0	276.7-276.85m qz-chlor mfol with 1% 2mm bl/aggr aspy in frags of the vein; Fe carb on frac surfaces in this unit, vfg, orl;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
279.30	280.30	QAS	0	279.3-281.1m 4 qz-asy py strngs as prev described, ~30 cm apart, similar orientn as well;
280.30	280.31	QZ	0	280.3m 3 cm qz sheet vn with faded ser margins w no vis minrn, at 45 deg TCA;
281.20	281.70	QWS	0	281.2-281.7m 5 planar qz-ser string as described, similar orientan and minerazn, ~10 cm apart;
281.70	282.20	SUL	0	in general up to 2% of aspy and py in the entire unit due to present planar hairline fracs and qz strings with bl and fg grains of py and aspy within fracs and strings and in the adjacent zones;
282.30	282.60	QZ	0	282.3-282.6m 3 qz sheet veins 2-5mm thichk, ~2-10 cm apart, as prev decsrbd, with -60 deg TCA wrt sheeted veins just above 282.2m
283.26	283.36	QWS	0	283.26-283.36m qz-ser-asy py sheet veins as prev descrbd, at 45 deg TCA;
283.46	283.47	QZ	0	at 283.46m qz sheet vn 5 mm thick, no visb minzn, faded margins, at -45 deg TCA,
283.76	283.77	QWS	0	283.76 m qz-ser-asy py sheet vn as prev descrbd, w alpha 52 and beta 010;
283.96	284.16	QZ	0	283.96-284.16m 3 qz planar vn along foltn w alpha 42, beta 130, no vis minzn, ~3 cm apart;
284.85	284.86	QWS	0	284.85m qz-ser-asy py string as prev descrb, w alpha 72 and beta 342;
286.00	286.20	QWS	0	286-286.2m qz-ser aspy sheet vn, 3mm, as prev descrb, at -50 deg TCA;
286.20	288.40	QS	0	286.2-289.1m strongly silicfd subninterval w qz lenses, blebs, fg gyl, fading margs w 2% of 2-4 mm bl po and 1% 1-2 mm bl py and aspy within;
288.40	288.60	QWS	0	288.4-288.6m 2 qz-ser-asy py sheet vns, 3 mm thick as prev describ, w alpha 52 an beta 156 (identical to sheet vn above 282.2m w 50 deg TCA);
289.10	289.11	QWS	0	UC is defined by qz-ser-asy py sheet vn as prev descrbd, w alpha 55, beta 140;
289.20	289.90	QW	0	ser sheet strngs have identicl ortn, no vis minzn, ser halo from 2-7mm, and loctd at 289.20-289.9 they are about 10 cm apart, 290.25m-LC again they are 10 cm apart; irreg fracture cutting across w 1% diss py and aspy
290.90	290.91	QWS	0	290.9m qz-ser-asy py and py vn 3 mm as prev descrbd, with alpha 47 and beta 162;
290.91	291.50	QWS	0	290.9-291.5m set of subll qz-ser -asy py strngs and vns as prev descrbd, at 45-50 deg TCA (the same as above 282.2m);
292.00	292.30	QWS	0	292-292.3m 5% of irreg ser hair fracs with 4% fdiss py
292.90	293.40	QWS	0	292.9-293.4m set of 5 qz-ser aspy py sheet strings as prev descrbd w alpha 52 and beta 258 (identical to those w -50 deg TCA just after 282.2m);
294.70	294.71	QCS	0	294.7m qz-ser-Fecarb-asy py hair frac w 5% aggr aspy, at -50 deg TCA;
295.46	295.66	QCS	0	295.46-295.66 two identical qz-ser-Fecarb hair with 2% diss aspy in ser zones as well, one at 50 deg the other at -50 deg TCA;

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
15.00	15.01	FOL	0	logged by Lauren Blackburn; Foliation RTCA.
25.15	25.16	FOL	0	Foliation RTCA.
39.35	39.36	FOL	0	Foliation RTCA.
41.80	41.81	FOL	0	Foliation steepens locally (fold?), RTCA.
46.80	46.81	FOL	0	Foliation RTCA.
47.00	47.01	FOL	0	Foliation RTCA.
50.00	50.01	FOL	0	Foliation steepens near contact (RTCA).
74.00	74.01	FOL	0	Foliation RTCA.
88.00	88.01	BED	0	lp beds are 005-010 RTCA.
90.50	90.51	FOL	0	Foliation RTCA.
92.80	92.81	FOL	0	Foliation RTCA.
95.00	95.01	BED	0	Xp(t) beds parallel core axis.
102.60	102.61	BED	0	Xp(t) beds parallel core axis.
104.60	104.61	FOL	0	Foliation RTCA.
105.40	105.41	BED	0	lp flows parallel core axis.
113.00	113.01	BED	0	lp flows near parallel to core axis.
114.80	114.81	FOL	0	Foliation RTCA.
142.00	142.01	BED	0	lp beds near // to core axis.
150.75	153.10	VN	0	logged by Karin Fecova; str 1 are hair fracs, qz-fecarb strngs at 5-85 deg TCA
153.10	153.11	VN	0	At 153.1m sheeted vein, qtz-calcite, 4% 1-2mm py+aspy, within vein and vein selvages finely diss 2cm from margins, alpha 66, beta 045, with 5mm sericitized margin.
154.90	163.80	FOL	0	str 2 are qz veins, either cutting at 85 deg TCA or -45 deg TCA
167.64	168.24	FOL	0	str 1 is foltn defined by andalusite strings; alpha and beta for str 1; str 2 is qz-aspy-tour planar vein with alpha 60 and beta 50
170.70	171.50	FOL	0	str 1 has alpha and beta; str 2 is qz-aspy planar vein with alpha 75 and beta 195
172.05	175.70	FOL	0	str 2 are qz-ser stringers at 50-60 deg TCA
176.90	177.10	VN	0	str 1 is ser hairline planar fracture set
177.20	177.30	VN	0	str 1 is qz planar vein with aspy and py in selvages and ser halo
178.70	179.40	VN	0	str 1 is set of qz-ser planar stringers with aspy in selvages; str 2 is the same as str 1 but with alpha 25 and beta 60; str 3 is fol with alpha 15 and beta 165
180.03	181.80	VN	0	str 1 is qz-aspy planar stringers and vein set with alpha and beta; str 2 is foltn with alpha 25 and beta 50
189.00	189.30	VN	0	a set of 4 qz-ser hairline fracs with diss aspy with alpha and beta

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
192.20	192.50	VN	0	str 1 is qz-asy planar vein with chlor and ser halo with alpha and beta; str 2 is foltn defined by andalusite stringers with alpha 30 and beta 340
193.20	193.40	VN	0	str 1 is two set qz-asy stringers with alpha and beta; str 2 is foltn with alpha 35 and beta 340
193.60	193.70	VN	0	str 1 is sheeted planar qz-asy vein with alpha and beta
194.10	194.30	VN	0	set of two planar qz-asy stringers
195.30	195.40	VN	0	qz=fspar-asy planar vein with chlor halo
198.30	199.10	FOL	0	str 1 is foltn with alpha and beta; str 2 are sheeted qz-asy veins with alpha 70 and beta 340;
202.46	202.47	VN	0	sheeted vein at 202.46m: it is qz, wgy, fg, planar with 3% aspy 1-2mm cxls diss along selvages, vein has 2 mm ser halo and is at 50-60 deg TCA;
204.00	204.22	FRA	0	at 204.-204.22m two ser hairline fracs with alpha 24, beta 258;
204.50	204.65	FOL	0	foliation 204.5-205m has alpha 15, beta 064;
204.65	204.66	STR	0	204.65 m biotite stringer with ser halo and 2% aspy and py within, w alpha 72, beta 156;
204.85	204.86	VN	0	at 204.85m, 205.05 and 205. 2m are sheetd qz wgy fg planar veins with ser halo and 3% of 1-2 mm diss aspy and py, sometimes as cxl aggregts; with alpha 62, beta 342,
205.05	205.06	VN	0	at 204.85m, 205.05 and 205. 2m are sheetd qz wgy fg planar veins with ser halo and 3% of 1-2 mm diss aspy and py, sometimes as cxl aggregts; with alpha 62, beta 342,
205.20	205.21	VN	0	at 204.85m, 205.05 and 205. 2m are sheetd qz wgy fg planar veins with ser halo and 3% of 1-2 mm diss aspy and py, sometimes as cxl aggregts; with alpha 62, beta 342,
205.65	205.72	STR	0	205.65-205.72m two more qz stringers, planar, fg with 2% aspy, 1mm cxls, at 40 deg TCA;
206.52	206.53	VN	0	at 206.52m sheeted 6mm gyl qz- 20% wh 1-2mm tabular fspar domtn along margins with 5 mm ser selvages with 1-3 mm euh aspy diss in selvs and ser zone with alpha 52 and beta 351;
206.80	206.81	FOL	0	206.8m foliation with alpha 52 and beta 138;
207.20	207.21	FOL	0	at 207.2m foltn has alpha 42, beta 130;
207.30	207.31	VN	0	207.3m 6 mm gyl qz-wh fspar, mcg planar sheeted vein with 8% up to 3 mm cxls of aspy, smaller py, euh, aggregts, in vein center, selvages and in 2 cm chlor-ser halo from margins, with alpha 62 and beta 010;
207.55	207.56	VN	0	at 207.55m sheeted qz-fpsar-asy-py vein as previosly described with alpha 52, beta 351;
208.40	208.41	STR	0	at 208.4m qz planar, wh fg stringer with 2-3mm 50% aspy cxl within and in selvages, w alpha 47, beta 342;
208.50	208.51	FOL	0	at 208.5m foliation alpha 15 and beta 120;
208.60	208.61	STR	0	at 208.6m calcite planar stringer, no minerlzn, w alpha 19, beta 045;
209.00	209.01	STR	0	at 209m qz gyl, fg - fspar wh fg planar stringers with 1 cm ser halo with alpha 52, beta 351, w 30% aspy, 1-2mm cxs within, in selvs and halo;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
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Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
209.05	209.06	VN	0	at 209.05m massive qz fg wgy vein with 5% white 3 mm tabulae fspar at margins, occas chlortzd frags, and ser 5 mm halo, w aspy 2% 1 mm diss in ser halo;
209.20	209.21	VN	0	at 209.2m sheeted qz-fspar vein as prev describd w 2 mm ser -chlor halo and 2% 2 mm aspy within and 1 mm in halo;
209.35	209.36	FRA	0	at 209.35m ser planar frac with 1mm diss py and 2mm ser halo with alpha 30 and beta 027;
209.55	209.56	VN	0	at 209.55m another sheeted qz-fspar veins as prev describd with 3mm ser halo, 30% aggr 3-5mm of aspy within and in slevs and halo; alpha and beta for last two sheeted veins coincides with the previous alpha 52 and beta 351;
210.00	210.31	FOL	0	210-210.31m foltn alpha 47, beta 130
210.41	210.42	STR	0	at 210.41m qz wh fg planar sheeted stringer with 2 cm chlor-ser halo with 5% 1-2mm aspy and py with alpha 47 and beta 045;
210.65	210.66	VN	0	at 210.65m planar sheetd qz wh fg vein with 2% 1-2 mm aspy in selvs, w alpha 47, beta 342, w 1 mm ser margin;
210.90	210.91	FOL	0	at 210.9m foltn w alpha 30 and beta 147;
210.95	210.96	VN	0	at 210.95m 1 cm wgy fmg fractd perpend to margs, qz-5% fspar+Fecarb vein with 6 mm ser halo and 5% 1 mm diss aspy and py with alpha 72, beta 288;
211.00	211.01	FRA	0	at 211m planar ser frac w alpha 30 and beta 027, with ser 1 cm halo away from margins and diss ~3% 1 mm aspy and py with the halo;
213.00	213.25	FRA	0	At 213-213.3m two iron carb planar hairline fracs at 25 deg TCA;
213.25	213.26	VN	0	213.25m folded, pul qz fg vn w fold axis subll foltn at 35 deg TCA;
215.26	215.27	VN	0	at 215.26m 1 cm wide planar gyl qz-wh 2 mm tabul fspar, mg, sheeted vein with cc in fracs and 2% 1 mm diss aspy in selvs, at 45 deg TCA;
215.61	215.62	VN	0	at 215.61m: 3 mm qz vein, wh, fg, with 2 mm ser halo, sheeted, offset? Or boudingaged? with 20% 2-3mm aggr aspy within and in vn selvs, at 50 degTCA;
216.40	216.60	VN	0	216.4-216.6mm two 3 cm wide qz, wgy, fg, planar sheeted, 5 mm ser margin, vuggy, no visible sulph, alpha 80, beta 322;
216.60	216.85	VN	0	216.6-216.85m 4 veins, ~2-6 cm apart, 1. ven upper end is qz-ser string, yell, fg 2m,m ser envelope, w 3% 2 mm diss aspy within and in vn selvs; 2. vein is qz(wgy)-5% of Fecarb(yel)-fspar (wh) vein planar sheeted, crosscutting gyl/pul vfols, with 1 cm ser
216.86	216.87	FOL	0	foltn in the vicinity has alpha 19 and beta 100;
218.85	218.86	VN	0	at 218.85m qz sheet vn 2 cm thick, 2% 1 -2 mm diss aspy in selvs, 2 mm ser halo, 60 deg TCA;
220.40	220.41	FRA	0	at 220.4m two qz sheet vns 5 mm thichk, 4 mm ser halo, ~2% 1 mm diss aapy in selvs and halo; cc fracs in veins w alpha 47 and beta 342;
220.41	220.42	FOL	0	foltn in vicinity is alpha 19 and beta 110;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
225.85	225.86	VN	0	at 225.85m qz sheet vn, 2.5cm thck, 1 cm ser at UC w 2% 1 mm diss aspy in selv with alpha 52 and beta 342;
225.86	225.87	FOL	0	foltn in the vicinity is alpha 19 and beta 110;
227.90	229.00	FOL	0	227.9-229m 1% wis po in lith; foltn in vicinity alpha 20, beta 120;
229.70	229.71	FOL	0	foltn in vicinity alpha 30, beta 110;
231.20	231.50	VN	0	231.2-231.5m qz planar vein offset and pinching, gyl; fg, no visible min, assoctd w chlor with 2%bl po along margins, alpha 15, beta 230;
232.70	232.80	STR	0	232.7-232.8m set of three cc strings planar, no vis minzln, w 36 alpha and 333 beta;
232.81	232.82	FOL	0	foltn in vicinity alpha 30, beta 269;
234.10	234.70	VN	0	at 234.1-234.7m veined subinterval with three sheeted veins: from upper to lower end-1. 4mm thick, alpha 62, beta 064, 2%1 mm aspy diss 2 cm away from margs; 2. vein is 4 cm thick, the same orietn as prev, 3. vein 2 mm thick, both have 2 mm ser margin, 2%
235.00	235.50	FRA	0	235-235.5m planar, pinching discount vein qz-10% 2 mm tabul fspar, 2% bl po, vein wavy, cc in frac, crossectn g foltn, at 30 deg TCA;
236.60	236.61	VN	0	236.6m: qz-ser vn, filling fracture, cross cuttn g foltn, 3 mm wide, no vis minzn, alpha 36, beta 091;
236.61	236.62	FOL	0	foltn in vicinity alpha 30, beta 288;
237.60	238.00	VN	0	237.6-238m qz vfol and qz sheet vn w 2 cm ser halo,no vis mineralzn, NOTE: careful with structure measurments as the bottom does not fit with upper extrapolated bottom line although the core pieces fit together well, it is off ~50 beta deg; alpha and beta
240.10	240.11	VN	0	240.1m qz sheet vn, 1 cm thick, w cc frac, ser marigs and 1% 1 mm py diss along selvs, w alpha 62 and beta 000;
240.20	240.21	FRA	0	240.2m irreg perst frac filled with Fecarb, orl, fg, no visib minerzn, zig-zag subll TCA;
240.80	240.81	VN	0	240.8m 2 qz sheet vn, 2 cm apart, subll, 5mm thick; w 5 mm ser halo and 2% 1mm aspy in selvs w alpha 57 and beta 305;
242.30	242.31	FRA	0	242.3m Fecarb planar frac, 1-2mm thick, no vis mineralzn, w alpha 36, beta 258; in overall cc frac present (2%);
251.40	251.70	FRA	0	251.4-251.7m another set of similar planar frac w 2% 1 mm diss aspy and py, at 50 deg TCA; 2% cc frac;
252.08	253.80	VN	0	252.08-253.8m: 8 almost regular spaced (15 cm) qz sheet veins, all of them are at least 2 cm thick, w alpha 30 and beta 130, w chlor margins and chlor within, no visibl minrzln;
253.81	253.82	FOL	0	foltn in vicinity w alpha 30 and beta 162;
254.00	254.20	VN	0	254-254.2m 2 sheeted veins 3 mm thick subll, 18 cm apart, with 1 mm chlor margs and 5% 1 mm aspy diss in adjacent zone , up to 3 cm away from margs, at 50 deg TCA;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-028
Length (m) 295.66
Log Date 25/09/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
255.50	256.03	VN	0	255.5-256.03m: brecciatd veind zone w qz mfol w chlor and ~2% 1 mm bl py in vugs; also 1 qz-fspar sheet vn, w chlor margs, 3 mm wide, cutting mfol, w aspy in contacts w chlor, at -50 deg TCA;
256.93	256.94	VN	0	256.93m qz-Fecarb sheet vn, mg, vuggy, cwl, with 5% 2mm py cubes in vugs, at 10 deg TCA;
262.30	262.40	FRA	0	262.3-262.4m qz-ser hair planar w 2 mm ser halo and 1% 1 mm diss py around in the halo, at 45 deg TCA;
266.10	266.60	VN	0	266.1-266.6m litho darkens due to abundant blackish-dk green fracturing (likely chlor, fg) and two veins: upper end qz-chlor vein, sheeted, gyl, fg, 45 deg TCA, no vis minerzn, with dark chlor margins, dark chlor in frac of the vein and away from margin
274.80	276.70	STR	0	274.8-276.7m set of planar qz-ser string, 1-2 mm thick with 2% aspy and py, within and around as bl fg diss, the strings are at 45 deg TCA and cutting across foltn and qz mfol, they are ~10 cm apart;
280.30	280.31	VN	0	280.3m 3 cm qz sheet vn with faded ser margins w no vis minrzn, at 45 deg TCA;
282.30	282.60	VN	0	282.3-282.6m 3 qz sheet veins 2-5mm thichk, ~2-10 cm apart, as prev decsrbd, with -60 deg TCA wrt sheeted veins just above 282.2m;
283.26	283.36	VN	0	283.26-283.36m qz-ser-asy sheet veins as prev descrbd, at 45 deg TCA;
283.46	283.47	VN	0	at 283.46m qz sheet vn 5 mm thick, no visb minzn, faded margins, at -45 deg TCA,;
283.76	283.77	VN	0	283.76 m qz-ser-asy sheet vn as prev descrbd, w alpha 52 and beta 010;
283.96	284.16	VN	0	283.96-284.16m 3 qz planar vn along foltn w alpha 42, beta 130, no vis minzn, ~3 cm apart;
284.84	284.85	STR	0	284.85m qz-ser-asy string as prev descrb, w alpha 72 and beta 342;
286.00	286.20	VN	0	286-286.2m qz-ser aspy sheet vn, 3mm, as prev descrb, at -50 deg TCA
288.40	288.60	VN	0	288.4-288.6m 2 qz-ser-asy sheet vns, 3 mm thick as prev describ, w alpha 52 an beta 156 (identical to sheet vn above 282.2m w 50 deg TCA);
289.10	289.11	VN	0	UC is defined by qz-ser-asy sheet vn as prev descrbd, w alpha 55, beta 140;
290.90	290.91	VN	0	290.9m qz-ser-asy and py vn 3 mm as prev descrbd, with alpha 47 and beta 162;
290.91	291.50	STR	0	290.9-291.5m set of subll qz-ser -asy and py strngs and vns as prev descrbd, at 45-50 deg TCA (the same as above 282.2m);
292.90	293.40	STR	0	292.9-293.4m set of 5 qz-ser aspy py sheet strings as prev descrbd w alpha 52 and beta 258 (identical to those w -50 deg TCA just after 282.2m);
294.70	294.71	FRA	0	294.7m qz-ser-Fecarb-asy hair frac w 5% aggr aspy, at -50 deg TCA;
295.46	295.66	FRA	0	295.46-295.66 two identical qz-ser-Fecarb hair with 2% diss aspy in ser zones as well, one at 50 deg the other at -50 deg TCA;

Project Gold Dome (Sheelite) - Yukon

Area Harvey

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-029

Length (m) 268.22

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 12/08/2010

Date Finished 18/08/2010

Other Hole name AUD-026-Harv

Cassing Pulled Yes

Cassing (m) 6.1

Data Origin GOD_20110203_DataLoggerExport.xls / KFcova

Data Date 04/02/2011

Data BY ACald

Logger Karin Fecova

Target

Log Date 09/10/2010

Hole Comments survey tools: GPS and compass

Collar survey Date

Survey By Karin Fecova

Method Handheld GPS

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,470.44	7,072,612.50	1,505.00	180.00	-60.00
Preferred	UTM83-8	439,470.44	7,072,612.50	1,505.00	180.00	
Local	LOCL_AuDom	6,422.61	7,171.52	1,505.00	225.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks
EZ Shot	30.00	-60.40	182.25		182.25	159.00	5,767.00	correction factor=magnetic declination used 23 deg 25 min; time: 10:00pm; pulled back: 6m; surveyed by Denis Basque; roll(toolface) rel to dip:254.8; temperature: 9.7 deg of Celsius
EZ Shot	131.00	-59.20	189.85		189.85	166.60	5,774.00	correction factor=magnetic declination used 23 deg 25 min; time: 9:15pm; pulled back: 6m; surveyed by Denis Basque; roll(toolface) rel to dip:212.5; temperature: 9 deg of Celsius

EZ Shot	268.00	-57.90	196.75		196.75	173.50	5,766.00	correction factor=magnetic declination used 23 deg 25 min; time: 8:30 pm; pulled back: 6m; surveyed by Denis Basque; roll(toolface) rel to dip:246.3; temperature: 9.8 deg of Celsius

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10145292	23/10/2010	56.75	58.51	0
ALS	QC-OK	TR10150835	30/10/2010	127.20	191.30	0
ALS	QC-OK	TR10153020	30/10/2010	191.30	259.08	0
ALS	QC-OK	TR10153021	31/10/2010	259.08	268.22	0
ALS	QC-OK	WH10150445	28/10/2010	60.80	127.20	0
ALS	QC-OK	WH10150447	28/10/2010	0.00	60.80	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I039537	27.90	29.90	2-FDU	0	0.04	2.28	WH10150447
J951026	107.30	109.73	2-FDU	0	0.10	3.68	WH10150445
J951111	168.60	170.69	2-FDU	0	0.41	2.71	TR10150835
J951149	239.55	240.55	2-FDU	0	0.04	1.23	TR10153020
J951008			Blk	0	0.00	0.44	WH10150445
J951045			Blk	0	0.00	0.63	TR10150835
J951128			Blk	0	0.00	0.43	TR10153020
J951016			SRM_OR-15h	0	1.01	0.12	WH10150445
J951137			SRM_OR-15h	0	0.96	0.09	TR10153020
J951102			SRM_OR-16b	0	2.23	0.10	TR10150835

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
32	93	171	86	0	165	210	0	0

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

Assays					Litho			Alteration				Mineralization												
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite			
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur		
8.25	I039529	0.029	0.1	329		CAS			No Data				No Data											
		6.10			6.10																			
	7.10	Xqp			7.10		FEO	6	PAT		7.10													
	8.25	Xq			8.25		HM	4	PER		8.25													
13.00	I039530	0.072	0.1	459		Xq			HM			6	PER		No Data									
	13.00				13.00																			
15.20	I039531	0.132	0.1	254									No Data											
	15.20																							
17.50	I039532	0.041	0.1	659					HM			6	PER		No Data									
						Xq	Xqp																	

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
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Length (m) 268.22
Log Date 09/10/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
	I039533	0.161	0.1	661									No Data						
19.70												18.60							
	I039534	0.4	0.2	402									No Data						
24.40												24.40							
	I039535	0.026	0.1	397									No Data						
27.90												24.70							
	I039536	0.037	0.1	390		Xq	Xqp		FEO	6	PER		No Data						
29.90												28.40							
	I039538	0.023	0.1	254									No Data						
31.60																			
	I039539	0.048	0.1	463								32.74							
33.60												33.20	No Data						
	I039540	0.036	0.1	305									No Data						
35.70												33.84							

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur		
	I039541	0.063	0.1	279	37.70	Xqp	Xq								0.5	VFOL								
															38.40									
	I039542	0.041	0.1	258																				
					39.57			39.57				38.72	No Data											
	I039543	0.148	0.1	339	41.57	Xqp		40.60	SI	6	PER				0.5	VS								
														41.00										
	I039544	0.027	0.1	327				42.00	No Data															
					42.80			42.80	FEO	6	PER	42.80			0.5	VS								
									FEO	6	PER													
	I039545	0.11	0.1	314	47.40	Xq																		
					47.90			47.65																
								47.90	FEO	6	PER													
								48.20	FEO	5	PER													
	I039546	0.035	0.1	86				48.50	CL	4	PER													
								49.27	FEO	6	PER													
								49.87	CL	4	PER													
												50.50												
	I039547	0.051	0.1	300				51.10	FEO	6	PER	50.80	1.5	FRA										
								51.50	CL	4	PER													
								51.50	FEO	6	PER													
								51.50	CL	4	PER													
								52.00	FEO	6	PER													
									CL	4	PER													
								53.10							No Data									

Hole name	GDDH-10-029
Length (m)	268.22
Log Date	09/10/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Litho Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
	J951005	0.054	0.2	917	71.65	Xqp		73.60	CL	4	PER	No Data							
	J951006	0.297	0.2	3860								72.30							
	J951007	0.125	0.4	887								73.30							
					73.60			73.60				No Data							
	J951009	0.005	0.1	71	75.15	Xq		75.15	CL	4	PER	74.10							
	J951014	0.087	0.1	1200								No Data							
	J951015	0.0025	0.1	64								3.5 VS							
	J951010	0.054	0.1	502								No Data							
	J951011	0.074	0.1	1370								No Data							
	J951012	0.032	0.1	746								No Data							

Golden Predator
Program 2010
Logger Karin Fecova

Length (m)	268.22

Log Date 09/10/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
88.00	J951013	0.0025	0.1	148	Xq			88.00				88.00				1.5	FRA						
91.44	J951017	1.115	0.7	2000											No Data								
93.84	J951018	0.015	0.1	63											92.90								
															93.20	1.5	VS						
															93.40	No Data							
95.90	J951019	0.185	0.8	1545								CL	4	PER	No Data								
															95.15								
98.30	J951020	0.023	0.1	440											No Data								
												97.30											
100.58	J951021	0.131	0.5	1225								No Data											
												98.50											
102.50	J951022	0.319	2.6	3990	101.50			101.50				No Data											
												101.60											
												101.90	7.5	FRA									
												102.00	No Data										

Golden Predator
Program 2010
Logger Karin Fecova

Log Date 09/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
121.00	J951032	0.305	0.5	1800	Xq	Xqp		No Data				No Data										
							120.20	120.30														
123.00	J951033	0.292	0.1	415				No Data				No Data										
							122.60															
124.30	J951034	0.112	0.9	1210			123.70					123.30	No Data									
							124.00	WM	6	PER	No Data											
							124.30	WM	6	PER												
125.30	J951035	0.029	0.1	86				No Data				No Data										
							125.30	125.30														
127.20	J951036	0.109	0.2	1325								3.5 VN2										
							127.19	127.19														
129.30	J951037	0.147	0.7	1290			128.17	SI	4	PER	128.30											
							128.70	WM	7	PER												
							129.80	CL	4	PER	129.30											
							129.50	No Data														
131.30	J951038	0.133	1.3	1300			130.30	WM	8	PER	130.40	No Data										
							130.80	No Data				No Data										
132.30	J951039	0.046	0.3	666								131.50										
												132.00	1.5 VS									
												132.30	No Data									
										132.80	1.5 VS											
134.61	J951040	0.216	0.4	515		No Data				No Data												
					134.60	134.61																
136.26	J951041	0.182	1.1	874		WM 10 PER				1.5 FRA												
					136.26	136.26																

Hole name	GDDH-10-029
Length (m)	268.22
Log Date	09/10/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur			
	J951042	0.249	0.2	1155	138.80	Xqp			CL	4	PER		No Data												
	J951043	0.291	0.1	1400											136.70										
																No Data									
	J951044	0.094	0.2	762	140.25		140.91	140.91					139.70												
													140.50	No Data											
	J951046	0.141	0.2	514	143.00				CL	4	PER		No Data												
															142.30										
	J951047	0.042	0.3	176												No Data									
	J951048	0.095	0.4	285	144.75			144.75					143.80												
								145.60	CL	4	PER		No Data												
	J951049	0.262	0.3	464	147.45			No Data					146.20												
																No Data									
																147.60									
	J951100	0.029	0.3	69	149.65			148.90					No Data												
								149.35	CL	4	PER														
								No Data								150.90									
								151.90					No Data												
								152.20	CL	4	PER														
								152.40	No Data																

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur								
	J951101	0.006	0.1	95	154.65				CL	4	PER		No Data												
	J951103	0.085	0.3	1155											155.50										
	J951104	0.071	0.4	308																					
	J951105	0.015	0.2	161																					
	J951106	0.059	0.2	574																					
	J951107	0.135	1.6	794	163.70				WM	4	PER														
	J951108	0.625	0.1	1150	Xqp																				
	J951109	0.715	0.2	30																					
	J951110	0.33	0.3	444	169.59			169.59																	

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

Assays					Litho			Alteration				Mineralization																		
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur								
170.69						Xqp	Xqp		CL	4	PER	170.59	No Data																	
								171.10				171.10	No Data																	
	J951112	0.126	0.3	647				171.70	SI	5	PER	171.70		7.5	VS															
172.40															171.75	No Data														
	J951113	0.19	0.2	720												No Data														
175.10															172.70															
	J951114	0.198	1	1950											175.50			3.5	VS											
176.25															No Data															
	J951115	0.162	0.1	679											177.50															
178.40												No Data																		
	J951116	0.045	0.1	171								178.70																		
179.50												179.30			0.5	VS														
	J951117	0.057	0.1	197								179.90	No Data																	
181.70																														
	J951118	0.195	0.5	1150															182.40											
183.20					183.20																									
	J951119	0.171	0.1	1025	184.60			WM	4	PER	No Data																			
184.60				Xq	185.23	WM	4	PER																						
	J951120	0.108	0.1		710	185.53	SI	4	PER																					
						186.20	WM	4	PER																					
						186.60	SI	4	PER																					
187.10						187.10	WM	4	PER																					
						187.40	SI	4	PER	187.40	No Data																			
												187.40			3.5	VS														

Project Gold Dome (Sheelite) - Yukon
Area Harvey

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Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
J951121	0.22	0.6	1325	Xqp	192.70			192.70	CL	4	PER	No Data									
188.98												188.30									
J951122	0.17	0.3	4620									No Data									
191.30												189.10									
J951123	0.051	0.1	238									No Data									
193.47												191.60									
J951124	0.083	0.2	902									No Data									
195.60												193.50									
J951125	0.116	0.6	804						CL	4	PER	No Data									
197.90												196.19									
J951126	0.083	0.2	1175									No Data									
200.00												198.45									
J951127	0.077	0.3	821									No Data									
202.30												200.30									
J951129	0.077	0.5	576									No Data									
204.30												202.50									

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur			
						Xqp	Xqp														
	J951130	0.022	0.1	274									No Data								
207.26													204.55								
								207.80					No Data								
	J951131	0.057	0.2	531				208.80	WM	4	PER		208.25	No Data							
													208.60	No Data							
209.75													No Data								
													209.40								
	J951132	0.031	0.1	304					CL	4	PER		No Data								
212.30								212.30					210.15								
213.16	J951133	0.012	0.1	542				213.16	WM	4	PER		213.16	1.5	VS						
	J951134	0.0025	0.1	16					CL	4	PER		No Data								
215.10								215.50					215.70								
	J951135	0.05	0.2	890				216.20	WM	4	PER		No Data								
								216.61	CL	4	PER		216.80								
								216.91	WM	4	PER			VS							
217.50					217.50			217.50	CL	4	PER		217.50	No Data							
218.42	J951136	0.022	0.1	318	218.42	VNq							218.40								
	J951138	0.037	0.1	896					SI	5	PER		219.46	1.5	VS	35	VS				
													No Data								
220.42								220.50					219.70								

Hole name	GDDH-10-029
Length (m)	268.22
Log Date	09/10/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
222.50	J951139	0.01	0.1	150	Xqp				CL	4	PER	222.45	No Data									
224.75	J951140	0.028	0.1	718								223.10	No Data									
226.70	J951141	0.028	0.1	116								225.00	No Data									
228.60	J951142	0.032	0.1	425	Xq			228.50	WM	4	PER	227.90	No Data									
231.20	J951143	0.082	5.6	475								228.50	No Data									
												228.90	SI	5	PER	228.95	1.5	VS				
233.50	J951144	0.0025	0.1	80	230.10			230.10	WM	4	PER	229.00	No Data									
235.45	J951145	0.059	0.4	309																		
237.64	J951146	0.007	0.1	147																		

Golden Predator
Program 2010
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Length (m)	268.22

Log Date 09/10/2010

[illegible]

Golden Predator
Program 2010
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[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
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Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	6.10	CAS	0	Casing
6.10	7.10	Xqp	0	Xs; compet chlo-bio schist, str oxid on fracs
7.10	8.25	Xq	0	Xs;partly oxid musc schist with two bxd, qz meta zones moder-strn oxd, with vugs; 2% po along foltn planes
8.25	13.00	Xq	0	Xs;strn oxid, broken rubble of musc schist
13.00	21.34	Xq	0	Xs;alternating strong oxid musc schist w intervals of "unoxid" chlor-bio-musc schist at 13.3-13.7m, 14-14.4m, 14.7-16.3m (+andal), 17-17.2m, 18-18.7m: this whole interval has fairly evident pink colour, alternt with strong green (dio(act)-gt?); oxid subintervals have ~5% oxd planar fracs, randomly orientd, hairline-stringer thick, fg oxid sulp in them; qz vfol,mfol and a few sheet vns have Feox along fracs and selvs;; all these vns are fmg, wh-orange, unless specfd;
21.34	35.73	Xq	0	Xs;domint intensely oxid ser-musc schist/schistose qtzite; 21.34-27.4m intens broken; the rest fairly competent; unalterd, ser-chlor schist at 30-30.3m;
35.73	39.57	Xqp	0	Xs;domint, weak to moder oxid chlor-bio-andal schist w subinterval of oxid ser domint schist at 38.4-39.57m; both lithos have cren cleav and 3% of oxid hairline planar fracs random oriented; chlor schist has about 10% qz vfol with oxid sulph in fracs, selvs;
39.57	42.80	Xqp	0	Xs;silicd wkly oxd chlor-bio-gt?-musc schist w crenultn and local 1% 1-2 mm qz wh round eyes; silicf strong at 39.57-40.6m; musc strongly oxd schist at 42-42.8m (this subunit seems to have fainted 2% 1-2mm gy qz eye texture and 1% 1-2 mm diss aspy along fracs, foltn surfs and in qz vfol blebs selvs;
42.80	47.90	Xq	0	Xs;broken, rubbly core of ser-musc schist, strng oxid with fault gg+breccia at 42.8-42.9m and 47.65-47.85m: 2-4mm host frags in ser-oxd fg mx;
47.90	58.40	Xq	0	Xs;oxd musc-ser musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53.1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven fracs, selvs at 54.16-54.36m; foltn at 49.9m is 40 deg TCA; 50.5-50.8m 2% of 1-2mm py diss along and withn set of 7 oxd fracs, 2 mm wide, at 70 deg TCA; 50% qz vfol and mfol also at 52.6-53.1m; 58.11-58.58.4m qz vfol, discount as prev descrbd; 55.6m 19 cm thick sheet vn, ye-wh, 15% up to 1 cm aspy clustrs, fg, w alpha 70 and beta 235; 56.8m qz sheet vn fg ye-wh, 2mm, w 10% 4mm aspy in vn, w alpha 53 and beta 187; 57.16m qz string 1 mm thick, wh, fg, fad margs, 3 mm ser margs and 2% 2 mm apy in vn and selv, w alpha 66 and beta 297;
58.40	67.06	Xqp	0	Xs;chlor-bio-gt?-musc-ser+/- andal schist w ser-musc schist at 58.5-59.05m and 65.3-67.06m ;
67.06	73.60	Xqp	0	Xs;chlor-bio schist intens deformd, folded and crenulated, very dk unit (graphitic) and distinctive by amount of deformtn and up to 7% wis po in foltn, cren planes;
73.60	75.15	Xq	0	Xs;chlor-ser schist;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
75.15	76.90	Kvl	0	Kvl; lamprophyre as prev descrb, but this one seems to be coarser by 1 mm; bio and fspar up to 4 mm phenocrysts and the groundmass at least 1mm in grain size;
76.90	101.50	Xq	0	Xs;chlor-ser-musc schist with chlor domint subintervals at 76-77m, 80-82m, 91.5-92.9m, and strong broken interval at 88-91.5m (strngly serdz and partly oxidzd) and 93.55-93.75m; the unit is talcose along fracs and w abundant qz meta vn and rare sheetd vns; qz vfol and mfol are as descdbd, fg gyl-wh, chlor+2% ble po w chlor and 1-2% 1-2 mm aspy in selvs, espc in serd subunits at 78.6-78.8m, 82.2-82.6m,, but in general the whole unit is sertzd and serd subunits prev mentiond are contrasting as they are within a chlor domint subinterval;
101.50	106.40	Xq	0	Xs; ser-musc-chlor schist w meta qz subintervals at 102-102.2m (fg, wh-gyl mfol with random orientd hairline fracs filled with dk, blackish material (chlor?), w chlor 2 mm host frags and 10% sulph (boulangerite?, lead like, 1 mm acicles along fracs in vns, 1-2mm aspy and py cxls), 102.6-102.7m (similar as prev with less 2% minrlzn as prev), 103.6-103.8m (as prev w 3% minerzn as prev); the whole unit is heavily fracds, vnd, foltd and has a some kind of brecciatd appearance; fracs are hairline-2 mm qz-ank fracs, planar, irregular at various orientations,w no halos; 10% vfg-1 mm diss py in the fracs of host at 101.6-101.9m, 102.8-106.4m (exterm poor recovery, fault zone with fragmnts of host incl frags of qz w 2% of boulang? As prev descdbd);
106.40	107.30	BXs	0	BXs; two types of breccias; from 106.4-106.7m blackish-30% vfg diss py and 15% 1-2 mm qz rounded and ang grains (pic 0867-0868) and from 106.7-107.3m w 90% 2-50 mm qz frags, subrounded, some part foltd and most of them angular (pic 0869, 870 both breccias) w 10% vfd py in fracs and; qz is wh-gyl, fg and qz frag selvs;
107.30	112.78	Xq	0	Xs;soft, talcy musc-ser-min chlor schist with less qz component as the schistose qtzite (=ser schist) at 109.3-112.5m and chlor-ser-andal schist from 110.3-111.5m, 112.5-112.78m;
112.78	136.26	Xq	0	Xs;alternating ser domint schist (as prev descdbd) with chlor domint schist (as prev descdbd) w short subintervals of cholr-andal schist (as prev descdbd); ser domint at 116.85-119.5m, 120.2-120.85m, 123.7-124.3m, 127.2-128.7m, 129.8-130.3m, 130.8-131.1m, 134.6-136.26m; ser-chlor 50/50 subintervals at 112.78-113.3m, 125.3-127.2m, 128.6-130.9m; andal schist at 114.5-114.7m, 115.5-115.6m, 119.9-120.2m, 132.3-134.6m (+musc); chlor-bio can have +/-andal; intens silicfd subintervals at 124-128.17;
136.26	140.91	Xqp	0	Xs;chlor-bio-gt? Schist, "after eight" appearance with green qz-ser after fspar-chlor layers 5-10 mm thick and dk red -br bio-gt(?) layers, sometimes well defining foltn sometimes appearing patchy in overall not heavily fratd, where fracs, those are domint cc and contains qzmfol subintervals;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
140.91	163.70	Xqp	0	Xs;chl-musc-bio-andal schist (pic 0875) alternating w chl-ser silicd schist at 144.75-145.6m, chlor dimint-bio schist at 148.9-149.35m (pic 0874), chlor domint ser schist at 151.9-152.2m, silicfd chlor-ser schist at 152.4-154.6m, 155.75-156.5m, 157.3-157.8m, ser-chlor schist at 157.8-158.5m, chlor-ser schist at 160.5-162m, ser schist at 162-162.7m (pic 0873), chlor-ser schist at 162.7-163.7m (pic 0872); qz mfol subunit from 140.91-144.5m, STRUCTURE CORRECTIONS: from 140-146.3m is as it is; bottom line at 146.3m is offset 180 deg from the prev bottom line; 146.3m bottom line was not extrapolated; the core from 146.3-149.35 was extrapolated from the bottom line at 149.35m; bottom line at 149.35m was not extrapolated and is offset by counterclockwise -95 beta degrees from the bottom line at 152.4m; the core from 149.35m-152.6m has bottom line from 152.4m; 140.9-144.65m 75% metaqz mfol and vfol as prev descrbd w po and aspy, ser and chlor as prev decsbd; 142.3m one sheetd vn 1 cm thick, qz-30% cc, wh-cream fmg, w 5% 1- 2mm py and 1% 1mm aspy in vn and selvs, w 2 cm thick ser-ank halo, w alpha 60 and beta 160; 143.8m 2 mm qz-40% cc vn w 2% 2 mm aspy in vn and selvs, cream, fg, alpha and beta as prev, irreg but planar, no ser halo; at 144.3m 2 qz sheet vn, 1 cm apart, uppr 1 cm thisck wh fg, 1 cm ser halo, lower 2 mm thick, w 2% 1-2 mm aspy in selv and halo w alpha 60 and beta 160; foltn in vicinity w alpha 20 and beta 330; 145-145.3m set of dfew hairl ser fracs w alpha 45 and beta 090 w 2mm ser halo and no vis min; 146.2m set of 2 qz sh vns wh-gyl fg 5 cm apart w alpha 80 and beta 180 and 2% 1-2 mm aspy and py in selvs and in 5 cm ser halo; 147.15m qz-ank offset 1mm string ye-crem fg w no vis min and halo w alpha 40 and beta 100; 147.6m-147.7m qz meta vfol as prev descrbd, w set of 2 sh strings 5 cm apart, 60 deg TCA w 1 cm chlor halo and outer 5 mm ser halo, wh fg, 5% bl aspy in vn; 148m foln w alpha 35 and beta 220; 148.5-149.35 set of three ser zones 5-10 cm thick, 10 cm apart caused by sets of qz-ser-ank hair fracs and strings-the uppr has a set 3 4 cm apart w no vis min w alpha 60 and beta 110; the middle set of two and lower set of 2 has alpha 40 and beta 250; 149.75m set of 5 qz-ser -min ank strings w 3 mm ser halo, 2 cm apart w no vis min and alpha 25 and beta 140; 150.3-150.5m two sets of two ser-qz-ank strings, 2-10 mm ser halo, no vis min, fmg, wh-grl upper w alpha 30 and beta 130 and lower w alpha 60 and beta 330; 150.9-151m upper 1.2cm qz sh vn fg gyl 5 mm ser halo w alpha 65 and beta 300, boul trace in vn along fracs and 2% 1-2 mm aspy in sev and halo, 12 cm to low dir qz-ser str fg 1mm ser halo no vis min w alpha 65 and beta 050;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
Continued				151.3-151.9m 5 cm ser zone in the upper end and 45% qz vfol in the rest of subunit wh-pul intermingl fg chlor; 155.5-156.65m set of 7 qz-ser-min ank or cc sh strng, some w fad margs, 2 mm ser halo and 2% 2 mm aspy>py in sevs and halos and adjacnt 1 cm zones away from margs, 5-20 cm apart and w alpha 65 and beta 340; then litho changes from 156.65-157.8 and there is only one such a string and 20 cm to low dir a similar strn w alpha 25 and beta 020; 157.8-158.5m more qz rich litho, the same set asp descrbd above, w 5 stringabout 5-30 cm apart; 159.5 qz-15% cc fmg sh vn 5mm thick faded margs, 3 cm ser zone and 5% of 1-3mm aspy in vn,selv and halo w alpha 55 and beta 350; 160m foltn w alpha 35 and beta 160; STRUCTURE CORRECTION at 158.5m bottom line is off by -36 deg beta from the bottom line measured from 155.45m; 161.54m bottom line is offset by -45 deg from the bottom line at 158.5m; 164.59m bottom line is offset by +20 deg beta from bottom line at 161.54m; as prev descrbd dker units tend to have up tp 2% wis po along foltn (many time it hasn't been mentiond but it can be related to all dk ch-bio rich schists; 160.4m qz mfol fg whgyl w chlor 5% bl po+chlor and py in fracs of vn; 160.5-160.7m qz--min cc- ser strin w 5% 1-3mm aspy in strnand 5 cm ser halo w alpha 55 and beta 020; 161.4-162. 3m set of two qz planar vns, 90 cm apart, 2 mm thick fmg gyl w 1 cm ser halo w 2% 1-2 mm aspy and py in halo w alpha 30 and beta 020; 162.7-163.6m set of 14 qz-ser strngs, w upper qz wh fmg 1 mc thichk vein w up to 5 cm ser halo, spaced at 1-5 cm scale, some of them w up to 30% cc and 2% 1-2 mm aspy and up to 10% 1-2 mm py in halos and selvs w alpha 70 and beta 020;
163.70	169.59	Xqp	0	Xs;"after eight" schist (pic 0871), the unit has blueih green colour for "Chlor" protions that are dominant (80%) of the entire unit, they consist of qz, ser fspar and chlor inbtwv grans that are 1-2mm in grain size, it is a hard unit when scratched by knife and bio-gt? Rich unit that consists of brown-pink silicate that is diff from bio on the fresh surface (gt?) and bio this unit is soft to knife scratch;
169.59	178.40	Xqp	0	Xs;qz-fspar-bio-gt?-chlor?, ligh blue green-pink, sugary looking (pic 0876), foliated grading into unit contaning alos andalusite along foltns (pic 0877) alternates with chlor-bio dk gyd foltd silicfd interval from 171.1-171.7m incl 3 qz-ser string 2-5 cm apart w 5 mm ser halo and w 7% 1-2 mm aspy in str and 3% 1 mm aspy in halo w alpha 61 and beta 012; w 2% wis po along foltn; another chlor-bio dk interval fg, foltrn obliterd is from 171.9-172.4m and incl at the upper end one qz sh vn 6mm thick non hao fmg gylwh w 1% 1-2 mm aspy in selv w alpha 69 and beta 341 and from 172.2-172.4m set of 4 subll ser-qz hairline fracs w no vis min, 1 mm ser halo, 5-6 cm apart, w alpha 25 and beta 030; another chlor-bio - min ser subunit from 176.25-177.35m poor on fracs w one qz mfol at the end of interval, po as usual;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
178.40	183.20	Xq	0	Xs;ser -min chlor schist (schistose qztite), rich in qz, chlor def foltn or mottled text in the first meter of the interval; gritty text from 179.3-181.2m defined by 20% 5 mm alongtd fspar? Wh subll aligned (pic 0878)
183.20	184.60	Kvl	0	Kvl; fresh lamprophyre(pic 0880) as prev descrbd w ser contacts and short ser'd frac zones within the unit; the upper contact is at alpha 60 and 000 beta, defined by 2 m thick ser zone and chilled marg; the whole unit has set of 13 qz-ser strings w ser halo from 2-20mm, fg wh w 2% 1-2mm py and aspy in strn selv and halos; one string has 40% bleb py, they are 1-25cm apart and w alpha 60 and beta 310; another set as prev descrbd set, but w alpha 45 and beta 030, 2-80 cm apart and seems to have up to 10 3mm aspy in vns; the lower contact seems to be subll w upper one and defined by 4 cm ser zone; it intrudes qz rich ser schist and conatcs are subll to sheet vn and strnigs in ser-qz schist above and below lampr unit, BUT it contains itself qz sh vn and strings that are subll to contact and qz sh vn and strngs in ser schist;
184.60	187.10	Xq	0	Xs;ser schist /schistose qztite w domint gritty text as prev descrbd; interval heavily veined, silicfd: 185.23-185.53m and 186.2-186.6m; qz mfolgy fg chl+po+ser pockets as prev descrbd;
187.10	192.70	Xqp	0	Xs;domint chl-ser-bio+/-andal schist with ser-chlor silicfd subinterval at 187.1-187.4m incl 4 qz-ser string and vns
192.70	217.50	Xqp	0	Xs;domint chlor-bio-min ser schist alternrtng w chlor-bio-and schist at 195.8-195.7m, 198.22-200m (+musc), 201.3-207.8m (andal size fines), 207.8-212.3m, 214-215.5m;
217.50	218.42	VNq	0	VNq; trace py and aspy in frac of vn and selvs
218.42	225.75	Xqp	0	Xs;domint chlor schist w bio? -andal, grgd alternating w chlor domint-ser, gritty and silicfd schist (oblitertng text, grit is faint w up to 5% or less white 1-2 mm fspar grains subll aligned, from 218.5-220.5m;
225.75	230.10	Xq	0	Xs;domint ser-musc-and-chlor schist; 225.75-226.5m spotted texture (20% 2-4mm green round spots, andmoly oriented, seem to overprint andalusite, commonly include and disintergrate andalusite); silicfd subunit from 228.5-228.9m;
230.10	268.22	Xqp	0	eoh; Xs;chlor-bio-andal- local musc schist;

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
6.10	7.10	FEO	0	compet chlo-bio schist, str oxid on frac
7.10	8.25	HM	0	partly oxid musc schist
8.25	13.00	HM	0	strn oxid, broken rubble of musc schist

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
13.00	21.34	HM	0	alternating strong oxid musc schist w intervals of "unoxid" chlor-bio-musc schist at 13.3-13.7m, 14-14.4m, 14.7-16.3m (+andal), 17-17.2m, 18-18.7m: this whole interval has fairly evident pink colour, alternt with strong green (dio(act)-gt?);
21.34	35.73	FEO	0	domint intensely oxid ser-musc schist/schistose qtzite; unalterd, ser-chlor schist at 30-30.3m;
35.73	39.57	FEO	0	domint, weak to moder oxid chlor-bio-andal schist w subinterval of oxid ser domint schist at 38.4-39.57m; both lithos have cren cleav and 3% of oxid hairline planar fracs random oriented; 38.72-38.92 set of two m 3 cm qz sheet vns, fg, wh-gyl, w 3% oxid sulph in selv and 3 cm bleahced, ser-ank halo, at 50 deg TCA;
39.57	40.60	SI	0	silicd wkly oxd chlor-bio-gt?-musc schist w crenultn and local 1% 1-2 mm qz wh round eyes; silicf strong at 39.57-40.6m; musc strongly oxd schist at 42-42.8m (this subunit seems to have fainted 2% 1-2mm gy qz eye texture and 1% 1-2 mm diss aspy along fracs, foltn surfs and in qz vfol blebs selv;
42.00	42.80	FEO	0	silicd wkly oxd chlor-bio-gt?-musc schist w crenultn and local 1% 1-2 mm qz wh round eyes; silicf strong at 39.57-40.6m; strongly oxd musc schist at 42-42.8m (this subunit seems to have fainted 2% 1-2mm gy qz eye texture and 1% 1-2 mm diss aspy along fracs, foltn surfs and in qz vfol blebs selv;
42.80	42.90	FEO	0	broken, rubbly core of ser after musc schist, strng oxid with fault gg+breccia at 42.8-42.9m and 47.65-47.85m: 2-4mm host frags in ser-oxd fg mx;
42.90	47.65	WM	0	broken, rubbly core of ser after musc schist, strng oxidn with fault gg+breccia at 42.8-42.9m and 47.65-47.85m: 2-4mm host frags in ser-oxd fg mx;
47.65	47.85	FEO	0	broken, rubbly core of ser after musc schist, strng oxidn with fault gg+breccia at 42.8-42.9m and 47.65-47.85m: 2-4mm host frags in ser-oxd fg mx;
47.90	48.20	FEO	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53,1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven fracs, selv at 54.16-54.36m;
48.20	48.50	CL	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53,1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven fracs, selv at 54.16-54.36m;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
48.50	49.27	FEO	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53,1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;
49.27	49.87	CL	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53,1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;
49.87	51.10	FEO	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53,1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;
51.10	51.30	CL	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53,1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;
51.30	51.50	FEO	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53,1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;
51.50	51.65	CL	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53,1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
51.65	52.00	FEO	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53.1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;
52.00	53.10	CL	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53.1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;
53.10	54.16	FEO	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53.1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;
54.16	54.36	SI	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53.1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;
54.46	55.60	CL	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53.1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;
55.60	56.55	FEO	0	oxd musc-ser after musc shist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53.1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven frac, selv at 54.16-54.36m;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
56.55	58.40	CL	0	oxd musc-ser after musc schist alternating with unoxd chlor-musc-ser schist, which is at 48.2-48.5m, 49.27-49.87m (this incl 45% qz mfol as prev descrbd), 51.1-51.3m, 51.5-51.65m, 52-53,1m (chlor-musc-anda schist), 54.46-55.6m (w 35% qz vfol as prev descrbd), 56.55-58.4m; intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven fracs, selv at 54.16-54.36m;
58.40	58.50	CL	0	chlor-bio-gt?-musc-ser+/- andal schist w ser-musc schist at 58.5-59.05m and 65.3-67.06m ; oxidz only on fracs;
58.50	59.05	WM	0	ser-musc schist at 58.5-59.05m and 65.3-67.06m ;
65.30	67.06	WM	0	ser-musc schist at 58.5-59.05m and 65.3-67.06m ;
67.06	73.60	CL	0	chlor-bio schist intens deformed, folded and crenulated, very dk unit (graphitic) and distinctive by amount of deformtn and up to 7% wis po in foltn, cren planes;
73.60	75.15	CL	0	chlor-ser schist;
76.90	88.00	CL	0	chlor-ser-musc schist with chlor domint subintervals at 76-77m, 80-82m, 91.5-92.9m, and strong broken interval at 88-91.5m (strngly serdz and partly oxidzd) and 93.55-93.75m; the unit is talcose along fracs and w abundant qz meta vn and rare sheetd vns; qz vfol and mfol are as descrbd, fg gyl-wh, chlor+2% ble po w chlor and 1-2% 1-2 mm aspy in selv, espc in serd subunits at 78.6-78.8m, 82.2-82.6m,, but in general the whole unit is sertzd and serd subunits prev mentiond are contrasting as they are within a chlor domint subinterval;
88.00	88.30	SI	0	88-88.3m silcfd, zone w 2% 2 mm aspy along microfracs,
101.50	106.40	CL	0	ser-musc-chlor schist w meta qz subintervals at 102-102.2m (fg, wh-gyl mfol with random orientd hairline fracs filled with dk, blackish material (chlor?), w chlor 2 mm host frags and 10% sulph (boulangerite?, lead like, 1 mm acicles along fracs in vns, 1-2mm aspy and py cxls), 102.6-102.7m (similar as prev with less 2% minrlzn as prev), 103.6-103.8m (as prev w 3% minerzn as prev); the whole unit is heavily fracds, vnd, foltd and has a some kind of brecciatd appearance; fracs are hairline-2 mm qz-ank fracs, planar, irregular at various orientations,w no halos; 10% vfg-1 mm diss py in the fracs of host at 101.6-101.9m, 102.8-106.4m (extern poor recovery, fault zone with fragmnts of host incl frags of qz w 2% of boulang? as prev descrbd);
107.30	110.30	CL	0	soft, talcy musc-ser-min chlor schist with less qz component as the schistose qtzite (=ser schist) at 109.3-112.5m and chlor-ser-andal schist from 110.3-111.5m, 112.5-112.78m;
110.30	111.50	CL	0	chlor-ser-andal schist from 110.3-111.5m, 112.5-112.78m;
112.50	112.78	CL	0	chlor-ser-andal schist from 110.3-111.5m, 112.5-112.78m;
112.78	113.30	CL	0	ser-chlor 50/50 subintervals at 112.78-113.3m, 125.3-127.2m, 128.6-130.9m;
116.85	119.50	WM	0	ser domint at 116.85-119.5m, 120.2-120.85m, 123.7-124.3m, 127.2-128.7m, 129.8-130.3m, 130.8-131.1m, 134.6-136.26m;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
120.20	120.85	WM	0	ser domint at 116.85-119.5m, 120.2-120.85m, 123.7-124.3m, 127.2-128.7m, 129.8-130.3m, 130.8-131.1m, 134.6-136.26m;
123.70	124.00	WM	0	ser domint at 116.85-119.5m, 120.2-120.85m, 123.7-124.3m, 127.2-128.7m, 129.8-130.3m, 130.8-131.1m, 134.6-136.26m;
125.30	127.20	CL	0	ser-chlor 50/50 subintervals at 112.78-113.3m, 125.3-127.2m, 128.6-130.9m;
128.17	128.70	WM	0	ser domint at 116.85-119.5m, 120.2-120.85m, 123.7-124.3m, 127.2-128.7m, 129.8-130.3m, 130.8-131.1m, 134.6-136.26m;
128.70	129.80	CL	0	ser-chlor 50/50 subintervals at 112.78-113.3m, 125.3-127.2m, 128.6-130.9m;
129.80	130.30	WM	0	ser domint at 116.85-119.5m, 120.2-120.85m, 123.7-124.3m, 127.2-128.7m, 129.8-130.3m, 130.8-131.1m, 134.6-136.26m;
130.80	131.10	WM	0	ser domint at 116.85-119.5m, 120.2-120.85m, 123.7-124.3m, 127.2-128.7m, 129.8-130.3m, 130.8-131.1m, 134.6-136.26m;
134.60	136.26	WM	0	ser domint at 116.85-119.5m, 120.2-120.85m, 123.7-124.3m, 127.2-128.7m, 129.8-130.3m, 130.8-131.1m, 134.6-136.26m;
136.26	140.91	CL	0	chlor-bio-gt? schist, "after eight" appearance with green qz-ser after fspar-chlor layers 5-10 mm thick and dk red-br bio-gt(?) layers, sometimes well defining foltn sometimes appearing patchy in overall not heavily frated, where fracs, those are domint cc and contains qzmfol subintervals;
140.91	144.75	CL	0	chl-musc-bio-andal schist (see pic) alternating w chl-ser silicd schist at 144.75-145.6m, chlor domint-bio schist at 148.9-149.35m (see pic), chlor domint ser schist at 151.9-152.2m, silicfd chlor-ser schist at 152.4-154.6m, 155.75-156.5m, 157.3-157.8m, ser-chlor schist at 157.8-158.5m, chlor-ser schist at 160.5-162m, ser schist at 162-162.7m (see pic), chlor-ser schist at 162.7-163.7m (see pic);
144.75	145.60	CL	0	chl-ser silicd schist at 144.75-145.6m
148.90	149.35	CL	0	chlor domint-bio schist at 148.9-149.35m (see pic),
151.90	152.20	CL	0	chlor domint ser schist at 151.9-152.2m
152.40	154.60	CL	0	silicfd chlor-ser schist at 152.4-154.6m, 155.75-156.5m, 157.3-157.8m,
155.75	156.50	CL	0	silicfd chlor-ser schist at 152.4-154.6m, 155.75-156.5m, 157.3-157.8m,
157.30	157.80	CL	0	silicfd chlor-ser schist at 152.4-154.6m, 155.75-156.5m, 157.3-157.8m,
157.80	158.50	CL	0	ser-chlor schist at 157.8-158.5m,
160.50	162.00	CL	0	chlor-ser schist at 160.5-162m,
162.00	162.70	WM	0	ser schist at 162-162.7m (see pic),
162.70	163.70	CL	0	chlor-ser schist at 162.7-163.7m (see pic);

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
163.70	169.59	CL	0	"after eight" schist (see pic), the unit has blueish green colour for "Chlor" portions that are dominant (80%) of the entire unit, they consist of qz, ser fspar and chlor inbtwv grains that are 1-2mm in grain size, it is a hard unit when scratched by knife and bio-gt? rich unit that consists of brown-pink silicate that is diff from bio on the fresh surface (gt?) and bio this unit is soft to knife scratch;
169.59	171.10	CL	0	qz-fspar-bio-gt?-chlor?, light blue green-pink, sugary looking (see pic), foliated grading into unit containing allos andalusite along foltns (pic 0877) alternates with chlor-bio dk grey foltd silicfd interval from 171.1-171.7m incl 3 qz-ser string 2-5 cm apart w 5 mm ser halo and w 7% 1-2 mm aspy in str and 3% 1 mm aspy in halo w alpha 61 and beta 012; w 2% wis po along foltn; another chlor-bio dk interval fg, foltrn obliterated is from 171.9-172.4m and incl at the upper end one qz sh vn 6mm thick non hao fmg gylwh w 1% 1-2 mm aspy in selv w alpha 69 and beta 341 and from 172.2-172.4m set of 4 subll ser-qz hairline frags w no vis min, 1 mm ser halo, 5-6 cm apart, w alpha 25 and beta 030; another chlor-bio - min ser subunit from 176.25-177.35m poor on frags w one qz mfol at the end of interval, po as usual;
171.10	171.70	SI	0	silicfd interval from 171.1-171.7m
178.40	183.20	CL	0	ser -min chlor schist (schistose qztite), rich in qz, chlor def foltn or mottled text in the first meter of the interval; gritty text from 179.3-181.2m defined by 20% 5 mm alongtd fspar? Wh subll aligned (see pic)
183.20	184.60	WM	0	fresh lamprophyre(see pic) as prev described w ser contacts and short ser'd frags zones within the unit; the upper contact is at alpha 60 and 000 beta, defined by 2 m thick ser zone and chilled marg; the whole unit has set of 13 qz-ser strings w ser halo from 2-20mm, fg wh w 2% 1-2mm py and aspy in strn selv and halos; one string has 40% bleb py, they are 1-25cm apart and w alpha 60 and beta 310; another set as prev described set, but w alpha 45 and beta 030, 2-80 cm apart and seems to have up to 10 3mm aspy in vns; the lower contact seems to be subll w upper one and defined by 4 cm ser zone; it intrudes qz rich ser schist and conatcs are subll to sheet vn and strngs in ser-qz schist above and below lampr unit, BUT it contains itself qz sh vn and strings that are subll to contact and qz sh vn and strngs in ser schist;
184.60	185.23	WM	0	ser schist /schistose qztite w domint gritty text as prev described; interval heavily veined, silicfd: 185.23-185.53m and 186.2-186.6m; qz mfolgy fg chl+po+ser pockets as prev described;
185.23	185.53	SI	0	interval heavily veined, silicfd: 185.23-185.53m
186.20	186.60	SI	0	interval heavily veined, silicfd: 186.2-186.6m;
187.10	187.40	SI	0	ser-chlor silicfd subinterval at 187.1-187.4m incl 4 qz-ser string and vns
187.40	192.70	CL	0	domint chl-ser-bio+/-andal schist with

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
192.70	207.80	CL	0	domint chlor-bio-min ser schist alterntng w chlor-bio-and schist at 195.8-195.7m, 198.22-200m (+musc), 201.3-207.8m (andal size fines), 207.8-212.3m, 214-215.5m;
207.80	208.80	WM	0	from 207.8-208.8m, 212.3-213.16m, 215.5-216.2m, 216.61-216.91m ser-musc schist;
212.30	213.16	WM	0	from 207.8-208.8m, 212.3-213.16m, 215.5-216.2m, 216.61-216.91m ser-musc schist;
215.50	216.20	WM	0	from 207.8-208.8m, 212.3-213.16m, 215.5-216.2m, 216.61-216.91m ser-musc schist;
216.61	216.91	WM	0	from 207.8-208.8m, 212.3-213.16m, 215.5-216.2m, 216.61-216.91m ser-musc schist;
218.42	218.50	CL	0	domint chlor schist w bio? -andal, grgd alternating w chlor domint-ser, gritty and silicfd schist (oblitertng text, grit is faint w up to 5% or less white 1-2 mm fspar grains subll aligned, from 218.5-220.5m;
218.50	220.50	SI	0	silicfd schist (oblitertng text, grit is faint w up to 5% or less white 1-2 mm fspar grains subll aligned, from 218.5-220.5m;
225.75	228.50	WM	0	domint ser-musc-and-chlor schist; 225.75-226.5m spotted texture (20% 2-4mm green round spots, andmoly oriented, seem to overprint andalusite, commonly include and disintergrate andalusite); silicfd subunit from 228.5-228.9m;
228.50	228.90	SI	0	silicfd subunit from 228.5-228.9m;
230.10	268.22	CL	0	chlor-bio-andal- local musc schist;

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
7.10	8.25	PO	0	2% po along foltn planes
13.50	13.60	SUL	0	13.5m three qz stringers, sheet, fg, randomly ornt w 4mm ank halo with oxd sulphs;
14.00	14.20	SUL	0	14m 4 mm qz vn, sheet w oxd margs; 14.2m 1m 3 cm qz vn, fg, w 2% oxd sulph;
14.80	16.30	SUL	0	14.8-15m qz mfol, or-gyl, fractd, oxd, chlortd, oxid sulph beyond recognition; 15.8m planar oxid fract, 4 mm thick with oxd sulph, zeolites? Along the frac surface and 4 mm ank, bleached halo; 16m 2 1-2 cm thick qz vfol+chlor+oxd sulph; 16.2-16.3m 2 sheet qz vns, 4 mm thick with oxdz sulphs;
17.60	17.90	SUL	0	17.6-17.9m qz mfol, fmg, fractd, chlortzd, vuggy, oxid sulphs, or-gyl; 18.6m qz sheet vn, 3 mm thick, fractd, oxid fg sulph and 2% of 2mm fresh aspy in vn, w 2 mm bleached halo, at 45 deg TCA;
18.60	18.61	PY	0	18.6m qz sheet vn, 3 mm thick, fractd, oxid fg sulph and 2% of 2mm fresh aspy in vn, w 2 mm bleached halo, at 45 deg TCA;
19.20	19.30	AS	0	19.2m 2 qz sheet vn, 3 mm thick, 2% 2 mm aspy in vn, selv and 1 cm zone away from margs, fmg, wh, at 45 deg TCA; one diff ornt qz-oxid vn, 2 mm thick, gyl w 2 mm oxd halo w 2% of fresh 2mm aspy in the adjac zone, at -50 deg TCA;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
24.40	24.41	AS	0	24.4m 2 mm qz sheet vn w 2% 1-2 mm aspy in vn and selv, vn has oxid hairline frac in the center, fg, gyl-or, at 60 deg TCA;
24.70	24.75	SUL	0	24.7m 2 mm qz sheet vn no vis fresh min, 2% oxd sulphs; 26m 5 cm mass vn as prev descrb, at 60 deg TCA;
28.40	28.41	PY	0	28.4m qz sheet 3 mm gyl, sinis offset 2 mm, 2% 2 mm py in vn, fg, vuggy;
32.74	32.75	PY	0	32.74 2% 2 mm ox py in qz meta vn;
33.20	33.40	PY	0	33.2m set of 4 sheet vn, qz wh, vuggy, fg, 4 mm thick, 2 cm apart w 2% of oxd sulph (py) at 60 deg TCA;
33.84	33.85	AS	0	33.84m qz sheet vn, 3 mm faded margs, and 1% 3mm aspy in the adjacnt zone
35.73	38.40	SUL	0	domint, weak to moder oxid chlor-bio-andal schist w subinterval of oxid ser domint schist at 38.4-39.57m; chlor schist has about 10% qz vfol with oxid sulph in fracs, selvs; at 36.2m 1% 2mm aspy in qz vfol selvs; 37.2-37.5m 60% qz vfol and one qz mfol ad prev descrbd, mfol is~4 cm thick, w 2mm oxid sulph in vn, selvs;
38.72	38.92	SUL	0	38.72-38.92 set of two m 3 cm qz sheet vns, fg, wh-gyl, w 3% oxid sulph in selv and 3 cm bleached, ser-ank halo, at 50 deg TCA;
39.57	41.00	AS	0	39.57-41m set of 6 qz sheet vns, 3-6mm, fmg, gyl-or,, spaced almost regularly at 50 cm scale; w 2% 1-2 mm oxidz sulph+aspy in selvs; they tend to have faded margs and oxid central hairline frac, at 55 deg TCA;
42.00	42.80	AS	0	strongly oxd musc schist at 42-42.8m (this subunit seems to have fainted 2% 1-2mm gy qz eye texture and 1% 1-2 mm diss aspy along fracs, foltn surfs and in qz vfol blebs selvs;
50.50	50.80	PY	0	50.5-50.8m 2% of 1-2mm py diss along and withn set of 7 oxd fracs, 2 mm wide, at 70 deg TCA;
54.16	54.36	ASPY	0	intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in vein fracs, selvs at 54.16-54.36m;
55.60	55.80	AS	0	55.6m 19 cm thick sheet vn, ye-wh, 15% up to 1 cm aspy clustrs, fg, w alpha 70 and beta 235;
56.80	56.81	AS	0	56.8m qz sheet vn fg ye-wh, 2mm, w 10% 4mm aspy in vn, w alpha 53 and beta 187;
57.16	57.17	AS	0	57.16m qz string 1 mm thick, wh, fg, fad margs, 3 mm ser margs and 2% 2 mm apy in vn and selv, w alpha 66 and beta 297;
58.71	58.72	PYPO	0	58.71m qz vfol as prev descrbd, w 2% 1-2 mm po>py and aspy in selvs and along fracs within vn;
59.35	59.36	PO	0	59.35m another qz vfol/mfol w 30% po aggr and clustrs up to 1-2 cm;
59.55	59.56	AS	0	59.55m qz vfol w 1 % 1 mm aspy in selvs;
59.85	59.86	ASPY	0	59.85m qz mfol, gyl-wh patchily coloured, w 2% of 3-5mm po> 1-2mm py and aspy in fracs of vn and selvs and 1 cm from margs;
61.40	61.41	PO	0	61.4m qz mfol as prev descrbd w 3% po in blebs and aggr; foltn in vicinity w alpha 36 and betas 163;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
62.80	63.10	ASPY	0	62.7-63.1m qz mfol, heav fracs, oxd along fracs w 5-8% of 2 mm aspy and py in fracs, chlor frags, ~15% of white fspar in clusters of 2 cm in diamter, filling vugs?; this fspar is also fracd and black material fills hailrine fracs, but where these fracs get wider (2mm), the are filled w aspy, so perhaps the black fg material is aspy too;
63.40	63.80	PO	0	63.4-63.8m 75% qz mfol as prev descbrd, w 2% bleb po and py in fracs of vns, selvs and po assoctd w chlor;
64.40	64.60	PO	0	64.4-64.6m qz mfol w bl of 5% po in fracs and chlor frags selvs;
65.80	65.90	AS	0	65.8-65.9m set of 2 ank-qz planar, irreg fact, 2 mm wide w no vis min, no halo cutting across qz sheet vn, 3 mm thick w fad margs fg gyl, and 2% 2 mm aspy in vn and selvs, at 50 deg TCA;
66.20	66.40	AS	0	66.2-66.4m 60% qz mfol w 2% 2mm aspy in selvs and loc ser 3mm zones in fracs of vns;
66.60	66.80	PO	0	66.6-66.8m 5-10% wis po in wis in foltn; 66.6-66.7m qz mfol w 2% 2 mm aspy in selvs;
72.30	72.31	PY	0	72.3m 10% blebs of py along foltn cren deformd zone;
73.30	73.44	AS	0	73.3-73.44m mfol qz vn, wh fg, as prev described mfols w 5% of 1-3mm aspy in selv and fracs in marginal zones along veins contacts w host;
74.10	75.14	PY	0	74.1-75.15m is fractd, veind zone: set of 20 qz-ank string, hairline-2 mm thick, yel, fg, planar, subll, w no vis min, 80 deg TCA cutting across qz-ank vn ll CA, mg, w 3% 1-2 mm py in vn, selvs, 4mm thick and persistn for 10 cm; 20 cm thick qz mfol wh, oxid fracs as prev descbrd colour and grain, chlor+2% bl py and aspy in vn fracs and selvs;
75.15	75.16	PY	0	upper contact w lamprof at 75.15 is 50 deg TCA, chilled margin visible, 20 cm wide; loc subll alignmt of fspars and biot that sem to have pinching shape on one end; ser zone at the contact is 20 thick and set of 2 sheet qz vn, 2-5mm thick, that cause this ser halo; 35% 1 mm py in selvs; about 5% qz blebs, fg gyl, 2 cm in avarage, elngtd also containd within;
77.40	77.41	AS	0	77.4m qz mfol as prev desrbd, wh, fg, w 2% 1-2 mm aspy in selvs, w 53 alpha;
77.60	78.78	AS	0	77.6-78.78.7m 50% qz vfol over that subinterval and 3 qz sheet vns at 60 deg TCA, 2-6mm thick, with or without ser halo and 2% 1-2 mm aspy in selvs and adjacnt zones to margs;
80.15	80.16	PY	0	80.15m qz sheet vn, 3 mm thick, 20% cc, fmg, wh-gyl, 1% 1 mm py and aspy in selvs w 60 deg TCA;
80.75	80.76	AS	0	80.75m two mass sheet vns at 60 deg and -60 deg TCA (hard to say as they are extrem thick, one is 6 cm and lower 10 cm thick, fg, wh, w 8% 2-3 mm aspy in selvs and in the zone btwn 2% 1mm diss aspy;
81.02	81.03	AS	0	81.02m qz sheet vn, fg, wh, 4mm thick, w 15% 2-3 mm aspy in vn and selvs, w 54 deg TCA;
82.20	82.21	AS	0	82.2m qz sheet vn fg wh-gy 4 mm w 2% 1-2 mm aspy in vn and selvs, -55 deg TCA wrt to the following one at 82.33 at 55 deg TCA, looking as the previous one;
82.33	82.34	AS	0	82.2m qz sheet vn fg wh-gy 4 mm w 2% 1-2 mm aspy in vn and selvs, -55 deg TCA wrt to the following one at 82.33 at 55 deg TCA, looking as the previous one;
83.50	84.20	PYPO	0	83.5-84.2m 95% qz mfol w 2% po w chlor and py in selvs;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
88.00	88.20	AS	0	88-88.3m silcfd, zone w 2% 2 mm aspy along microfracs,
88.20	88.21	AS	0	at 88.2 2mm qz-ank sheet vn, fg, or-wh, 8% 3mm aspy in vn, at 50 deg TCA;
92.90	93.20	PY	0	92.9-93.2m 60% qz mfol, as prev descbrd, w 2-3% 1-2 mm py in selv;
93.40	93.70	PY	0	93.4-93.7m w qz-cc strings and hairline spaced at 5 mm scale w 2% 1 mm diss py in zones inbtwn;
95.15	95.16	AS	0	95.15m 2 sheet qz vn adjacent to each other, 1-1.5 cm thick, upper wh fmg w 20% of unk sulph, lead, bluish, 1mm in vn and 2% 2 mm aspy in selv and 1 cm zone adjacent to marg;
97.30	97.40	AS	0	97.3-97.4m 2 qz sheet vn, 1-2 cm thick, fg, wh, 2% 1-2 mm aspy in selv;
98.50	98.60	PY	0	98.5-98.6m 10% 1 mm diss py in qz vfol selv and inbtween;
99.50	99.70	PY	0	99.5-101.7m qz vfol and up to 10% 1 mm diss py along fracs, qz vfol selv
99.70	99.71	AS	0	2 qz sheet vns at 99.7 m and 100.4m, upper qz 5 mm thick, fg fad margs, 2% 1 mm aspy in selv, at 45 deg TCA and lower 2 cm thick fmg, wh-or gyl, w 20% ank/cc and 8% 2-3mm aspy in vn and selv and 1 cm away zone;
100.40	100.41	AS	0	2qz sheet vns at 99.7 m and 100.4m, upper qz 5 mm thick, fg fad margs, 2% 1 mm aspy in selv, at 45 deg TCA and lower 2 cm thick fmg, wh-or gyl, w 20% ank/cc and 8% 2-3mm aspy in vn and selv and 1 cm away zone;
101.60	101.90	PY	0	10% vfg-1 mm diss py in the fracs of host at 101.6-101.9m
102.00	102.20	SUL	0	meta qz subintervals at 102-102.2m (fg, wh-gyl mfol with random orientd hairline fracs filled with dk, blackish material (chlor?), w chlor 2 mm host frags and 10% sulph (boulangerite?, lead like, 1 mm acicles along fracs in vns, 1-2mm aspy and py cxls
102.60	102.70	SUL	0	102.6-102.7m (similar as prev with less 2% minrlzn as prev)
102.80	103.60	SUL	0	102.8-106.4m (exterm poor recovery, fault zone with fragmnts of host incl frags of qz w 2% of boulang? as prev descbrd);
103.60	103.80	SUL	0	103.6-103.8m (as prev w 3% minerzn as prev); the whole unit is heavily fracds, vnd, foltd and has a some kind of brecciatd appearance; fracs are hairline-2 mm qz-ank fracs, planar, irregular at various orientations,w no halos;
106.40	107.30	PY	0	two types of breccias; from 106.4-106.7m blackish-30% vfg diss py and 15% 1-2 mm qz rounded and ang grains (see pic) and from 106.7-107.3m w 90% 2-50 mm qz frags, subrounded, some part foltd and most of them angular (see pic of breccias) w 10% vfd py in fracs and; qz is wh-gyl, fg and qz frag selv;
109.10	109.29	ASPY	0	109.1-109.3 qz mfol w black fracs as prev descbrd, w 3% 1-2 mm py,aspy and boulang? In fracs and selv+ have fracs adjacent ser qztite zone w 8% vfg py along fracs;
109.30	109.31	PY	0	meta qz vns wh, fg, ~2-3cm thick, 2% 1-2 mm py in chlor fracs and selv in soft schist unit, roughly regul spaced at 40 cm scale;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
109.90	109.91	AS	0	109.9m two sheet qz vns, at 69 deg TCA, upper 5 cm thick, lower 2 cm apart, 1 cm thick, w 2 cm ser halo, wh, fg, trace boul? And 1-2% 1-2mm aspy in frac of vn and selvs and halo;
110.90	111.30	AS	0	110.9-111.3m at upper end two qz irreg fract, somehow subll, 2 mm thick w fad ser halo, 5% 2mm aspy in vn, selvs and adjacnt zones, they are 3 cm apart, fg, wh; set of 3 sheet qz vn, 4 cm apart, upper 2 mm thick, fg, gyl-wh, middle 1 cm thick fg gyl, and lower 2.5 cm gyl fg, chlor vn w cholor margs, all of them in ser halo and 2% 1-2 mm aspy, py and boul? In selvs, adjacent zones and frac of vns;
111.50	112.50	ASPY	0	111.5-112.5m w 75% meta qz, mfol, as prev descdbd (chlor bits) and in ser zone, w 2-3% 1-2 mm aspy and py in frac, string cutting vns, vn selvs and adjacent zones;
113.60	113.85	SUL	0	113.6-113.85m qz mfol and 2 qz sheet vns, upper 3 cm thick and lower 5 cm tick, 3 cm apart, wh, fg, vug, 66 deg TCA, with 1 cm ser halo and 2%1-2 mm aspy, boul? And py in frac, selvs and halo (aspy and py);
114.45	114.46	ASPY	0	114.45m qz sheet vn wh fg, 1 cm ser halo, 2 cm thick,alpha 65 and 2-3% 1-2 mm aspy and py in selvs and halo;
114.55	115.35	ASPY	0	114.55-115.35m 3% ser planar hairline frac w 5 mm ser halo and 2% 1-2 mm py and aspy in strin, hair and halo, 3 mm qz-20% cc vn, planar, fg, 30 deg TCA, w 2% 1-2 mm aspy and py in selvs and 3 cm ser halo;
115.90	116.50	PO	0	115.9-116.5m 50% qz vfol and mfol as prev descdbd, w 2% blebby po assoctd w chlor, 1-2% 1-2 mm aspy assoctd w ser pockets and in selvs, no halo;
118.27	118.28	PY	0	118.27m upper zone (50% of the subunit) has qz breccia zone and the rest 85% qz mfol, and vfol w ser zones inbtwn; the breccia zone has a alpha 90 py stringer at the upper end, 2 mm thick, qz mfol and vfol as prev descdbd, but with distinct domint ser than chlor pockets and host frags, they are wh or gyl, w up to 10% py in frac, selvs, 2% of 1-2 bl py, aspy and big blebs 1cm scale po assoctd w chlor; py and aspy and 1-2% boul?;
119.00	119.30	PY	0	119-119.6m ser zone w 20% of hairlineqz-cc-ser frac and micorfrac w 2-5% vfg diss py along frac and 2% vfg aspy diss along frac, also in selvs and ser halos; set of 3 qz sheetd vns 3 cm apart, 2-5mm thick, wh fg w 1% boul? Abd 2-3% 1-2 mm aspy, w alpha 60 and beta 180;
119.30	119.31	SUL	0	119.3 sheetd qz vn 1 cm thick faded margs, in ser zone, fg wh, 1% boul?, mol?, bis? In hairline frac cutting perpend to margs, w alpha 75 and beta 020;
120.30	120.90	PY	0	120.3-120.9m ser zone 5% vfdiss py along frac and microfarcs, w 30% meta qz vfol and mfol is 7 cm thick w 15% 5mm aspy cxls aggr up to 1 cm in assoctn w ser; at a lower end qz-5% cc string planar, sheet, fg wh, w 2% 1-2 mm aspy and py in selvs and 1 cm ser halo;
122.60	123.10	PO	0	122.6-123.1m 5% qz vfol chlozr+2% bl po; 4 sheetd vn, 1-5cm apart, diff orientn, wh-gyl, fg, w 3-50 mm ser halo, from 2-20mm thick w 2% 1-2 mm aspy in selvs and halos;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
123.30	123.31	PY	0	123.3m qz sheet vn, 3 mm thick, wh fg w 3-5 cm ser halo and 1-2 % 1-2 mm py cxls in selvs and halo;
123.60	124.30	PY	0	123.6-124.3m ser zone with 5% 1 mm diss py, 4 vn randomly orientd, w no vis min; upper qz-cc-ser hairline, 2.upper fg gyl 2mm w 2 mm bleached zone, 3. 1 cm thickwh-gyl fg (all ~60 deg TCA) and lower 2 mm gy fg, 30 deg TCA, few cm apart, it also contains set of 3 sheet qz-ank srtngs w no visb min inside but w 2% 1-2 mm aspy and py in away zones from margs;
125.30	127.19	AS	0	125.3-127.2m set of 12 sheet vn and hairl fracs, 9 vn of 1 cm thick, wh, afad margs with ser zones where halo is hard to pick out or 5 cm halos, fracs have 2-5 mm halos, not vis min in general, w alpha 75 and beta 020, spaced at 5-20 cm scale; another set of 4 hairln fracs and one sheet vn 3mm thick, wh fg w 5% 2 mm aspy in vn, w ser halo as prev descrbd w alpha 80 and beta 040 30-40 cm apart; set of two hairl fracs 5 cm apart w alpha 60 and beta 300; set of 5-6 hairl se-fracs w 2 mmm halo w alpha 30 and beta 240, 10 cm apart; 3 fracs about 5 mm apart w alpha 60 and beta 110;
127.21	128.30	ASPY	0	127.2-129.3m fairly fractd unit with 2-8% fdiss py and 2% 1 mm aspy along fracs and microfrasc;
128.30	129.30	ASPY	0	127.2-129.3m fairly fractd unit with 2-8% fdiss py and 2% 1 mm aspy along fracs and microfrasc;
129.50	130.00	ASPY	0	129.3-130m 2 qz sheet mass vns, at 66 deg TCA; about 60 cm apart, 5 cm thick, w 20 cm ser zone w 5% aspy and py inselvs and halo, both fg wh,
130.40	130.41	PYPO	0	130.4m qz mfol w chlor, sr pockets and 5 cm patchy blebs of py assoct w chlor;
131.50	132.00	AS	0	131.5-132m set of 2 qz sheet vn 2 and 10 mm thick w 1-2 mc ser halo, wh fg, w 2% 1-2 mm aspy in selvs and halo, about 15 cm apart, at 72 deg TCA;
132.30	132.80	AS	0	132.3-132.8m one sheet qz 2mm gy vn and few hairline fracs w 1-10 cm ser halo w 2% 1-2mm aspy in halo;
134.61	136.26	PY	0	134.61-136.26m a fault zone?, broken rubly core, strng ser, vn, 2% vfg diss py in fracs;
136.70	136.90	AS	0	136.7-136.9m offset by 2 mm qz-cc sheet vn, fmg, 3 mm thick, wh-cream, 7 mm ser halo, 6% 1-2mm aspy in selvs anmd halo, at 45 deg TCA, 2 cm apart is qz sheet vn, mass 12 cm thick, w no vis min and ser halo, at 66 alpha and fg wh;
137.70	138.70	ASPY	0	137.7-138.7m set of 2 sheet vns, qz-cc, wh, upper 3 cm thick, lower 2 mm thick, at 70 deg TCA, 4 cm apart w no halo, fg, w 3% 2-3mm aspy and py in vns and selvs, both are croscutt by cc-minor qz string, subll TCA, also w 2 mm aspy in it; anotehr 6 string-hairline planar vn and fracs, some w cc-min qz, about 10 cm apart, no ser halo, some min w aspy, some no vis min, at 35 or -35 deg TCA, at the end of this subunit there is qz vfol/mfol, about 10 cm thcik, w chlor+5-10mm bl po;
138.70	139.70	AS	0	138.8-139.7m set of three qz-40 cc strngs w no ser halo and 5% 4 mm aspy in vn, about 10 cm apart, at 63 deg TCA;
139.70	140.00	PO	0	139.6-140m qz mfol zone w 70% of qz, chlor+po blebs as prev descrbd;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
140.00	140.50	AS	0	140-140.5m set of three qz-40%cc sheet vn, about 5-40 cm apart, 2 mm thick, w 1-2 mm aspy in vn, no halo, at 71-63 alpha and 194-188 beta (alpha and beta can be extrapolated to the prev set uphole (from 138m);
140.50	140.90	PO	0	140.5-140.91m qz mfol w chlor and po as prev descrbd, also contains serd pockets and 2% 2 mm aspy cxls assoctd w them;
140.90	142.30	PO	0	140.9-144.65m 75% metaqz mfol and vfol as prev descrbd w po and aspy, ser and chlor as prev decsbd; STRUCTURE CORRECTIONS: from 140-146.3m is as it is; bottom line at 146.3m is offset 180 deg from the prev bottom line; 146.3m bottom line was not extrapolated; the core from 146.3-149.35 was extrapolated from the bottom line at 149.35m; bottom line at 149.35m was not extrapolated and is offset by counterclockwise -95 beta degrees from the bottom line at 152.4m; the core from 149.35m-152.6m has bottom line from 152.4m;
142.30	142.31	ASPY	0	142.3m one sheetd vn 1 cm thick, qz-30% cc, wh-cream fmg, w 5% 1- 2mm py and 1% 1mm aspy in vn and selvs, w 2 cm thick ser-ank halo, w alpha 60 and beta 160;
143.80	143.81	AS	0	143.8m 2 mm qz-40% cc vn w 2% 2 mm aspy in vn and selvs, cream, fg, alpha and beta as prev, irreg but planar, no ser halo;
144.30	144.31	AS	0	at 144.3m 2 qz sheet vn, 1 cm apart, uppr 1 cm thick wh fg, 1 cm ser halo, lower 2 mm thick, w 2% 1-2 mm aspy in selv and halo w alpha 60 and beta 160;
146.20	146.21	ASPY	0	146.2m set of 2 qz sh vns wh-gyl fg 5 cm apart w alpha 80 and beta 180 and 2% 1-2 mm aspy and py in selvs and in 5 cm ser halo;
147.60	147.70	AS	0	147.6m-147.7m qz meta vfol as prev descrbd, w set of 2 sh strings 5 cm apart, 60 deg TCA w 1 cm chlor halo and outer 5 mm ser halo, wh fg, 5% bl aspy in vn;
150.90	151.00	AS	0	150.9-151m upper 1.2cm qz sh vn fg gyl 5 mm ser halo w alpha 65 and beta 300, boul trace in vn along frac and 2% 1-2 mm aspy in selv and halo, 12 cm to low dir qz-ser str fg 1mm ser halo no vis min w alpha 65 and beta 050;
155.50	156.65	ASPY	0	155.5-156.65m set of 7 qz-ser-min ank or cc sh strng, some w fad margs, 2 mm ser halo and 2% 2 mm aspy>py in sevs and halos and adjacnt 1 cm zones away from margs, 5-20 cm apart and w alpha 65 and beta 340; STRUCTURE CORRECTION at 158.5m bottom line is off by -36 deg beta from the bottom line measured from 155.45m; 161.54m bottom line is offset by -45 deg from the bottom line at 158.5m; 164.59m bottom line is offset by +20 deg beta from bottom line at 161.54m;
158.40	159.50	PO	0	158.4-159.59m sets of 3 qz meta zones at the beg, middle and end of this subunit w chlor, 2% bl po as prev descrbd
159.50	159.51	AS	0	159.5 qz-15% cc fmg sh vn 5mm thick faded margs, 3 cm ser zone and 5% of 1-3mm aspy in vn,selv and halo w alpha 55 and beta 350;
160.40	160.41	PO	0	160.4m qz mfol fg whgyl w chlor 5% bl po+chlor and py in frac of vn;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
160.50	160.70	AS	0	160.5-160.7m qz-min cc- ser string w 5% 1-3mm aspy in strng and 5 cm ser halo w alpha 55 and beta 020;
161.40	162.30	ASPY	0	161.4-162. 3m set of two qz planar vns, 90 cm apart, 2 mm thick fmg gyl w 1 cm ser halo w 2% 1-2 mm aspy and py in halo w alpha 30 and beta 020;
162.70	163.60	ASPY	0	162.7-163.6m set of 14 qz-ser strngs, w upper qz wh fmg 1 mc thichk vein w up to 5 cm ser halo, spaced at 1-5 cm scale, some of them w up to 30% cc and 2% 1-2 mm aspy and up to 10% 1-2 mm py in halos and selvs w alpha 70 and beta 020;
164.00	164.30	AS	0	164-164.3m set of 3 qz-ser-min cc strng as descrbed above w up to 5% of 1-2 mm aspy in the adjacnt 2 cm zones without halo (restricted to 1-2mm) at the same alpha and beta, spaced4-6 cm spaced;
165.40	165.90	AS	0	165.4-165.9m set of two qz-20% cc upper string and lower 1 cm gyl fg sh vns,w alpha 70 and beta 020 w up to 6 cm adjacn zone w 10-15% 1-2mm aspy in vn, selvs, 1 cm ser halo and adjacnt zones;
166.70	166.71	PYPO	0	166.7m qz-15% cc fmg str w 2% 2 bl po and py in vn, no halo wh gyl w alpha 30 and beta 063; STRUCTURE CORRECTN at 167.64m the bottom line is -2 deg beta offset from the bottom line above;
170.20	170.21	AS	0	170.2 qz -ser sh vn 3 mm thick w 2 cm ser halo, gy fg, w 10% 1-2% 3mm aspy in vn, selv and halo w alpha 52 and beta 335;
170.59	170.60	AS	0	170.59m aspy string w ser 2 mm halo and alpha 65 and beta 005;
171.10	171.70	AS	0	171.1-171.7m incl 3 qz-ser string 2-5 cm apart w 5 mm ser halo and w 7% 1-2 mm aspy in str and 3% 1 mm aspy in halo w alpha 61 and beta 012; w 2% wis po along foltn;
171.75	171.81	AS	0	171.75-171.81m qz fg sh pul vn 4 mm thick w alpha 75 and beta 000 w ser 5 cm zones w 6% 1-2 mm aspy in selvs and halo, 1% bl po and py in halo;
171.90	172.40	AS	0	171.9-172.4m and incl at the upper end one qz sh vn 6mm thick non hao fmg gylwh w 1% 1-2 mm aspy in selv w alpha 69 and beta 341; STRUCTURE CORRECTNS at 170.69 the bottom line is -16 deg beta off from the bottom line at 167.64; at 173.74 the bottom line is -8 deg beta off from bottom line at 170.69;
172.70	172.71	ASPY	0	172.7m qz sh vn fmg gylpul no ser halo w 3% 1-2 mm py and aspy in vn and selv and 3 cm in adjcmt zones w alpha 45 and beta 330; this unit contain s alos up to 1% wis po in foltn;
174.30	174.40	AS	0	174.3-174.4m set of two qz sh vns 8 cm apart, upper: gyl fg vn w wh qz margs no ser halo, actually 5 mm chlor halo w 6% 2 mm aspy along gyl and wh qz and in selvs and in 1cm adjcmt zone, lower is qz strng w descptn as prev, both w alpha 73 and beta 335;
175.00	175.01	AS	0	175m qz strng fg gyl no ser halo, w 3% 1-2 mm aspy in string and 1 cm adjacent zone, w alpha 50 and beta 034;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
175.10	175.50	AS	0	175.1-175.5m 3 qz-aspy vns 5-20 cm apart: upper is wh fmg 5mm thick irreg w 3% 1-2mm aspy in vn and 2 cm adjcnt zone, w 2 cm ser halo; middle one qz-20% ank fmg cream strng 3mm thick w no halo and no vis min w alpha 35 and beta 040; lower one is qz gyl fg 3 mm thick w 2% 2mm aspy in selvs and 1% 1 mm aspy in 5 cm ser halo w alpha 80 and beta 300;
177.50	177.60	ASPY	0	177.5-177.6m set of two qz hair fracs w 5-10 mm ser halo, 10 cm apart w 3% 1-2mm aspy and 5% 1-2 mm py in halos, at 45 deg TCA;
178.70	179.30	AS	0	178.7-179.3m 3 sets of 2 qz sh vn 2-4mm thick, vns 2cm apart, set 30 cm apart; vn are fg qz-ser-minr ank w 3 mm ser halo, at 45 deg TCA, wh-cream w 1% of 1 mm aspy in selvs and halos; whenever the 1 cm chlor zone appears it is common to find 2% of bleby po in it;
179.90	182.40	ASPY	0	179.9-183.2m set of 15 qz sh vn 2-4mm thick w 1 cm ser halo, fg wh faded margs, w 2% 1-3 mm py and aspy in vn, selvs, halo and w alpha 60 and beta 000, thed are 5-50 cm apart;
182.40	182.41	PY	0	182.4m 2 cm thcik qz wh sh fg vn w no vis min fad margs w alpha 50 and beta 340; the whole interval can contain up to 2% vfdiss py in fracs and microfracs; STRUCTURE CORRECTION at 185.93m bottom line is +10 deg Beta from the bottom line at 182.88m;
186.25	187.00	AS	0	186.25-187m another (very likely the same set as prev) is of 6 qz-ser sh vns as prev descrbd, about 3-20 cm apart, w 1% 1mm aspy in selv and ser halos w alpha 65 and beta 000; the whole intervals can contain up to 2% vfd py in fracs and microfracs
187.10	187.40	AS	0	at 187.1-187.4m incl 4 qz-ser string and vns wh fg w 1 cm ser halo w up to 3% 1-3mm aspy in vn, selvs and halos, one of them is at alpha 55 and beta 330;
188.30	189.10	ASPY	0	188.3-189.1m ser-chlor silicd subunit w set of 15 qz-ser hairline fracs spaced at 1-2 cm scale w alpha 55 and beta 330 w 2% 1-2 mm aspy and py inbtwn them and in them, on eof them is 1 cm thick gy-5% cc qz sh vn; the rest of the interval can have 1-2% 1 mm py vfd in fracs and microfracs;
189.10	189.40	AS	0	189.1-189.4m set of 3 qz-cc-ser sh vn irreg mg, wh-grl at alpha 55 and beta 330 and 2% 1-2 aspy in vn selvs and adjacnt 2 cm zones; zones can contains up to 10% 1mm vfd aspy and py;
190.00	190.05	AS	0	190-190.05m qz irreg vn 3 cm thick w ser zones around and up to 30% 4-5mm aspy in vn,selvs and fdiss in adjacnt zones;
190.15	190.30	ASPY	0	190.15-190.3m set of 3 qz-20% cc sh vns. 3 mm thick, 5 cm apart, w 5 mm ser zones w fad margs and 2% 1-2 mm aspy and py in selvs and adjcan halo, w alpha 55 and beta 330;
190.75	191.00	AS	0	the same set continues from 190.75-191m w 7 qz ser sh vns 2-5 cm apart w up to 3% 1-2 mm aspy, alpha 55, beta 330;
191.00	191.15	ASPY	0	191-191.15m set of two qz-ser hairlin fracs w 1% 1 mm py and aspy in ser halos and alpha 45 and beta 200;
191.60	192.00	AS	0	191.6-192m the same set w 3 qz-ser sh vn, about 2-10 cm apart; another set of 2 ser-qz hairline fracs w 1% 1mm aspy in 2 mm ser halo w alpha 25 and beta 200;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
192.30	192.31	AS	0	192.3m one qz-20% cc sh vn fg whgyl, w 2% 2 mm aspy in vn w alpha 55 and beta 330, no ser halo;
192.77	193.00	AS	0	192.77-193m set of 6 qz sh vn and strngs wh fg fad margs w 5 mm ser halo w 1% 1mm aspy, w alpha 54 and beta 314; as usal 1-2% bl po in met qz which is ~1% in the entire unit;
193.50	194.20	AS	0	193.5-194.2m serd zone w set of 3 qz-ser strn w up to 1% 1 mm aspy in selvs and 5 mm halo, string 2 cm apart w alpha 63 and beta 320; includes also qz sh vn 4 mm thick fg gyl-wh w tr boul and 3% 1-2 mm aspy in selvs and 5 mm ser halo w alpha 84, beta 020; inclds also ank string fg no vis min w alpha 40, beta 210;
194.60	194.85	AS	0	194.6-194.85m another serzd zone w qz-ank strn w tr aspy and py in adjacnt zones w alpha 54 and beta 245; includes also qz strn w 1% 1 mm aspy in selvs and 5mm adcnt zone no ser halo;
195.00	195.01	ASPY	0	195m qz ser vn wh fg faded margs 3 mm thick w 5 mm ser halo and 1% 1 mm aspy and py in selvs and halo w alpha 61 and beta 289; STRUCTURE CORRECTIONS at 195.07 the bottom line is -49 deg beta from the bottom line from the above; the bottom line from 195.07m continues through 198.12 as the core can be matched but it lacks the red bottom line and detto for 201.17m and detto for 204.22m and goes to 207.26m where the new bottom line starts;
195.47	195.48	AS	0	at 195.47m qz-40% ank str w 2 mm ser halo w 1% 1mm aspy in selvs and halo, cream fg, w alpha 55 and beta 177;
196.19	196.79	ASPY	0	196.19-196.79m serzd zone w set of 12 qz-ser hairline and one qz sh vn fg wh 5 mm thick , 4-10mm spaced, w alpha 55 and beta 177, the whole zone contains 1-5% 1-2mm aspy and py in vn selv and in fracs and microfracs, some fracs of te set can contain up to 15% 2 mm py;
197.15	197.16	AS	0	197.15m qz-20% cc fmg wh-gyl faded margs, 4 mm thick, 3 cm ser halo w 2% 1-2 mm aspy in selv and halo and w alpha 50 and beta 334;
198.45	198.46	AS	0	198.45m qz-cc vn sh w 2 mm cc concentratd in the central part of the vein, 1 cm thick vn, qz is fg and gyl, 2 mm ser halo w 1% 1 mm aspy and boul? In vn along perpdic fracs to vn margs, in selvs w alpha 80 and beta 112; in general 1-2% wis po along foltn in the unit as usual;
199.20	199.30	ASPY	0	199.2-199.3m set of two qz-20%cc sh strngs fg gyl-wh w 2 cm ser halo and 7% (upper) and 3% (lower) 1-2mm aspy and py in selvs and halo, w alpha 54 and beta 330;
200.30	200.31	ASPY	0	200.3m qz-ser strn wh, w 1 cm ser halo fg w 3% 1-2 mm aspy in selv and halo, w alpha 54 and beta 315;
201.17	201.30	PYPO	0	201.17-201.3m 1-2% bl py and po along foltn and microfracs;
202.00	202.01	ASPY	0	202m qz-ser irreg vn 3 mm thick grgl fg 60 deg TCA w no vis halo but 1% of 1-2 mm aspy and py in adjacnt zones up to 4 cm away from margs;
202.50	202.51	ASPY	0	202.5 qz ser planar strng gy w 1 cm ser halo w 1-2% 1-2 mm aspy and py in selvs and halo w alpha 20 and beta 017;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
204.00	204.01	ASPY	0	204m the same vn style and min and orientn, but seems to have 2 cm chlor halo followd by 1 cm ser halo;
204.55	204.85	ASPY	0	204.55-204.85m serzd zone due to set of 3 qz-ser strngs fg cream w 3% 1 mm py and 1 % 1mm aspy in selv and adcnt zones that seem to be weakly sertzd w alpha 56 and beta 317; zone inclds also a qz ser hair strng w 3% 1-2 mm py and aspy in vn, selv and 1% 1 mm aspy and py in away zones w alpha 15 and beta 011;
205.00	205.01	ASPY	0	205m 2.5 cm thick qz sh vn wh fg w 10 mm ser halo w tr boul in vn, 2% 1-2 mm py and aspy in selvs and halo w alpha 79 and beta 291;
205.10	206.00	AS	0	205.1-206m set of 5 ser hairline fracs w 2 cm ser halo w up to 2% 1 mm aspy in halo and about 1-30 cm apart w alpha 50 and beta 220; in general po shows up to 2% wis in foltn; STRUCTURE CORRECTION at 207.26m the bottom line is -71 deg beta from the above bottom line and extraploated down to 212.5m (not a woodn blocklocation); from 212.6 (not a wooden block loctn) the bottom line is extrapolated from the 216.41m and continuing to 210.31m (with no red bottom mark) , also continuing through 213.36m where it ignores the red bottom line (that is offset from the 216.41m by +10 deg beta;
208.25	208.26	ASPY	0	208.25m qz-20% cc wh gyl string planar w 1 cm ser halo tr py and 2% 1-2 mm aspy in halo and selvs w alpha 16 and beta 044;
208.60	208.61	ASPY	0	208.6m 4 cm thick qz fg wh sh vn w 5 cm ser halo w 2% 1-2 mm boul? In fracs, 4% 1-2 mm aspy and py in selvs and halo, w alpha 50 and beta 333;
209.40	209.41	PY	0	209.4m qz wh fg strng w 5 mm ser zone w 1% 1 mm py in halo w alpha 58 and beta 336; foltn at 209.5m w alpha 25 and beta 138;
210.15	210.16	ASPY	0	210.15m qz 2mm strng wh fg w 1% 1-2 mm py and aspy in vn and selv, faded margs 2 mm ser halo w alpha 58 and beta 336;
210.36	210.37	ASPY	0	210.36m 6.5cm thick sh qz vn wh fg, w 1 cm ser halo w tr to 2% 1-2 mm boul and 1-2mm aspy and py in slevs and halo w alpha 51 and beta 336; anotehr qz gyl fg strn w 2% 1mm aspy in selvs and 1mm ser halo w the same orientn at 211m;
212.30	213.16	AS	0	212.3-213.16m ser zone: set of 16 qz-ank strn and ank hairline fracs orange fg 5mm-10 cm apart w alpha 65 and beta 327, w 1%-5% 1-3mm aspy in strings and away zones; includes qz-30% ank vn 5 mm thick fmg gyl-orng 1-2% 1mm aspy in selvs and away zones w alpha 52 and beta 262; includes 2 cm thick qz sh wh vn fg w 5 mm bleached zone, tr boul and 1% 1 mm aspy in selvs and away zone w alpha 46 and beta 326;
215.70	215.71	AS	0	215.7m 1 cm thick wh fg qz sh vn w fad margs and 5 cm ser halo w 1% 1 mm aspy in halo w alpha 52 and beta 262;
216.80	216.90	AS	0	216.8-216.9m set of two qz sh vns upper strng and low 6 mm thick vn 5 cm apart, w 1 cm ser halo, wh fg, fad margs, 1% 1 mm aspy in halo and w alpha 74 and beta 347;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
217.50	218.40	ASPY	0	mass qz vn w trace py and aspy in frac of vn and selv
218.40	219.46	AS	0	218.4-219.46m set of 13 qz-ser hailrine-stringer to vn5 mm thick, fad margs, fg gyl, w 5 mm ser halo, about 1-20 cm apart w 1-60% 1-3 mm aspy in vn, selv and halo and 1-2% 1-2mm py in halos w alpha 65 and beta 010; STRC CORR at 219. 46m the bottom line is +22 deg beta from the prev bottom line;
219.70	219.71	PY	0	219.7m qz vn 3 mm thick fad margs wh fg w 5 mm halo 2% 1mm py in halo and w alpha 60 and beta 320;
220.20	220.21	AS	0	220.2m qz sh vn 2 mm thick fmg, wh-gyl, w 1 % 1mm aspy in selv and 2 mm halo w alpha 40 and beta 020;
220.30	220.40	AS	0	220.3-220.4m set of two qz-ser strn fad margs, 5 mm ser halo fg gyl 1% 1mm aspy in halo and alpha 60 and beta 320;
222.45	222.50	AS	0	222.45-222.5m mass qz vn fg wh w alpha 50 and beta 320 w 1-2% 1-2 mm aspy in 1 cm ser halo; STRUC CORR at 222.5 the bottom line is -32 deg beta from the bottom line at 219.46;
223.10	223.11	AS	0	at 223.1m 4 cm qz sh vn wh-gyl w ser pockets in vn w 1 cm ser halo and w alpha 65 and beta 320 w 2% 1-2 mm aspy in vn, selv and halo;
223.60	223.61	PY	0	223.6m set of two qz srt and vn crosscuttin? Blending together, max 3 mm apart mcg wh w chlor in margs, 2-5% ank in vn, w vugs and 3 mm long qz prisms in vn, w 2% py in vn, and 1 cm adjacnt zones w alpha 50 and beta 330;
224.30	224.40	PY	0	224.3-224.4m fractd and microfracs w 1-2% 1mm py diss along;
225.00	225.30	ASPY	0	225-225.3m serzd zone w qz string fg wh no ser halo but chlor zone w 2% 1-2 mm py and aspy 1 cm away from margs, w alpha 50; zone incld qz vfol, blebs w chlor-ank margs, also 5% qz-ank frac;
227.90	227.91	ASPY	0	227.9m qz-ser vn 3 mm thick irreg filling the frac w 5% ank in the middle zone w 1.5 cm ser halo, fg fad margs gyl- or w 1% 1 mm py and aspy in selv and halo, w alpha 65 and beta 000 (this measurment was taken as the bottom line at 228.6 was extrapolated uphole up to 227m; there was no red bottom line marked at 225.55m; the bottom line at 228.6m was extrapolated donwhole to 229m;)
228.50	228.95	AS	0	228.5-228.95m set of 8 qz-ser hair, strings and 5 vn from 3-10 mm thick, about 5mm-20 cm apart, w 1 cm ser halo fg wh faded margs w alpha 70 and beta 020; w 2% 1-2 mm aspy in vn, selv and halos; includes qz-50% ank fg str w alpha 45 and beta 060, no vis min and also crosscutt sinistr offset qz vn w alpha 55 and beta 180 (see pic); the lower vn contains tr-1% jam? Boul? Stib?;
229.00	229.25	ASPY	0	229-229.25m set of three hair py frac 1 cm apart at 50 deg TCA and set of 2 qz wh fg vn 3-5 m thick, no ser halo but 2% 1mm aspy and py in selv and adjacnt zones w alpha 55;
230.10	230.11	AS	0	230.1m 2 cm gylpul fg vn sh w 5 mm ser halo and 1% 1mmm aspy in selv and halo w alpha 70;

VEINS

mFrom	mTo	Vein1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
7.10	7.30	QZ	0	two bxd, qz meta zones moder-strn oxd, with vugs; these zones are at 7.1-7.3m and 8-8.25m; 2% po along foltn planes
8.00	8.25	QZ	0	two bxd, qz meta zones moder-strn oxd, with vugs; these zones are at 7.1-7.3m and 8-8.25m; 2% po along foltn planes
13.00	13.30	HM	0	oxid subintervals have ~5% oxd planar fracs, randomly orientd, hairline-stringer thick, fg oxid sulp in them; qz vfol,mfol and a few sheet vns have Feox along fracs and selv; all these vns are fmg, wh-orange, unless specfd;
13.50	14.00	QZ	0	qz vfol,mfol and a few sheet vns have Feox along fracs and selv; all these vns are fmg, wh-orange, unless specfd; 14m 3 cm qz vn, no vis fresh min, no vis halo; 13.5m three qz stringers, sheet, fg, randomly orntn w 4mm ank halo with oxd sulphs; 14m 4 mm qz vn, sheet w oxd margs;
14.20	15.00	QI	0	qz vfol,mfol and a few sheet vns have Feox along fracs and selv; all these vns are fmg, wh-orange, unless specfd; 14.2m 3 cm qz vn, fg, w 2% oxd sulph; 14.8-15m qz mfol,or-gyl, fractd, oxd, chlortd, oxid sulph beyond recognition;
15.80	16.30	HM	0	qz vfol,mfol and a few sheet vns have Feox along fracs and selv; all these vns are fmg, wh-orange, unless specfd; 15.8m planar oxid fract, 4 mm thick with oxd sulph, zeolites? Along the frac surface and 4 mm ank, bleached halo; 16m 2 1-2 cm thick qz vfol+chlor+oxd sulph; 16.2-16.3m 2 sheet qz vns, 4 mm thick with oxdz sulphs;
17.60	18.70	QI	0	qz vfol,mfol and a few sheet vns have Feox along fracs and selv; all these vns are fmg, wh-orange, unless specfd; 17.6-17.9m qz mfol, fmg, fractd, chlortd, vuggy, oxid sulphs, or-gyl; 18.6m qz sheet vn, 3 mm thick, fractd, oxid fg sulph and 2% of 2mm fresh aspy in vn, w 2 mm bleached halo, at 45 deg TCA; 18.7m 2 cm thick qz vfol as prev descrd;
19.20	19.80	QS	0	qz vfol,mfol and a few sheet vns have Feox along fracs and selv; all these vns are fmg, wh-orange, unless specfd; 19.2m 2 qz sheet vn, 3 mm thick, 2% 2 mm aspy in vn, selv and 1 cm zone away from margs, fmg, wh, at 45 deg TCA; one diff ornt qz-oxid vn, 2 mm thick, gyl w 2 mm oxd halo w 2% of fresh 2mm aspy in the adjac zone, at -50 deg TCA; 19.4-19.6m qz mfol as descrbd; 19.8m 40 cm qz wh-oxid fg vn, at 45 degTCA w oxd 3 mm halo, no vis fresh min;
24.40	24.41	QAS	0	24.4m 2 mm qz sheet vn w 2% 1-2 mm aspy in vn and selv, vn has oxid hairline frac in the center, fg, gyl-or, at 60 deg TCA;
24.50	24.92	QZ	0	qz mfol and vfol as prev descrbd at 24.5-24.92m, 31.9-32m, 32.9-33.1m; 24.7m 2 mm qz sheet vn no vis fresh min, 2% oxd sulphs;
26.00	26.05	QZ	0	26m 5 cm mass vn as prev descrb, at 60 deg TCA;
26.40	26.41	QZ	0	26.4m 2 mm wh fg sheet vn no vis sulph, at 60 deg TCA;
27.00	27.01	QZ	0	27m qz sheet 5 mm thick wh fg vn w oxd hairl frac in the center, no vis min at 60 deg TCA;
28.40	28.41	QZ	0	28.4m qz sheet 3 mm gyl, sinis offset 2 mm, 2% 2 mm py in vn, fg, vuggy;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
30.14	30.20	QZ	0	30.14m 5 mm qz sheet vn gyl-or, oxid hairlin frac in the center, fg, 3% 2 mm aspy in selvs, w 75 deg TCA;
31.60	31.61	QZ	0	31.6m 1 cm qz sheet vn, fg, wh-or, no vis min, well def oxid margs, at 65 deg TCA;
31.90	31.91	QZ	0	31.9m qz sheet str, 2mm thick fg no vis min, at 65 deg TCA;
31.91	32.00	QZ	0	qz mfol and vfol as prev descrbd at 24.5-24.92m, 31.9-32m, 32.9-33.1m
32.90	33.10	QZ	0	qz mfol and vfol as prev descrbd at 24.5-24.92m, 31.9-32m, 32.9-33.1m
33.20	33.40	QPY	0	33.2m set of 4 sheet vn, qz wh, vuggy, fg, 4 mm thick, 2 cm apart w 2% of oxd sulph (py) at 60 deg TCA;
33.84	33.85	QAS	0	33.84m qz sheet vn, 3 mm faded margs, and 1% 3mm aspy in the adjacnt zone
35.73	37.20	QS	0	chlor schist has about 10% qz vfol with oxid sulph in fracs, selvs; at 36.2m 1% 2mm aspy in qz vfol selvs;
37.20	37.50	QS	0	37.2-37.5m 60% qz vfol and one qz mfol ad prev descrbd, mfol is~4 cm thick, w 2mm oxid sulph in vn, selvs;
38.72	38.92	QI	0	38.72-38.92 set of two m 3 cm qz sheet vns, fg, wh-gyl, w 3% oxid sulph in selv and 3 cm bleahced, ser-ank halo, at 50 deg TCA;
39.57	41.00	QZ	0	silicd wkly oxd chlor-bio-gt?-musc schist w crenultn and local 1% 1-2 mm qz wh round eyes; silicf strong at 39.57-40.6m; musc strongly oxd schist at 42-42.8m (this subunit seems to have fainted 2% 1-2mm gy qz eye texture and 1% 1-2 mm diss aspy along fracs, foltn surfs and in qz vfol blebs selvs; 39.57-41m set of 6 qz sheet vns, 3-6mm, fmg, gyl-or,, spaced almost regularly at 50 cm scale; w 2% 1-2 mm oxdizd sulph+aspy in selvs; they tend to have faded margs and oxid central hairline frac, at 55 deg TCA;
41.00	42.80	QZ	0	silicd wkly oxd chlor-bio-gt?-musc schist w crenultn and local 1% 1-2 mm qz wh round eyes; silicf strong at 39.57-40.6m; musc strongly oxd schist at 42-42.8m (this subunit seems to have fainted 2% 1-2mm gy qz eye texture and 1% 1-2 mm diss aspy along fracs, foltn surfs and in qz vfol blebs selvs;
42.87	43.00	QZ	0	42.87-43m broken up qz and one qz sheet vn, 5 mm thick, wh, fract, no vis fresh min, at 55 deg TCA (as prev set);
47.00	47.10	QZ	0	47-47.1m qz mass? Vn wh, no vis fresh min, fg;
47.45	47.65	QZ	0	47.45-47.65m qz vfol as prev descrbd;
47.75	47.90	QZ	0	47.75-47.9m qz vfol as prev descrbd;
50.50	50.80	HM	0	50.5-50.8m 2% of 1-2mm py diss along and withn set of 7 oxd fracs, 2 mm wide, at 70 deg TCA;
52.60	53.10	QCL	0	50% qz vfol and mfol also at 52.6-53.1m;
54.16	54.36	QCL	0	intens silicfd, and oxidz, obliterated textures and 35% qz vfol and mfol as prev descrbd, incl 2% 2 mm aspy and py in ven fracs, selvs at 54.16-54.36m;
55.60	55.80	QAS	0	55.6m 19 cm thick sheet vn, ye-wh, 15% up to 1 cm aspy clustrs, fg, w alpha 70 and beta 235;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
56.80	56.81	QAS	0	56.8m qz sheet vn fg ye-wh, 2mm, w 10% 4mm aspy in vn, w alpha 53 and beta 187;
57.16	57.17	QAS	0	57.16m qz string 1 mm thick, wh, fg, fad margs, 3 mm ser margs and 2% 2 mm apy in vn and selv, w alpha 66 and beta 297;
58.11	58.40	QZ	0	58.11-58.58.4m qz vfol, discount as prev descdbd;
58.71	58.72	QS	0	58.71m qz vfol as prev descdbd, w 2% 1-2 mm po>py and aspy in selvs and along fracs within vn;
59.35	59.36	QPO	0	59.35m another qz vfol/mfol w 30% po aggr and clustrs up to 1-2 cm; 59.55m qz vfol w 1 % 1 mm aspy in selvs;
59.85	59.86	QS	0	59.85m qz mfol, gyl-wh patchily coloured, w 2% of 3-5mm po> 1-2mm py and aspy in fracs of vn and selvs and 1 cm from margs;
60.05	60.06	QPO	0	60.05m qz vfol and mfol as prev descdbd;
60.90	61.00	QPO	0	60.9-61m qz vfol as prev descdbd, and 1 qz sheet vn, 4 mm thick, faded margsno vis min, fg, gyl, w alpha 65 and beta 092;
61.40	61.41	QPO	0	61.4m qz mfol as prev descdbd w 3% po in blebs and aggr; foltn in vicinity w alpha 36 and betas 163;
62.30	62.80	QZ	0	62.3-62.8m set of 3 qz sheet vns at -45 deg TCA wrt foltn, about 5-40 cm apart, upper 2 mm thick, fad ser margs, fg grgl, no vis min, middle 7mm thick, w ank defin margs, vugs, gyl fmg, w 2 mm ser halo and lower one as the upper one;
62.80	63.10	QS	0	62.7-63.1m qz mfol, heav fracs, oxd along fracs w 5-8% of 2 mm aspy and py in fracs, chlor frags, ~15% of white fspar in clusters of 2 cm in diamter, filling vugs?; this fspar is also fracd and black material fills hairline fracs, but where these fracs get wider (2mm), the are filled w aspy, so perhaps the black fg material is aspy too;
63.40	63.80	QCLS	0	63.4-63.8m 75% qz mfol as prev descbrd, w 2% bleb po and py in fracs of vns, selvs and po assoctd w chlor;
64.40	64.60	QCLS	0	64.4-64.6m qz mfol w bl of 5% po in fracs and chlor frags selvs;
65.80	65.90	QC	0	65.8-65.9m set of 2 ank-qz planar, irreg fract, 2 mm wide w no vis min, no halo cutting across qz sheet vn, 3 mm thick w fad margs fg gyl, and 2% 2 mm aspy in vn and selvs, at 50 deg TCA;
66.20	66.40	QAS	0	66.2-66.4m 60% qz mfol w 2% 2mm aspy in selvs and loc ser 3mm zones in fracs of vns;
66.60	66.70	QAS	0	66.6-66.7m qz mfol w 2% 2 mm aspy in selvs;
73.30	73.44	QAS	0	73.3-73.44m mfol qz vn, wh fg, as prev described mfols w 5% of 1-3mm aspy in selv and fracs in marginal zones along veins contacts w host;
74.10	75.14	QC	0	74.1-75.15m is fractd, veind zone: set of 20 qz-ank string, hairline-2 mm thick, yel, fg, planar, subll, w no vis min, 80 deg TCA cutting across qz-ank vn ll CA, mg, w 3% 1-2 mm py in vn, selvs, 4mm thick and persistn for 10 cm; 20 cm thick qz mfol wh, oxid fracs as prev descbrd colour and grain, chlor+2% bl py and aspy in vn fracs and sevs;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
75.15	75.16	QPY	0	upper contact w lamprof at 75.15 is 50 deg TCA, chilled margin visible, 20 cm wide; loc subll alignmt of fspars and biot that sem to have pinching shape on one end; ser zone at the contact is 20 thick and set of 2 sheet qz vn, 2-5mm thick, that cause this ser halo; 35% 1 mm py in selv; about 5% qz blebs, fg gyl, 2 cm in avarage, elngtd also containd within;
77.40	77.41	QAS	0	77.4m qz mfol as prev desrbd, wh, fg, w 2% 1-2 mm aspy in selv, w 53 alpha;
77.60	78.20	QAS	0	77.6-78.78.7m 50% qz vfol over that subinterval and 3 qz sheet vns at 60 deg TCA, 2-6mm thick, with or without ser halo and 2% 1-2 mm aspy in selv and adjacnt zones to margs;
78.20	78.21	CC	0	at 78.2m, 3 cm cc irreg patch filling vug in qz mfol;
80.15	80.16	QPY	0	80.15m qz sheet vn, 3 mm thick, 20% cc, fmg, wh-gyl, 1% 1 mm py and aspy ion selv w 60 deg TCA;
80.75	80.76	QAS	0	80.75m two mass sheet vns at 60 deg and -60 deg TCA (hard to say as they are extrem thick, one is 6 cm and lower 10 cm thick, fg, wh, w 8% 2-3 mm aspy in selv and in the zone btwn 2% 1mm diss aspy;
81.02	81.03	QAS	0	81.02m qz sheet vn, fg, wh, 4mm thick, w 15% 2-3 mm aspy in vn and selv, w 54 deg TCA;
82.20	82.21	QAS	0	82.2m qz sheet vn fg wh-gy 4 mm w 2% 1-2 mm aspy in vn and selv, -55 deg TCA wrt to the following one at 82.33 at 55 deg TCA, looking as the previous one;
82.33	82.34	QAS	0	82.2m qz sheet vn fg wh-gy 4 mm w 2% 1-2 mm aspy in vn and selv, -55 deg TCA wrt to the following one at 82.33 at 55 deg TCA, looking as the previous one;
83.50	84.20	QCLS	0	83.5-84.2m 95% qz mfol w 2% po w chlor and py in selv;
88.20	88.21	QCS	0	at 88.2 2mm qz-ank sheet vn, fg, or-wh, 8% 3mm aspy in vn, at 50 deg TCA;
88.40	88.50	QZ	0	88.5-88.4m subll set of qz string w no vis minerzn, fg, wh, w alpha 40 and beta 070, spaced 5 mm apart;
92.90	93.20	QCLS	0	92.9-93.2m 60% qz mfol, as prev descrbd, w 2-3% 1-2 mm py in selv;
93.40	93.70	QCS	0	93.4-93.7m w qz-cc strings and hairline spaced at 5 mm scale w 2% 1 mm diss py in zones inbtwn;
95.15	95.16	QS	0	95.15m 2 sheet qz vn adjacnt to each other; upper VN: 1-1.5 cm thick, wh fmg w 20% of unk sulph, lead, bluis, 1mm in vn and 2% 2 mm aspy in selv and in 1 cm zone adjacnt to margs;
97.30	97.40	QS	0	97.3-97.4m 2 qz sheet vn, 1-2 cm thick, fg, wh, 2% 1-2 mm aspy in selv;
98.50	98.60	QPY	0	98.5-98.6m 10% 1 mm diss py in qz vfol selv and inbtween;
99.50	99.70	QPY	0	99.5-101.7m qz vfol and up to 10% 1 mm diss py along fracs, qz vfol selv
99.70	99.71	QAS	0	2 qz sheet vns at 99.7 m and 100.4m, upper qz 5 mm thick, fg fad margs, 2% 1 mm aspy in selv, at 45 deg TCA and lower 2 cm thick fmg, wh-or gyl, w 20% ank/cc and 8% 2-3mm aspy in vn and selv and 1 cm away zone;
100.40	100.41	QCS	0	2qz sheet vns at 99.7 m and 100.4m, upper qz 5 mm thick, fg fad margs, 2% 1 mm aspy in selv, at 45 deg TCA and lower 2 cm thick fmg, wh-or gyl, w 20% ank/cc and 8% 2-3mm aspy in vn and selv and 1 cm away zone;
101.60	101.90	PY	0	10% vfg-1 mm diss py in the fracs of host at 101.6-101.9m

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
102.00	102.20	QCLS	0	meta qz subintervals at 102-102.2m (fg, wh-gyl mfol with random orientd hairline fracs filled with dk, blackish material (chlor?), w chlor 2 mm host frags and 10% sulph (boulangerite?, lead like, 1 mm acicles along fracs in vns, 1-2mm aspy and py cxls
102.60	102.70	QCLS	0	102.6-102.7m (similar as prev with less 2% minrlzn as prev)
102.80	103.60	QS	0	102.8-106.4m (exterm poor recovery, fault zone with fragmnts of host incl frags of qz w 2% of boulang? as prev descdbd);
103.60	103.80	QCLS	0	103.6-103.8m (as prev w 3% minerzn as prev); the whole unit is heavily fracds, vnd, foltd and has a some kind of brecciatd appearance; fracs are hairline-2 mm qz-ank fracs, planar, irregular at various orientations,w no halos;
106.70	107.30	QS	0	two types of breccias; from 106.4-106.7m blackish-30% vfg diss py and 15% 1-2 mm qz rounded and ang grains (see pic) and from 106.7-107.3m w 90% 2-50 mm qz frags, subrounded, some part foltd and most of them angular (see pic of both breccias)
109.10	109.29	QCLS	0	109.1-109.3 qz mfol w black fracs as prev descrbd, w 3% 1-2 mm py,aspy and boulang? In fracs and selv+ have fracs adjacent ser qztite zone w 8% vfg py along fracs;
109.30	109.31	QCLS	0	meta qz vns wh, fg, ~2-3cm thick, 2% 1-2 mm py in chlor fracs and selv+ in soft schist unit, roughly regul spaced at 40 cm scale;
109.90	109.91	QS	0	109.9m two sheet qz vns, at 69 deg TCA, upper 5 cm thick, lower 2 cm apart, 1 cm thick, w 2 cm ser halo, wh, fg, trace boul? And 1-2% 1-2mm aspy in fracs of vn and selv+ and halo;
110.90	111.30	QAS	0	110.9-111.3m at upper end two qz irreg fract, somehow subll, 2 mm thick w fad ser halo, 5% 2mm aspy in vn, selv+ and adjacnt zones, they are 3 cm apart, fg, wh; set of 3 sheet qz vn, 4 cm apart, upper 2 mm thick, fg, gyl-wh, middle 1 cm thick fg gyl, and lower 2.5 cm gyl fg, chlor vn w chlr margs, all of them in ser halo and 2% 1-2 mm aspy, py and boul? In selv+, adjacent zones and fracs of vns;
111.50	112.50	QCLS	0	111.5-112.5m w 75% meta qz, mfol, as prev descdbd (chlor bits) and in ser zone, w 2-3% 1-2 mm aspy and py in fracs, string cutting vns, vn selv+ and adjacent zones;
113.20	113.21	QCLS	0	113.2m qz meta vn at 10 deg TCA;
113.60	113.85	QCLS	0	113.6-113.85m qz mfol and 2 qz sheet vns, upper 3 cm thick and lower 5 cm tick, 3 cm apart, wh, fg, vug, 66 deg TCA, with 1 cm ser halo and 2%1-2 mm aspy, boul? And py in fracs, selv+ and halo (aspy and py);
114.45	114.46	QAS	0	114.45m qz sheet vn wh fg, 1 cm ser halo, 2 cm thick,alpha 65 and 2-3% 1-2 mm aspy and py in selv+ and halo;
114.55	115.35	QWS	0	114.55-115.35m 3% ser planar hairline fracs w 5 mm ser halo and 2% 1-2 mm py and aspy in strin, hair and halo, 3 mm qz-20% cc vn, planar, fg, 30 deg TCA, w 2% 1-2 mm aspy and py in selv+ and 3 cm ser halo;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
115.90	116.50	QCLS	0	115.9-116.5m 50% qz vfol and mfol as prev descrbd, w 2% blebby po assoctd w chlor, 1-2% 1-2 mm aspy assoctd w ser pockets and in selv, no halo;
118.27	118.28	QCLS	0	118.27m upper zone (50% of the subunit) has qz breccia zone and the rest 85% qz mfol, and vfol w ser zones inbtwn; the breccia zone has a alpha 90 py stringer at the upper end, 2 mm thick, qz mfol and vfol as prev descrbd, but with distinct domint ser than chlor pockets and host frags, they are wh or gyl, w up to 10% py in frags, selv, 2% of 1-2 bl py, aspy and big blebs 1cm scale po assoctd w chlor; py and aspy and 1-2% boul?;
119.00	119.30	QCS	0	119-119.6m ser zone w 20% of hairlineqz-cc-ser frags and micorfracs w 2-5% vfg diss py along frags and 2% vfg aspy diss along frac, also in selv and ser halos; set of 3 qz sheetd vns 3 cm apart, 2-5mm thick, wh fg w 1% boul? Abd 2-3% 1-2 mm aspy, w alpha 60 and beta 180;
119.30	119.31	QZ	0	119.3 sheetd qzvn 1 cm thick faded margs, inn ser zone, fg wh, 1% boul?, mol?, bis? In hairline frags cutting perpend to margs, w alpha 75 and beta 020;
120.30	120.90	PY	0	120.3-120.9m ser zone 5% vfdiss py along frags and microfarcs, w 30% meta qz vfol and mfol is 7 cm thick w 15% 5mm aspy cxls aggr up to 1 cm in assoctn w ser; at a lower end qz-5% cc string planar, sheet, fg wh, w 2% 1-2 mm aspy and py in selv and 1 cm ser halo;
121.30	121.31	QCWM	0	121.3m ser-cc-qz hairl sheet frac w no vis min, 1 cm ser halo emenatng along foltn away from frac and w alpha 45 and beta 270;
121.60	121.61	QZ	0	121.6m qz vn, gyl, no halo, fg, no vis min, 4 mm thick w alpha 35 and beta 150;
122.60	123.10	QCLS	0	122.6-123.1m 5% qz vfol chlozr+2% bl po; 4 sheetd vn, 1-5cm apart, diff orientn, wh-gyl, fg, w 3-50 mm ser halo, from 2-20mm thick w 2% 1-2 mm aspy in selv and halos;
123.30	123.31	QPY	0	123.3m qz sheet vn, 3 mm thick, wh fg w 3-5 cm ser halo and 1-2 % 1-2 mm py cxls in selv and halo;
123.60	124.30	PY	0	123.6-124.3m ser zone with 5% 1 mm diss py, 4 vn randomly orientd, w no vis min; upper qz-cc-ser hairline, 2.upper fg gyl 2mm w 2 mm bleached zone, 3. 1 cm thickwh-gyl fg (all ~60 deg TCA) and lower 2 mm gy fg, 30 deg TCA, few cm apart, it also contains set of 3 sheet qz-ank srtns w no visb min inside but w 2% 1-2 mm aspy and py in away zones from margs;
124.40	124.41	QCWM	0	124.4m hairline ser-ank frac w no vis min, 2 mm ser halo and alpha 40 and beta 120;
124.97	124.98	QCWM	0	124.97m hairline ser-qz-min cc frac w 1 cm ser halo w no vis min, w alpha 70 and beta 340;
125.30	127.19	QZ	0	125.3-127.2m set of 12 sheet vn and hairl frags, 9 vn of 1 cm thick, wh, fad margs with ser zones where halo is hard to pick out or 5 cm halos, frags have 2-5 mm halos, not vis min in general, w alpha 75 and beta 020, spaced at 5-20 cm scale; another set of 4 hairln frags and one sheet vn 3mm thick, wh fg w 5% 2 mm aspy in vn, w ser halo as prev descrbd w alpha 80 and beta 040 30-40 cm apart; set of two hairl frags 5 cm apart w alpha 60 and beta 300; set of 5-6 hairl se-frags w 2 mmm halo w alpha 30 and beta 240, 10 cm apart; 3 frags about 5 mm apart w alpha 60 and beta 110;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
127.20	127.21	QZ	0	127.2m set of 4 sheet vn, 2-10 mm thic, slightly diff orient, crosscutiin eahc other, few mm apart, wh fg fad marges w 5 mm ser halo, no vis min, at 60 deg TCA;
127.21	128.30	SUL	0	127.2-129.3m fairly fractd unit with 2-8% fdiss py and 2% 1 mm aspy along frac and microfrac;
128.30	128.50	QC	0	from 128.3-129.3 set of 10 qz-cc strings w no halo, fg, wh-cream, about 3 cm apart w ser zone inbtwn BUT not emaneting from strings, strings appear to have "chlor" halo (negative of what has been prev descrbd), they are 71 deg TCA, foltn in the vicinity is 24 deg TCA;
128.50	128.51	QS	0	128.5 qz mass sheet vn part of the set wh fg, 6 cm thick, 2% aspy and py in selvs, no ser halo;
129.30	130.00	QS	0	129.3-130m 2 qz sheet mass vns, at 66 deg TCA; about 60 cm apart, 5 cm thick, w 20 cm ser zone w 5% aspy and py inselvs and halo, both fg wh,
130.40	130.41	QCLS	0	130.4m qz mfol w chlor, sr pockets and 5 cm patchy blebs of py assoct w chlor;
131.10	131.50	QCWM	0	131.1-131.5m set of 4 ser-cc-qz hairl frac 4 cm apart w alpha 42 and beta 229;
131.50	132.00	QAS	0	131.5-132m set of 2 qz sheet vn 2 and 10 mm thick w 1-2 mc ser halo, wh fg, w 2% 1-2 mm aspy in selvs and halo, about 15 cm apart, at 72 deg TCA;
132.00	132.30	QC	0	132-132.5m set of 3 qz-cc strings w 5 mm ser halo at 65 deg TCA, no vis min, 6 cm apart; set of 2 hair frac offseting the prev set by 2 mm, no vis min and halo at 35 deg TCA;
132.30	132.80	QZ	0	132.3-132.8m one sheet qz 2mm gy vn and few hairline frac w 1-10 cm ser halo w 2% 1-2 aspy in halo;
133.50	133.51	QCLS	0	133.5 m 5 cm mfol no vis min, 4 cm thick, fg wh;
134.61	136.26	QZ	0	134.61-136.26m a fault zone?, broken rubly core, strng ser, vn, 2% vfg diss py in frac;
136.70	136.90	QCS	0	136.7-136.9m offset by 2 mm qz-cc sheet vn, fmg, 3 mm thick, wh-crem, 7 mm ser halo, 6% 1-2mm aspy in selvs anmd halo, at 45 deg TCA, 2 cm apart is qz sheet vn, mass 12 cm thick, w no vis min and ser halo, at 66 alpha and fg wh;
137.70	138.70	QCS	0	137.7-138.7m set of 2 sheet vns, qz-cc, wh, upper 3 cm thick, lower 2 mm thick, at 70 deg TCA, 4 cm apart w no halo, fg, w 3% 2-3mm aspy and py in vns and selvs, both are croscutt by cc-minor qz string, subll TCA, also w 2 mm aspy in it; anotehr 6 string-hairline planar vn and frac, some w cc-min qz, about 10 cm apart, no ser halo, some min w aspy, some no vis min, at 35 or -35 deg TCA, at the end of this subunit there is qz vfol/mfol, about 10 cm thcik, w chlor+5-10mm bl po;
138.80	139.60	QCS	0	138.8-139.7m set of three qz-40 cc strngs w no ser halo and 5% 4 mm aspy in vn, about 10 cm apart, at 63 deg TCA;
139.60	140.00	QCLS	0	139.6-140m qz mfol zone w 70% of qz, chlor+po blebs as prev descrbd;
140.00	140.50	QCS	0	140-140.5m set of three qz-40%cc sheet vn, about 5-40 cm apart, 2 mm thick, w 1-2 mm aspy in vn, no halo, at 71-63 alpha and 194-188 beta (alpha and beta can be extrapolated to the prev set uphole (from 138m);

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
140.50	140.90	QCLS	0	140.5-140.91m qz mfol w chlor and po as prev descrbd, also contains serd pockets and 2% 2 mm aspy cxls assoctd w them;
140.90	142.30	QCLS	0	140.9-144.65m 75% metaqz mfol and vfol as prev descrbd w po and aspy, ser and chlor as prev decsbd; STRUCTURE CORRECTIONS: from 140-146.3m is as it is; bottom line at 146.3m is offset 180 deg from the prev bottom line; 146.3m bottom line was not extrapolated; the core from 146.3-149.35 was extrapolated from the bottom line at 149.35m; bottom line at 149.35m was not extrapolated and is offset by counterclockwise -95 beta degrees from the bottom line at 152.4m; the core from 149.35m-152.6m has bottom line from 152.4m;
142.30	142.31	QCS	0	142.3m one sheetd vn 1 cm thick, qz-30% cc, wh-cream fmg, w 5% 1- 2mm py and 1% 1mm aspy in vn and selvs, w 2 cm thick ser-ank halo, w alpha 60 and beta 160;
143.80	143.81	QCS	0	143.8m 2 mm qz-40% cc vn w 2% 2 mm aspy in vn and selvs, cream, fg, alpha and beta as prev, irreg but planar, no ser halo;
144.30	144.31	QAS	0	at 144.3m 2 qz sheet vn, 1 cm apart, uppr 1 cm thick wh fg, 1 cm ser halo, lower 2 mm thick, w 2% 1-2 mm aspy in selv and halo w alpha 60 and beta 160;
145.00	145.30	QW	0	145-145.3m set of few hairline ser fracs w alpha 45 and beta 090 w 2mm ser halo and no vis min;
146.20	146.21	QS	0	146.2m set of 2 qz sh vns wh-gyl fg 5 cm apart w alpha 80 and beta 180 and 2% 1-2 mm aspy and py in selvs and in 5 cm ser halo;
147.15	147.16	QC	0	147.15m qz-ank offset 1mm string ye-crem fg w no vis min and halo w alpha 40 and beta 100;
147.60	147.70	QCLS	0	147.6m-147.7m qz meta vfol as prev descrbd, w set of 2 sh strings 5 cm apart, 60 deg TCA w 1 cm chlor halo and outer 5 mm ser halo, wh fg, 5% bl aspy in vn;
148.50	149.35	QCWM	0	148.5-149.35 set of three ser zones 5-10 cm thick, 10 cm apart caused by sets of qz-ser-ank hair fracs and strings- the uppr has a set 3 4 cm apart w no vis min w alpha 60 and beta 110; the middle set of two and lower set of 2 has alpha 40 and beta 250;
149.75	149.76	QCWM	0	149.75m set of 5 qz-ser -min ank strings w 3 mm ser halo, 2 cm apart w no vis min and alpha 25 and beta 140;
150.30	150.50	QCWM	0	150.3-150.5m two sets of two ser-qz-ank strings, 2-10 mm ser halo, no vis min, fmg, wh-grl upper w alpha 30 and beta 130 and lower w alpha 60 and beta 330;
150.90	151.00	QWS	0	150.9-151m upper 1.2cm qz sh vn fg gyl 5 mm ser halo w alpha 65 and beta 300, boul trace in vn along fracs and 2% 1-2 mm aspy in sev and halo, 12 cm to low dir qz-ser str fg 1mm ser halo no vis min w alpha 65 and beta 050;
151.30	151.90	QCLS	0	151.3-151.9m 5 cm ser zone in the upper end and 45% qz vfol in the rest of subunit wh-pul intermingl fg chlor;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
155.50	156.65	QWS	0	155.5-156.65m set of 7 qz-ser-min ank or cc sh strng, some w fad margs, 2 mm ser halo and 2% 2 mm aspy>py in sevs and halos and adjacnt 1 cm zones away from margs, 5-20 cm apart and w alpha 65 and beta 340;
156.65	157.80	QWS	0	then litho changes from 156.65-157.8 and there is only one such a string and 20 cm to low dir a similar strn w alpha 25 and beta 020;
157.80	158.40	QWS	0	157.8-158.5m more qz rich litho, the same set asp descrbd above, w 5 stringabout 5-30 cm apart; STRUCTURE CORRECTION at 158.5m bottom line is off by -36 deg beta from the bottom line measured from 155.45m; 161.54m bottom line is offset by -45 deg from the bottom line at 158.5m; 164.59m bottom line is offset by +20 deg beta from bottom line at 161.54m;
158.40	159.50	QCLS	0	158.4-159.59m sets of 3 qz meta zones at the beg, middle and end of this subunit w chlor, 2% bl po as prev descrbd
159.50	159.51	QCS	0	159.5 qz-15% cc fmg sh vn 5mm thick faded margs, 3 cm ser zone and 5% of 1-3mm aspy in vn,selv and halo w alpha 55 and beta 350;
160.40	160.41	QCLS	0	160.4m qz mfol fg whgyl w chlor 5% bl po+chlor and py in fracs of vn;
160.50	160.70	QWS	0	160.5-160.7m qz--min cc- ser strin w 5% 1-3mm aspy in strnand 5 cm ser halo w alpha 55 and beta 020;
161.40	162.30	QWS	0	161.4-162. 3m set of two qz planar vns, 90 cm apart, 2 mm thick fmg gyl w 1 cm ser halo w 2% 1-2 mm aspy and py in halo w alpha 30 and beta 020;
162.70	163.60	QWS	0	162.7-163.6m set of 14 qz-ser strngs, w upper qz wh fmg 1 mc thichk vein w up to 5 cm ser halo, spaced at 1-5 cm scale, some of them w up to 30% cc and 2% 1-2 mm aspy and up to 10% 1-2 mm py in halos and selvs w alpha 70 and beta 020;
164.00	164.30	QWS	0	164-164.3m set of 3 qz-ser-min cc strng as descrbed above w up to 5% of 1-2 mm aspy in the adjacnt 2 cm zones without halo (restricted to 1-2mm) at the same alpha and beta, spaced4-6 cm spaced;
165.40	165.90	QCS	0	165.4-165.9m set of two qz-20% cc upper string and lower 1 cm gyl fg sh vns,w alpha 70 and beta 020 w up to 6 cm adjacn zone w 10-15% 1-2mm aspy in vn, selvs, 1 cm ser halo and adjacnt zones;
166.70	166.71	QCS	0	166.7m qz-15% cc fmg str w 2% 2 bl po and py in vn, no halo wh gyl w alpha 30 and beta 063; STRUCTURE CORRECTN at 167.64m the bottom line is -2 deg beta offset from the bottom line above;
170.20	170.21	QWS	0	170.2 qz -ser sh vn 3 mm thick w 2 cm ser halo, gy fg, w 10% 1-2% 3mm aspy in vn, sev and halo w alpha 52 and beta 335;
170.59	170.60	AS	0	170.59m aspy string w ser 2 mm halo and alpha 65 and beta 005;
171.10	171.70	QWS	0	171.1-171.7m incl 3 qz-ser string 2-5 cm apart w 5 mm ser halo and w 7% 1-2 mm aspy in str and 3% 1 mm aspy in halo w alpha 61 and beta 012; w 2% wis po along foltn;
171.75	171.81	QWS	0	171.75-171.81m qz fg sh pul vn 4 mm thick w alpha 75 and beta 000 w ser 5 cm zones w 6% 1-2 mm aspy in selvs and halo, 1% bl po and py in halo;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
171.90	172.20	QAS	0	another chlor-bio dk interval fg, foltrn obliterated is from 171.9-172.4m and incl at the upper end one qz sh vn 6mm thick non halo fmg gylwh w 1% 1-2 mm aspy in selv w alpha 69 and beta 341 and
172.20	172.40	QW	0	from 172.2-172.4m set of 4 subll ser-qz hairline fracs w no vis min, 1 mm ser halo, 5-6 cm apart, w alpha 25 and beta 030; STRUCTURE CORRECTNS at 170.69 the bottom line is -16 deg beta off from the bottom line at 167.64; at 173.74 the bottom line is -8 deg beta off from bottom line at 170.69;
172.70	172.71	QWS	0	172.7m qz sh vn fmg gylpul no ser halo w 3% 1-2 mm py and aspy in vn and selv and 3 cm in adjcnt zones w alpha 45 and beta 330; this unit contain s alos up to 1% wis po in foltn;
174.30	174.40	QS	0	174.3-174.4m set of two qz sh vns 8 cm apart, upper: gyl fg vn w wh qz margs no ser halo, actually 5 mm chlor halo w 6% 2 mm aspy along gyl and wh qz and in selvs and in 1cm adjcnt zone, lower is qz strng w descptn as prev, both w alpha 73 and beta 335;
175.00	175.01	QAS	0	175m qz strng fg gyl no ser halo, w 3% 1-2 mm aspy in string and 1 cm adjacent zone, w alpha 50 and beta 034;
175.10	175.50	QWS	0	175.1-175.5m 3 qz-aspy vns 5-20 cm apart: upper is wh fmg 5mm thick irreg w 3% 1-2mm aspy in vn and 2 cm adjcnt zone, w 2 cm ser halo; middle one qz-20% ank fmg cream strng 3mm thick w no halo and no vis min w alpha 35 and beta 040; lower one is qz gyl fg 3 mm thick w 2% 2mm aspy in selvs and 1% 1 mm aspy in 5 cm ser halo w alpha 80 and beta 300;
177.50	177.60	QWS	0	177.5-177.6m set of two qz hair fracs w 5-10 mm ser halo, 10 cm apart w 3% 1-2mm aspy and 5% 1-2 mm py in halos, at 45 deg TCA;
178.70	179.30	QWS	0	178.7-179.3m 3 sets of 2 qz sh vn 2-4mm thick, vns 2cm apart, set 30 cm apart; vn are fg qz-ser-minr ank w 3 mm ser halo, at 45 deg TCA, wh-cream w 1% of 1 mm aspy in selvs and halos; wherever the 1 cm chlor zone appears it is common to find 2% of bleby po in it;
179.90	182.40	QWS	0	179.9-183.2m set of 15 qz sh vn 2-4mm thcik w 1 cm ser halo, fg wh faded margs, w 2% 1-3 mm py and aspy in vn, selvs, halo and w alpha 60 and beta 000, thed are 5-50 cm apart;
182.40	182.41	QZ	0	182.4m 2 cm thick qz wh sh fg vn w no vis min fad margs w alpha 50 and beta 340; the whole interval can contain up to 2% vfdiss py in fracs and microfracs
184.60	185.93	QZ	0	184.6-185.93m set of 8 qz ser strings as prev descrb in lampro and ser schist above, spaced 2-80 cm; STRUCTURE CORRECTION at 185.93m bottom line is +10 deg Beta from the bottom line at 182.88m;
186.25	187.00	QWS	0	186.25-187m another (very likely the same set as prev) is of 6 qz-ser sh vns as pfrev descrbd, about 3-20 cm apart, w 1% 1mm aspy in selv and sser halos w alpha 65 and beta 000; the whole intervals can contain up to 2% vfd py in fracs and microfracs
187.10	187.40	QWS	0	at 187.1-187.4m incl 4 qz-ser string and vns wh fg w 1 cm ser halo w up to 3% 1-3mm aspy in vn, selvs and halos, one of them is at alpha 55 and beta 330;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
188.30	189.10	QWS	0	188.3-189.1m ser-chlor silicd subunit w set of 15 qz-ser hairline fracs spaced at 1-2 cm scale w alpha 55 and beta 330 w 2% 1-2 mm aspy and py inbtwn them and in them, on eof them is 1 cm thick gy-5% cc qz sh vn; the rest of the interval can have 1-2% 1 mm py vfd in fracs and microfracs;
189.10	189.40	QCS	0	189.1-189.4m set of 3 qz-cc-ser sh vn irreg mg, wh-grl at alpaha 55 and beta 330 and 2% 1-2 aspy in vn selvs and adjacnt 2 cm zones; zones can contains up to 10% 1mm vfd aspy and py;
190.00	190.05	QWS	0	190-190.05m qz irreg vn 3 cm thick w ser zones around and up to 30% 4-5mm aspy in vn,selvs and fdiss in adjacnt zones;
190.15	190.30	QCS	0	190.15-190.3m set of 3 qz-20% cc sh vns. 3 mm thick, 5 cm apart, w 5 mm ser zones w fad margs and 2% 1-2 mm aspy and py in selvs and adjcan halo, w alpha 55 and beta 330;
190.75	191.00	QWS	0	the same set continues from 190.75-191m w 7 qz ser sh vns 2-5 cm apart w up to 3% 1-2 mm aspy, alpha 55, beta 330;
191.00	191.15	QWS	0	191-191.15m set of two qz-ser hairlin fracs w 1% 1 mm py and aspy in ser halos and alpha 45 and beta 200;
191.60	192.00	QWS	0	191.6-192m the same set w 3 qz-ser sh vn, about 2-10 cm apart; another set of 2 ser-qz hairline fracs w 1% 1mm aspy in 2 mm ser halo w alpha 25 and beta 200;
192.30	192.31	QCS	0	192.3m one qz-20% cc sh vn fg wh-gyl, w 2% 2 mm aspy in vnw alpha 55 and beta 330, no ser halo;
192.77	193.00	QWS	0	192.77-193m set of 6 qz sh vn and strngs wh fg fad margs w 5 mm ser halo w 1% 1mm aspy, w alpha 54 and beta 314; as usal 1-2% bl po in met qz which is ~1% in the entire unit;
193.50	194.20	QWS	0	193.5-194.2m serd zone w set of 3 qz-ser strn w up to 1% 1 mm aspy in selvs and 5 mm halo, string 2 cm apart w alpha 63 and beta 320; includes also qz sh vn 4 mm thick fg gyl-wh w tr boul and 3% 1-2 mm aspy in selvs and 5 mm ser halo w alpha 84, beta 020; incls also ank string fg no vis min w alpha 40, beta 210;
194.60	194.85	QCS	0	194.6-194.85m another serzd zone w qz-ank strn w tr aspy and py in adjacnt zones w alpha 54 and beta 245; includs also qz strn w 1% 1 mm aspy in selvs and 5mm adcnt zone no ser halo;
195.00	195.01	QWS	0	195m qz ser vn wh fg faded margs 3 mm thick w 5 mm ser halo and 1% 1 mm aspy and py in nselvs an d halo w alpha 61 and beta 289; STRUCTURE CORRECTIONS at 195.07 the bottom line is -49 deg beta from the bottom line from the above; the bottom line from 195.07m continues through 198.12 as the core can be matched but it lacks the red bottom line and detto for 201.17m and detto for 204.22m and goes to 207.26m where the new bottom line starts;
195.47	195.48	QCS	0	at 195.47m qz-40% ank str w 2 mm ser halo w 1% 1mm aspy in selvs and halo, cream fg, w alpha 55 and beta 177;
196.19	196.79	QWS	0	196.19-196.79m serzd zone w set of 12 qz-ser hairline and one qz sh vn fg wh 5 mm thick , 4-10mm spaced, w alpha 55 and beta 177, the whole zone contains 1-5% 1-2mm aspy and py in vn selv and in fracs and microfracs, some fracs of te set can contain up to 15% 2 mm py;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
197.15	197.16	QCS	0	197.15m qz-20% cc fmg wh-gyl faded margs, 4 mm thick, 3 cm ser halo w 2% 1-2 mm aspy in selv and halo and w alpha 50 and beta 334;
198.45	198.46	QCS	0	198.45m qz-cc vn sh w 2 mm cc concentratd in the central part of the vein, 1 cm thick vn, qz is fg and gyl, 2 mm ser halo w 1% 1 mm aspy and boul? In vn along perpdc fracs to vn margs, in selvs w alpha 80 and beta 112; in general 1-2% wis po along foltn in the unit as usual;
199.20	199.30	QCS	0	199.2-199.3m set of two qz-20%cc sh strngs fg gyl-wh w 2 cm ser halo and 7% (upper) and 3% (lower) 1-2mm aspy and py in selvs and halo, w alpha 54 and beta 330;
200.30	200.31	QWS	0	200.3m qz-ser strn wh, w 1 cm ser halo fg w 3% 1-2 mm aspy in selv and halo, w alpha 54 and beta 315;
202.00	202.01	QWS	0	202m qz-ser irreg vn 3 mm thick grgl fg 60 deg TCA w no vis halo but 1% of 1-2 mm aspy and py in adjacnt zones up to 4 cm away from margs;
202.50	202.51	QWS	0	202.5 qz ser planar strng gy w 1 cm ser halo w 1-2% 1-2 mm aspy and py in selvs and halo w alpha 20 and beta 017;
204.00	204.01	QWS	0	204m the same vn style and min and orientn, but seems to have 2 cm chlor halo followd by 1 cm ser halo;
204.55	204.85	QWS	0	204.55-204.85m serzd zone due to set of 3 qz-ser strngs fg cream w 3% 1 mm py and 1 % 1mm aspy in selv and adcnt zones that seem to be weakly sertzd w alpha 56 and beta 317; zone inclds also a qz ser hair strng w 3% 1-2 mm py and aspy in vn, selv and 1% 1 mm aspy and py in away zones w alpha 15 and beta 011;
205.00	205.01	QWS	0	205m 2.5 cm thick qz sh vn wh fg w 10 mm ser halo w tr boul in vn, 2% 1-2 mm py and aspy in selvs and halo w alpha 79 and beta 291;
205.10	206.00	QWS	0	205.1-206m set of 5 ser hairline fracs w 2 cm ser halo w up to 2% 1 mm aspy in halo and about 1-30 cm apart w alpha 50 and beta 220; in general po shows up to 2% wis in foltn; STRUCTURE CORRECTION at 207.26m the bottom line is -71 deg beta from the above bottom line and extraploated down to 212.5m (not a woodn blocklocation); from 212.6 (not a wooden block loctn) the bottom line is extrapolated from the 216.41m and continuing to 210.31m (with no red bottom mark) , also continuing through 213.36m where it ignores the red bottom line (that is offset from the 216.41m by +10 deg beta;
208.25	208.26	QCS	0	208.25m qz-20% cc wh gyl string planar w 1 cm ser halo tr py and 2% 1-2 mm aspy in halo and selvs w alpha 16 and beta 044;
208.60	208.61	QWS	0	208.6m 4 cm thick qz fg wh sh vn w 5 cm ser halo w 2% 1-2 mm boul? In fracs, 4% 1-2 mm aspy and py in selvs and halo, w alpha 50 and beta 333;
209.40	209.41	QWS	0	209.4m qz wh fg strng w 5 mm ser zone w 1% 1 mm py in halo w alpha 58 and beta 336;
210.15	210.16	QWS	0	210.15m qz 2mm strng wh fg w 1% 1-2 mm py and aspy in vn and selv, faded margs 2 mm ser halo w alpha 58 and beta 336;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
210.36	210.37	QWS	0	210.36m 6.5cm thick sh qz vn wh fg, w 1 cm ser halo w tr to 2% 1-2 mm boul and 1-2mm aspy and py in slevs and halo w alpha 51 and beta 336; anotehr qz gyl fg strn w 2% 1mm aspy in selvs and 1mm ser halo w the same orientn at 211m; foltn at 212m w alpha 30 and beta 135;
212.30	213.16	QCS	0	212.3-213.16m ser zone: set of 16 qz-ank strn and ank hairline fracs orange fg 5mm-10 cm apart w alpha 65 and beta 327, w 1%-50% 1-3mm aspy in strings and away zones; includes qz-30% ank vn 5 mm thick fmg gyl-orng 1-2 1mm aspy in selvs and away zones w alpha 52 and beta 262; includes 2 cm thick qz sh wh vn fg w 5 mm bleached zone, tr boul and 1% 1 mm aspy in selvs and away zone w alpha 46 and beta 326;
214.00	215.70	QCLS	0	214-216.7m 3% qz vfol and mfol w chlor+po as usual;
215.70	215.71	QWS	0	215.7m 1 cm thick wh fg qz sh vn w fad margs and 5 cm ser halo w 1% 1 mm aspy in halo w alpha 52 and beta 262;
216.80	216.90	QWS	0	216.8-216.9m set of two qz sh vns upper strng and low 6 mm thick vn 5 cm apart, w 1 cm ser halo, wh fg, fad margs, 1% 1 mm aspy in halo and w alpha 74 and beta 347; po assoct w chlor as usually
217.50	218.40	QS	0	mass qzvn w trace py and aspy in fracs of vn and selvs
218.40	219.46	QWS	0	218.4-219.46m set of 13 qz-ser hailrine-stringer to vn5 mm thick, fad margs, fg gyl, w 5 mm ser halo, about 1-20 cm apart w 1-60% 1-3 mm aspy in vn, selvs and halo and 1-2% 1-2mm py in halos w alpha 65 and beta 010; STRC CORR at 219. 46m the bottom line is +22 deg beta from the prev bottom line;
219.70	219.71	QPY	0	219.7m qz vn 3 mm thick fad margs wh fg w 5 mm halo 2% 1mm py in halo and w alpha 60 and beta 320;
220.20	220.22	QWS	0	220.2m qz sh vn 2 mm thick fmg, wh-gyl, w 1 % 1mm aspy in selv and 2 mm halo w alpha 40 and beta 020;
220.30	220.40	QWS	0	220.3-220.4m set of two qz-ser strn fad margs, 5 mm ser halo fg gyl 1% 1mm aspy in halo and alpha 60 and beta 320;
222.45	222.50	QS	0	222.45-222.5m mass qz vn fg wh w alpha 50 and beta 320 w 1-2% 1-2 mm aspy in 1 cm ser halo; STRUC CORR at 222.5 the bottom line is -32 deg beta from the bottom line at 219.46;
223.10	223.11	QWS	0	at 223.1m 4 cm qz sh vn wh-gyl w ser pockets in vn w 1 cm ser halo and w alpha 65 and beta 320 w 2% 1-2 mm aspy in vn, selvs and halo;
223.60	223.61	QCS	0	223.6m set of two qz srt and vn crosscuttin? Blending together, max 3 mm apart mcg wh w chlor in margs, 2-5% ank in vn, w vugs and 3 mm long qz prisms in vn, w 2% py in vn, and 1 cm adjacnt zones w alpha 50 and beta 330;
224.10	224.11	QCLS	0	at 224.1m qz vfol fg wh w chlor and po as prev descrbd;
224.30	224.40	PY	0	224.3-224.4m fractd and microfracs w 1-2% 1mm py diss along;
225.00	225.30	QS	0	225-225.3m serzd zone w qz string fg wh no ser halo but chlor zone w 2% 1-2 mm py and aspy 1 cm away from margs, w alpha 50; zone incld qz vfol, blebs w chlor-ank margs, also 5% qz-ank fracs;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
227.90	227.91	QWS	0	227.9m qz-sewr vn 3 mm thick irreg filling the frac w 5% ank in the niddle zone w 1.5 cm ser halo, fg fad margs gyl or w 1% 1 mm py and aspy in selvs and halo, w alpha 65 and beta 000 (this measurment was taken as the bottom line at 228.6 was extrapolated uphole up to 227m; there was no red bottom line marked at 225.55m; the bottom line at 228.6m was extrapolated donwhole to 229m;)
228.50	228.95	QWS	0	228.5-228.95m set of 8 qz-ser hair, strings and 5 vn from 3-10 mm thick, about 5mm-20 cm apart, w 1 cm ser halo fg wh faded margs w alpha 70 and beta 020; w 2% 1-2 mm aspy in vn, selvs and halos; includes qz-50% ank fg str w alpha 45 and beta 060, no vis min and also crosscutt sinistr offset qz vn w alpha 55 and beta 180 (see pic); the lower vn contains tr-1% jam? Boul? Stib?;
229.00	229.25	PY	0	229-229.25m set of three hair py fracs 1 cm apart at 50 deg TCA and set of 2 qz wh fg vn 3-5 m thick, no ser halo but 2% 1mm aspy and py in selvs and adjacnt zones w alpha 55;
230.10	230.11	QWS	0	230.1m 2 cm gylpul fg vn sh w 5 mm ser halo and 1% 1mmm aspy in selvs and halo w alpha 70;

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
18.60	18.61	VN	0	18.6m qz sheet vn, 3 mm thick, fractd, oxid fg sulph and 2% of 2mm fresh aspy in vn, w 2 mm bleached halo, at 45 deg TCA;
19.20	19.21	VN	0	19.2m 2 qz sheet vn, 3 mm thick, 2% 2 mm aspy in vn, selv and 1 cm zone away from margs, fmg, wh, at 45 deg TCA; one diff ornt qz-ozd vn, 2 mm thick, gyl w 2 mm oxd halo w 2% of fresh 2mm aspy in the adjac zone, at -50 deg TCA;
19.80	20.20	VN	0	19.8m 40 cm qz wh-oxd fg vn, at 45 degTCA w oxd 3 mm halo, no vis fresh min;
24.40	24.41	VN	0	24.4m 2 mm qz sheet vn w 2% 1-2 mm aspy in vn and selv, vn has oxid hairline frac in the center, fg, gyl-or, at 60 deg TCA;
26.00	26.05	VN	0	26m 5 cm mass vn as prev descrb, at 60 deg TCA;
26.40	26.41	VN	0	26.4m 2 mm wh fg sheet vn no vis sulph, at 60 deg TCA;
27.00	27.01	VN	0	27m qz sheet 5 mm thick wh fg vn w oxd hairl frac in the center, no vis min at 60 deg TCA;
30.14	30.20	VN	0	30.14m 5 mm qz sheet vn gyl-or, oxid hairlin frac in the center, fg, 3% 2 mm aspy in selvs, w 75 deg TCA;
31.60	31.70	VN	0	31.6m 1 cm qz sheet vn, fg, wh-or, no vis min, well def oxid margs, at 65 deg TCA;
31.90	31.91	VN	0	31.9m qz sheet str, 2mm thick fg no vis min, at 65 deg TCA;
33.20	33.40	VN	0	33.2m set of 4 sheet vn, qz wh, vuggy, fg, 4 mm thick, 2 cm apart w 2% of oxd sulph (py) at 60 deg TCA;
38.72	38.92	VN	0	38.72-38.92 set of two m 3 cm qz sheet vns, fg, wh-gyl, w 3% oxid sulph in selv and 3 cm bleahced, ser-ank halo, at 50 deg TCA;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
39.57	41.00	VN	0	39.57-41m set of 6 qz sheet vns, 3-6mm, fmg, gyl-or,, spaced almost regularly at 50 cm scale; w 2% 1-2 mm oxdizd sulph+aspy in selv; they tend to have faded margs and oxid central hairline frac, at 55 deg TCA;
42.87	43.00	VN	0	42.87-43m broken up qz and one qz sheet vn, 5 mm thick, wh, fract, no vis fresh min, at 55 deg TCA (as prev set);
49.90	49.91	FOL	0	foltn at 49.9m is 40 deg TCA;
50.50	50.80	FRA	0	50.5-50.8m 2% of 1-2mm py diss along and withn set of 7 oxd fracs, 2 mm wide, at 70 deg TCA;
55.60	55.80	VN	0	55.6m 19 cm thick sheet vn, ye-wh, 15% up to 1 cm aspy clustrs, fg, w alpha 70 and beta 235;
57.16	57.17	VN	0	57.16m qz string 1 mm thick, wh, fg, fad margs, 3 mm ser margs and 2% 2 mm aspy in vn and selv, w alpha 66 and beta 297;
60.90	61.00	VN	0	60.9-61m qz vfol as prev descrb, and 1 qz sheet vn, 4 mm thick, faded margsno vis min, fg, gyl, w alpha 65 and beta 092;
61.40	61.41	FOL	0	61.4m qz mfol as prev descrbd w 3% po in blebs and aggr; foltn in vicinity w alpha 36 and betas 163;
62.30	62.80	VN	0	62.3-62.8m set of 3 qz sheet vns at -45 deg TCA wrt foltn, abpout 5-40 cm apart, upper 2 mm thick, fad ser margs, fg grgl, no vis min, middle 7mm thick, w ank defind margs, vugs, gyl fmg, w 2 mm ser halo and lower one as the upper one;
63.30	63.31	FOL	0	63.3m fotn w alpha 42;
65.80	65.90	VN	0	65.8-65.9m set of 2 ank-qz planar, irreg fact, 2 mm wide w no vis min, no halo cutting across qz sheet vn, 3 mm thick w fad margs fg gyl, and 2% 2 mm aspy in vn and selv, at 50 deg TCA;
66.50	66.51	FOL	0	foltn at 66.5m 35 deg TCA;
69.00	69.01	FOL	0	foltn at 69 is 12 deg TCA;
71.20	71.21	CON	0	CON is code for a contact, not for a convoluted bedding; 71.12m contact btwn more qzose subunit (50 cm thick) and dark chlor-bio unit at 40 deg TCA;
71.83	71.84	CON	0	CON is code for a contact, not for a convoluted bedding; another contact between these two units at 71.83m is at 50 deg TCA;
72.80	72.81	FOL	0	72.8m foltn w 19deg TCA;
74.10	75.14	VN	0	74.1-75.15m is fractd, veind zone: set of 20 qz-ank string, hairline-2 mm thick, yel, fg, planar, subll, w no vis min, 80 deg TCA cutting across qz-ank vn ll CA, mg, w 3% 1-2 mm py in vn, selv, 4mm thick and persistn for 10 cm; 20 cm thick qz mfol wh, ox
75.15	75.16	CON	0	CON is code for a contact, not for a convoluted bedding; upper contact w lamprof at 75.15 is 50 deg TCA, chilled margin visible, 20 cm wide; loc subll alignmt of fspars and biot that sem to have pinching shape on one end; ser zone at the contact is 20 th

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
76.90	76.91	CON	0	CON is code for a contact, not for a convoluted bedding; lower contac at 67 deg TCA w 2 1 cm elnged ser pockets and 5 mm chilled marg
77.40	77.41	VN	0	77.4m qz mfol as prev desrbd, wh, fg, w 2% 1-2 mm aspy in selvs, w 53 alpha;
77.60	78.78	VN	0	77.6-78.78.7m 50% qz vfol over that subinterval and 3 qz sheet vns at 60 deg TCA, 2-6mm thick, with or without ser halo and 2% 1-2 mm aspy in selvs and adjacnt zones to margs;
79.60	79.61	FOL	0	79.6m foltn w alpha 55 and beta 167;
80.15	80.16	VN	0	80.15m qz sheet vn, 3 mm thick, 20% cc, fmg, wh-gyl, 1% 1 mm py and aspy ion selvs w 60 deg TCA;
80.75	80.76	VN	0	80.75m two mass sheet vns at 60 deg and -60 deg TCA (hard to say as they are extrem thick, one is 6 cm and lower 10 cm thick, fg, wh, w 8% 2-3 mm aspy in selvs and in the zone btwn 2% 1mm diss aspy;
81.02	81.03	VN	0	81.02m qz sheet vn, fg, wh, 4mm thick, w 15% 2-3 mm aspy in vn and selvs, w 54 deg TCA;
82.20	82.21	VN	0	82.2m qz sheet vn fg wh-gy 4 mm w 2% 1-2 mm aspy in vn and selvs, -55 deg TCA wrt to the following one at 82.33 at 55 deg TCA, looking as the previous one;
87.80	87.81	FOL	0	foltn at 87.8 w 26 deg TCA;
88.20	88.21	VN	0	at 88.2 2mm qz-ank sheet vn, fg, or-wh, 8% 3mm aspy in vn, at 50 deg TCA;
88.40	88.50	VN	0	88.5-88.4m subll set of qz string w no vis minerzn, fg, wh, w alpha 40 and beta 070, spaced 5 mm apart;
99.70	99.71	VN	0	2 qz sheet vns at 99.7 m and 100.4m, upper qz 5 mm thick, fg fad margs, 2% 1 mm aspy in selvs, at 45 deg TCA and lower 2 cm thick fmg, wh-or gyl, w 20% ank/cc and 8% 2-3mm aspy in vn and selvs and 1 cm away zone;
100.40	100.41	VN	0	2qz sheet vns at 99.7 m and 100.4m, upper qz 5 mm thick, fg fad margs, 2% 1 mm aspy in selvs, at 45 deg TCA and lower 2 cm thick fmg, wh-or gyl, w 20% ank/cc and 8% 2-3mm aspy in vn and selvs and 1 cm away zone;
109.30	109.31	FOL	0	foltn at 109.3 at 19 deg TCA;
113.20	113.21	VN	0	113.2m qz meta vn at 10 deg TCA;
113.60	113.85	VN	0	113.6-113.85m qz mfol and 2 qz sheet vns, upper 3 cm thick and lower 5 cm tick, 3 cm apart, wh, fg, vug, 66 deg TCA, with 1 cm ser halo and 2%1-2 mm aspy, boul? And py in frac, selvs and halo (aspy and py);
114.45	114.46	VN	0	114.45m qz sheet vn wh fg, 1 cm ser halo, 2 cm thick,alpha 65 and 2-3% 1-2 mm aspy and py in selvs and halo;
114.55	115.35	VN	0	114.55-115.35m 3% ser planar hairline frac w 5 mm ser halo and 2% 1-2 mm py and aspy in strin, hair and halo, 3 mm qz-20% cc vn, planar, fg, 30 deg TCA, w 2% 1-2 mm aspy and py in selvs and 3 cm ser halo;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
118.27	118.28	VN	0	118.27m upper zone (50% of the subunit) has qz breccia zone and the rest 85% qz mfol, and vfol w ser zones inbtwn; the breccia zone has a alpha 90 py stringer at the upper end, 2 mm thick, qz mfol and vfol as prev descrbd, but with distinct domint ser th
119.30	119.31	VN	0	119.3 sheetd qzvn 1 cm thick faded margs, inn ser zone, fg wh, 1% boul?, mol?, bis? In hairline fracs cutting perpend to margs, w alpha 75 and beta 020;
120.60	120.61	FOL	0	foltn at 120.6m w Alpha 10 and beta 340;
121.30	121.31	VN	0	121.3m ser-cc-qz hairl sheet frac w no vis min, 1 cm ser halo emenatng along foltn away from frac and w alpha 45 and beta 270;
121.60	121.61	VN	0	121.6m qz vn, gyl, no halo, fg, no vis min, 4 mm thick w alpha 35 and beta 150;
123.60	124.30	VN	0	123.6-124.3m ser zone with 5% 1 mm diss py, 4 vn randomly orientd, w no vis min; upper qz-cc-ser hairline, 2.upper fg gyl 2mm w 2 mm bleached zone, 3. 1 cm thickwh-gyl fg (all ~60 deg TCA) and lower 2 mm gy fg, 30 deg TCA, few cm apart, it also contains
124.40	124.41	VN	0	124.4m hairline ser-ank frac w no vis min, 2 mm ser halo and alpha 40 and beta 120;
124.41	124.42	FOL	0	foltn in vicinity is alpha 20 and beta 130;
124.97	124.98	VN	0	124.97m hairline ser-qz-mior cc frac w 1 cm ser halo w no vis min, w alpha 70 and beta 340;
125.30	127.19	VN	0	125.3-127.2m set of 12 sheet vn and hairl fracs, 9 vn of 1 cm thick, wh, afad margs with ser zones where halo is hard to pick out or 5 cm halos, fracs have 2-5 mm halos, not vis min in general, w alpha 75 and beta 020, spaced at 5-20 cm scale; another se
127.20	127.21	VN	0	127.2m set of 4 sheet vn, 2-10 mm thic, slightly diff orient, crosscutiin eahc other, few mm apart, wh fg fad marges w 5 mm ser halo, no vis min, at 60 deg TCA;
129.30	130.00	VN	0	129.3-130m 2 qz sheet mass vns, at 66 deg TCA; about 60 cm apart, 5 cm thick, w 20 cm ser zone w 5% aspy and py inselvs and halo, both fg wh,
131.10	131.50	VN	0	131.1-131.5m set of 4 ser-cc-qz hairl fracs 4 cm apart w alpha 42 and beta 229;
131.50	132.00	VN	0	131.5-132m set of 2 qz sheet vn 2 and 10 mm rthiock w 1-2 mc ser halo, wh fg, w 2% 1-2 mm aspy in selvs and halo, about 15 cm apart, at 72 deg TCA;
132.00	132.30	VN	0	132-132.5m set of 3 qz-cc strings w 5 mm ser halo at 65 deg TCA, no vis min, 6 cm apart; set of 2 hair fracs offsetting the prev set by 2 mm, no vis min and halo at 35 deg TCA;
136.70	136.90	VN	0	136.7-136.9m offset by 2 mm qz-cc sheet vn, fmg, 3 mm thick, wh-crem, 7 mm ser halo, 6% 1-2mm aspy in selvs anmd halo, at 45 deg TCA, 2 cm apart is qz sheet vn, mass 12 cm thick, w no vis min and ser halo, at 66 alpha and fg wh;
137.70	138.70	VN	0	137.7-138.7m set of 2 sheet vns, qz-cc, wh, upper 3 cm thick, lower 2 mm thick, at 70 deg TCA, 4 cm apart w no halo, fg, w 3% 2-3mm aspy and py in vns and selvs, both are croscutt by cc-minor qz string, subll TCA, also w 2 mm aspy in it; anotehr 6 string

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
138.80	139.70	VN	0	138.8-139.7m set of three qz-40 cc strngs w no ser halo and 5% 4 mm aspy in vn, about 10 cm apart, at 63 deg TCA;
140.00	140.50	VN	0	140-140.5m set of three qz-40%cc sheet vn, about 5-40 cm apart, 2 mm thick, w 1-2 mm aspy in vn, no halo, at 71-63 alpha and 194-188 beta (alpha and beta can be extrapolated to the prev set uphole (from 138m); STRUCTURE CORRECTIONS: from 140-146.3m is as
142.30	142.31	VN	0	142.3m one sheetd vn 1 cm thick, qz-30% cc, wh-cream fmg, w 5% 1- 2mm py and 1% 1mm aspy in vn and selv, w 2 cm thick ser-ank halo, w alpha 60 and beta 160; 143.8m 2 mm qz-40% cc vn w 2% 2 mm aspy in vn and selv, cream, fg, alpha and beta as prev, irre
144.30	144.31	VN	0	at 144.3m 2 qz sheet vn, 1 cm apart, uppr 1 cm thisck wh fg, 1 cm ser halo, lower 2 mm thick, w 2% 1-2 mm aspy in selv and halo w alpha 60 and beta 160;
144.31	144.32	FOL	0	foltn in vicinity w alpha 20 and beta 330;
145.00	145.30	VN	0	145-145.3m set of dfew hairl ser fracs w alpha 45 and beta 090 w 2mm ser halo and no vis min;
146.20	146.21	VN	0	146.2m set of 2 qz sh vns wh-gyl fg 5 cm apart w alpha 80 and beta 180 and 2% 1-2 mm aspy and py in selv and in 5 cm ser halo;
147.15	147.16	VN	0	147.15m qz-ank offset 1mm string ye-crem fg w no vis min and halo w alpha 40 and beta 100;
147.60	147.70	VN	0	147.6m-147.7m qz meta vfol as prev descrbd, w set of 2 sh strings 5 cm apart, 60 deg TCA w 1 cm chlor halo and outer 5 mm ser halo, wh fg, 5% bl aspy in vn;
148.00	148.01	FOL	0	148m foln w alpha 35 and beta 220;
148.50	149.35	VN	0	148.5-149.35 set of three ser zones 5-10 cm thick, 10 cm apart caused by sets of qz-ser-ank hair fracs and strings-the uppr has a set 3 4 cm apart w no vis min w alpha 60 and beta 110; the middle set of two and lower set of 2 has alpha 40 and beta 250;
149.75	149.76	VN	0	149.75m set of 5 qz-ser -min ank strings w 3 mm ser halo, 2 cm apart w no vis min and alpha 25 and beta 140;
150.30	150.50	VN	0	150.3-150.5m two sets of two ser-qz-ank strings, 2-10 mm ser halo, no vis min, fmg, wh-grl upper w alpha 30 and beta 130 and lower w alpha 60 and beta 330;
150.90	151.00	VN	0	150.9-151m upper 1.2cm qz sh vn fg gyl 5 mm ser halo w alpha 65 and beta 300, boul trace in vn along fracs and 2% 1-2 mm aspy in sev and halo, 12 cm to low dir qz-ser str fg 1mm ser halo no vis min w alpha 65 and beta 050;
154.64	154.65	FOL	0	At 154.64m, foliation, alpha 36, beta 203.
155.50	156.65	VN	0	155.5-156.65m set of 7 qz-ser-min ank or cc sh strng, some w fad margs, 2 mm ser halo and 2% 2 mm aspy>py in sevs and halos and adjacnt 1 cm zones away from margs, 5-20 cm apart and w alpha 65 and beta 340; STRUCTURE CORRECTION at 158.5m bottom line is o
156.65	157.80	VN	0	then litho changes from 156.65-157.8 and there is only one such a string and 20 cm to low dir a similar strn w alpha 25 and beta 020;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
159.50	159.51	VN	0	159.5 qz-15% cc fmg sh vn 5mm thick faded margs, 3 cm ser zone and 5% of 1-3mm aspy in vn,selv and halo w alpha 55 and beta 350;
160.00	160.01	FOL	0	160m foltn w alpha 35 and beta 160;
160.50	160.70	VN	0	160.5-160.7m qz--min cc- ser strin w 5% 1-3mm aspy in strnand 5 cm ser halo w alpha 55 and beta 020;
161.40	162.30	VN	0	161.4-162. 3m set of two qz planar vns, 90 cm apart, 2 mm thick fmg gyl w 1 cm ser halo w 2% 1-2 mm aspy and py in halo w alpha 30 and beta 020;
162.70	163.60	VN	0	162.7-163.6m set of 14 qz-ser strngs, w upper qz wh fmg 1 mc thichk vein w up to 5 cm ser halo, spaced at 1-5 cm scale, some of them w up to 30% cc and 2% 1-2 mm aspy and up to 10% 1-2 mm py in halos and selvs w alpha 70 and beta 020;
164.00	164.30	VN	0	164-164.3m set of 3 qz-ser-min cc strng as descrbed above w up to 5% of 1-2 mm aspy in the adjacnt 2 cm zones without halo (restricted to 1-2mm) at the same alpha and beta, spaced4-6 cm spaced;
165.40	165.90	VN	0	165.4-165.9m set of two qz-20% cc upper string and lower 1 cm gyl fg sh vns,w alpha 70 and beta 020 w up to 6 cm adjacn zone w 10-15% 1-2mm aspy in vn, selvs, 1 cm ser halo and adjacnt zones;
166.70	166.71	VN	0	166.7m qz-15% cc fmg str w 2% 2 bl po and py in vn, no halo wh gyl w alpha 30 and beta 063;
167.00	167.01	FOL	0	167m foltn w alpha 26 and beta 151; STRUCTURE CORRECTN at 167.64m the bottom line is -2 deg beta offset from the bottom line above;
170.00	170.01	FOL	0	at 170m folt w alpha 52 and beta 125;
170.20	170.21	VN	0	170.2 qz -ser sh vn 3 mm thick w 2 cm ser halo, gy fg, w 10% 1-2% 3mm aspy in vn, sev and halo w alpha 52 and beta 335;
170.59	170.60	VN	0	170.59m aspy string w ser 2 mm halo and alpha 65 and beta 005;
171.10	171.70	VN	0	171.1-171.7m incl 3 qz-ser string 2-5 cm apart w 5 mm ser halo and w 7% 1-2 mm aspy in str and 3% 1 mm aspy in halo w alpha 61 and beta 012; w 2% wis po along foltn;
171.75	171.81	VN	0	171.75-171.81m qz fg sh pul vn 4 mm thick w alpha 75 and beta 000 w ser 5 cm zones w 6% 1-2 mm aspy in selvs and halo, 1% bl po and py in halo;
171.90	172.20	VN	0	another chlor-bio dk interval fg, foltrn oblterd is from 171.9-172.4m and incl at the upper end one qz sh vn 6mm thick non hao fmg gylwh w 1% 1-2 mm aspy in selv w alpha 69 and beta 341 and
172.20	172.40	VN	0	from 172.2-172.4m set of 4 subll ser-qz hairline fracs w no vis min, 1 mm ser halo, 5-6 cm apart, w alpha 25 and beta 030; STRUCTURE CORRECTNS at 170.69 the bottom line is -16 deg beta off from the bottom line at 167.64; at 173.74 the bottom line is -8 d
172.70	172.71	VN	0	172.7m qz sh vn fmg gylpul no ser halo w 3% 1-2 mm py and aspy in vn and selv and 3 cm in adjcmt zones w alpha 45 and beta 330; this unit contain s alos up to 1% wis po in foltn;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
174.30	174.40	VN	0	174.3-174.4m set of two qz sh vns 8 cm apart, upper: gyl fg vn w wh qz margs no ser halo, actually 5 mm chlor halo w 6% 2 mm aspy along gyl and wh qz and in selcvs and in 1cm adjcnt zone, lower is qz strng w descptn as prev, both w alpha 73 and beta 335;
175.00	175.01	VN	0	175m qz strng fg gyl no ser halo, w 3% 1-2 mm aspy in string and 1 cm adjacent zone, w alpha 50 and beta 034;
175.10	175.50	VN	0	175.1-175.5m 3 qz-aspy vns 5-20 cm apart: upper is wh fmg 5mm thick irreg w 3% 1-2mm aspy in vn and 2 cm adjcnt zone, w 2 cm ser halo; middle one qz-20% ank fmg cream strng 3mm thick w no halo and no vis min w alpha 35 and beta 040; lower one is qz gyl fg
175.70	175.71	FOL	0	175.7m foltn w alpha 27 and 150 beta;
175.80	175.81	FOL	0	175.8m foltn w alpha 40 and beta 135;
177.50	177.60	VN	0	177.5-177.6m set of two qz hair fracs w 5-10 mm ser halo, 10 cm apart w 3% 1-2mm aspy and 5% 1-2 mm py in halos, at 45 deg TCA;
178.70	179.30	VN	0	178.7-179.3m 3 sets of 2 qz sh vn 2-4mm thick, vns 2cm apart, set 30 cm apart; vn are fg qz-ser-minr ank w 3 mm ser halo, at 45 deg TCA, wh-cream w 1% of 1 mm aspy in selvs and halos; wherever the 1 cm chlor zone appears it is common to find 2% of bleby p
179.90	182.40	VN	0	179.9-183.2m set of 15 qz sh vn 2-4mm thcik w 1 cm ser halo, fg wh faded margs, w 2% 1-3 mm py and aspy in vn, selvs, halo and w alpha 60 and beta 000, thed are 5-50 cm apart;
182.40	182.41	VN	0	182.4m 2 cm thcik qz wh sh fg vn w no vis min fad margs w alpha 50 and beta 340; the whole interval can contain up to 2% vfdiss py in fracs and microfracs; STRUCTURE CORRECTION at 185.93m bottom line is +10 deg Beta from the bottom line at 182.88m;
186.25	187.00	VN	0	186.25-187m another (very likely the same set as prev) is of 6 nqz-ser sh vns as pfrev descrbd, about 3-20 cm apart, w 1% 1mm aspy in selv and sser halos w alpha 65 and beta 000; the whole intervals can contain up to 2% vfd py in fracs and microfracs
187.10	187.40	VN	0	at 187.1-187.4m incl 4 qz-ser string and vns wh fg w 1 cm ser halo w up to 3% 1-3mm aspy in vn, selvs and halos, one of them is at alpha 55 and beta 330;
188.00	188.01	FOL	0	foltn at 188 w alpha 30 and beta 120;
188.30	189.10	VN	0	188.3-189.1m ser-chlor silicd subunit w set of 15 qz-ser hairline fracs spaced at 1-2 cm scale w alpha 55 and beta 330 w 2% 1-2 mm aspy and py inbtwn them and in them, on eof them is 1 cm thick gy-5% cc qz sh vn; the rest of the interval can have 1-2% 1 m
189.10	189.40	VN	0	189.1-189.4m set of 3 qz-cc-ser sh vn irreg mg, wh-grl at alpaha 55 and beta 330 and 2% 1-2 aspy in vn selvs and adjacnt 2 cm zones; zones can contains up to 10% 1mm vfd aspy and py;
190.15	190.30	VN	0	190.15-190.3m set of 3 qz-20% cc sh vns. 3 mm thick, 5 cm apart, w 5 mm ser zones w fad margs and 2% 1-2 mm aspy and py in selvs and adjcan halo, w alpha 55 and beta 330;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
190.75	191.00	VN	0	the same set continues from 190.75-191m w 7 qz ser sh vns 2-5 cm apart w uip to 3% 1-2 mm aspy, alpha 55, beta 330;
191.00	191.15	VN	0	191-191.15m set of two qz-ser hairlin fracs w 1% 1 mm py and aspy in ser halos and alpha 45 and beta 200;
191.60	192.00	VN	0	191.6-192m the same set w 3 qz-ser sh vn, about 2-10 cm apart; another set of 2 ser-qz hairline fracs w 1% 1mm aspy in 2 mm ser halo w alpha 25 and beta 200;
192.30	192.31	VN	0	192.3m one qz-20% cc sh vnfg whgyl, w 2% 2 mm aspy in vnw alpha 55 and beta 330, no ser halo;
192.77	193.00	VN	0	192.77-193m set of 6 qz sh vn and strngs wh fg fad margs w 5 mm ser halo w 1% 1mm aspy, w alpha 54 and beta 314; as usal 1-2% bl po in met qz which is ~1% in the entire unit;
193.50	194.20	VN	0	193.5-194.2m serd zone w set of 3 qz-ser strn w up to 1% 1 mm aspy in selvs and 5 mm halo, string 2 cm apart w alpha 63 and beta 320; includes also qz sh vn 4 mm thick fg gyl-wh w tr boul and 3% 1-2 mm aspy in selvs and 5 mm ser halo w alpha 84, beta 020;
194.60	194.85	VN	0	194.6-194.85m another serzd zone w qz-ank strn w tr aspy and py in adjacnt zones w alpha 54 and beta 245; includs also qz strn w 1% 1 mm aspy in selvs and 5mm adcnt zone no ser halo;
194.90	194.91	FOL	0	foltn at 194.9m w alpha 45 and beta 102;
195.00	195.01	VN	0	195m qz ser vn wh fg faded margs 3 mm thick w 5 mm ser halo and 1% 1 mm aspy and py in nselvs an d halo w alpha 61 and beta 289; STRUCTURE CORRECTIONS at 195.07 the bottom line is -49 deg beta from the bottom line from the above; the bottom line from 195
195.47	195.48	VN	0	at 195.47m qz-40% ank str w 2 mm ser halo w 1% 1mm aspy in selvs and halo, cream fg, w alpha 55 and beta 177;
196.19	196.79	VN	0	196.19-196.79m serzd zone w set of 12 qz-ser hairline and one qz sh vn fg wh 5 mm thick , 4-10mm spaced, w alpha 55 and beta 177, the whole zone contains 1-5% 1-2mm aspy and py in vn selv and in fracs and microfracs, some fracs of te set can contain up to
197.15	197.16	VN	0	197.15m qz-20% cc fmg wh-gyl faded margs, 4 mm thick, 3 cm ser halo w 2% 1-2 mm aspy in selv and halo and w alpha 50 and beta 334;
198.20	198.21	FOL	0	foltn at 198.2m w alpha 21 and beta 140;
198.45	198.46	VN	0	198.45m qz-cc vn sh w 2 mm cc concentratd in the central part of the vein, 1 cm thick vn, qz is fg and gyl, 2 mm ser halo w 1% 1 mm aspy and boul? In vn along perpdc fracs to vn margs, in selvs w alpha 80 and beta 112;
199.20	199.30	VN	0	199.2-199.3m set of two qz-20%cc sh strngs fg gyl-wh w 2 cm ser halo and 7% (upper) and 3% (lower) 1-2mm aspy and py in selvs and halo, w alpha 54 and beta 330;
200.30	200.31	VN	0	200.3m qz-ser strn wh, w 1 cm ser halo fg w 3% 1-2 mm aspy in selv and halo, w alpha 54 and beta 315;
200.50	200.51	FOL	0	200.5m foltn w alpha 23 and beta 119;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
202.00	202.01	VN	0	202m qz-ser irreg vn 3 mm thick grgl fg 60 deg TCA w no vis halo but 1% of 1-2 mm aspy and py in adjacnt zones up to 4 cm away from margs;
202.50	202.51	VN	0	202.5 qz ser planar strng gy w 1 cm ser halo w 1-2% 1-2 mm aspy and py in selvs and halo w alpha 20 and beta 017;
204.10	204.11	FOL	0	foltn at 204.1 w alpha 29 and beta 110;
204.55	204.85	VN	0	204.55-204.85m serzd zone due to set of 3 qz-ser strngs fg cream w 3% 1 mm py and 1 % 1mm aspy in selv and adcnt zones that seem to be weakly sertzd w alpha 56 and beta 317; zone inclds also a qz ser hair strng w 3% 1-2 mm py and aspy in vn, selv and 1% 1
205.00	205.01	VN	0	205m 2.5 cm thcik qz sh vn wh fg w 10 mm ser halo w tr boul in vn, 2% 1-2 mm py and aspy in selvs and halo w alpha 79 and beta 291;
205.10	206.00	VN	0	205.1-206m set of 5 ser hairline fracs w 2 cm ser halo w up to 2% 1 mm aspy in halo and about 1-30 cm apart w alpha 50 and beta 220; in general po shows up to 2% wis in foltn; STRUCTURE CORRECTION at 207.26m the bottom line is -71 deg beta from the above b
208.25	208.26	VN	0	208.25m qz-20% cc wh gyl string planar w 1 cm ser halo tr py and 2% 1-2 mm aspy in halo and selvs w alpha 16 and beta 044;
208.60	208.61	VN	0	208.6m 4 cm thick qz fg wh sh vn w 5 cm ser halo w 2% 1-2 mm boul? In fracs, 4% 1-2 mm aspy and py in selvs and halo, w alpha 50 and beta 333;
209.40	209.41	VN	0	209.4m qz wh fg strng w 5 mm ser zone w 1% 1 mm py in halo w alpha 58 and beta 336;
209.50	209.51	FOL	0	foltn at 209.5m w alpha 25 and beta 138;
210.15	210.16	VN	0	210.15m qz 2mm strng wh fg w 1% 1-2 mm py and aspy in vn and selv, faded margs 2 mm ser halo w alpha 58 and beta 336;
210.36	210.37	VN	0	210.36m 6.5cm thick sh qz vn wh fg, w 1 cm ser halo w tr to 2% 1-2 mm boul and 1-2mm aspy and py in slevs and halo w alpha 51 and beta 336; anotehr qz gyl fg strn w 2% 1mm aspy in selvs and 1mm ser halo w the same orientn at 211m;
212.00	212.01	FOL	0	foltn at 212m w alpha 30 and beta 135;
212.30	213.16	VN	0	212.3-213.16m ser zone: set of 16 qz-ank strn and ank hairline fracs orange fg 5mm-10 cm apart w alpha 65 and beta 327, w 1%-50% 1-3mm aspy in strings and away zones; includes qz-30% ank vn 5 mm thick fmg gyl-orng 1-2 1mm aspy in selvs and away zones w alp
213.40	213.41	FOL	0	foltn at 213.4m w alpha 29 and beta 146;
215.70	215.71	VN	0	215.7m 1 cm thick wh fg qz sh vn w fad margs and 5 cm ser halo w 1% 1 mm aspy in halo w alpha 52 and beta 262;
216.00	216.01	FOL	0	foltn at 216m w alpha 25 and beta 140;
216.80	216.90	VN	0	216.8-216.9m set of two qz sh vns upper strng and low 6 mm thick vn 5 cm apart, w 1 cm ser halo, wh fg, fad margs, 1% 1 mm aspy in halo and w alpha 74 and beta 347;

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDDH-10-029
Length (m) 268.22
Log Date 09/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
217.50	218.40	FOL	0	foltn at 217m w alpha 24 and beta 328; po assoct w chlor as usually
218.40	219.46	VN	0	218.4-219.46m set of 13 qz-ser hailrine-stringer to vn5 mm thick, fad margs, fg gyl, w 5 mm ser halo, about 1-20 cm apart w 1-60% 1-3 mm aspy in vn, selvs and halo and 1-2% 1-2mm py in halos w alpha 65 and beta 010; STRC CORR at 219. 46m the bottom line i
219.70	219.71	VN	0	219.7m qz vn 3 mm thick fad margs wh fg w 5 mm halo 2 1mm py in halo and w alpha 60 and beta 320;
220.20	220.21	VN	0	220.2m qz sh vn 2 mm thick fmg, wh-gyl, w 1 % 1mm aspy in selv and 2 mm halo w alpha 40 and beta 020;
220.30	220.40	VN	0	220.3-220.4m set of two qz-ser strn fad margs, 5 mm ser halo fg gyl 1% 1mm aspy in halo and alpha 60 and beta 320;
221.20	221.21	FOL	0	foltn at 221.2m w alpha 25 and beta 110;
222.45	222.50	VN	0	222.45-222.5m mass qz vn fg wh w alpha 50 and beta 320 w 1-2% 1-2 mm aspy in 1 cm ser halo; STRUC CORR at 222.5 the bottom line is -32 deg beta from the bottom line at 219.46;
223.10	223.11	VN	0	at 223.1m 4 cm qz sh vn wh-gyl w ser pockets in vn w 1 cm ser halo and w alpha 65 and beta 320 w 2% 1-2 mm aspy in vn, selvs and halo;
223.50	223.51	FOL	0	foltn at 223.5m w alpha 30 and beta 130;
223.60	223.61	VN	0	223.6m set of two qz srt and vn crosscuttin? Blending together, max 3 mm apart mcg wh w chlor in margs, 2-5% ank in vn, w vugs and 3 mm long qz prisms in vn, w 2% py in vn, and 1 cm adjacnt zones w alpha 50 and beta 330;
225.00	225.30	VN	0	225-225.3m serzd zone w qz string fg wh no ser halo but chlor zone w 2% 1-2 mm py and aspy 1 cm away from margs, w alpha 50; zone incld qz vfol, blebs w chlor-ank margs, also 5% qz-ank fracs;
227.50	227.51	FOL	0	foltn at 227.5m w alpha 30 and beta 170;
227.90	227.91	VN	0	227.9m qz-se vn 3 mm thick irreg filling the frac w 5% ank in the niddle zone w 1.5 cm ser halo, fg fad margs gyl- or w 1% 1 mm py and aspy in selvs and halo, w alpha 65 and beta 000 (this measurment was taken as the bottom line at 228.6 was extrapolated u
228.50	228.95	VN	0	228.5-228.95m set of 8 qz-ser hair, strings and 5 vn from 3-10 mm thick, about 5mm-20 cm apart, w 1 cm ser halo fg wh faded margs w alpha 70 and beta 020; w 2% 1-2 mm aspy in vn, selvs and halos; includes qz-50% ank fg str w alpha 45 and beta 060, no vis
229.00	229.25	VN	0	229-229.25m set of three hair py fracs 1 cm apart at 50 deg TCA and set of 2 qz wh fg vn 3-5 m thick, no ser halo but 2% 1mm aspy and py in selvs and adjacnt zones w alpha 55;
230.10	230.11	VN	0	230.1m 2 cm gylpul fg vn sh w 5 mm ser halo and 1% 1mmm aspy in selvs and halo w alpha 70;

Project Gold Dome (Sheelite) - Yukon

Area Aorta

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-030

Length (m) 408.43

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 19/08/2010

Date Finished 24/08/2010

Other Hole name AUD-024-Aort

Cassing Pulled Yes

Cassing (m) 6.1

Data Origin GOD_20110203_DataLoggerExport.xls / KFcova

Data Date 04/02/2011

Data BY ACald

Logger Lauren Blackburn

Log Date 29/08/2010

Target

Hole Comments 0-260.6m logged by Lauren Blackburn, 260.6-EOH logged Gilles Dessureau; surveyed by Jeff Cary, survey tools: GPS and compass

Collar survey Date

Survey By Jeff Cary

Method Handheld GPS

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	440,058.00	7,072,705.00	1,296.10	180.00	-50.00
Preferred	UTM83-8	440,058.00	7,072,705.00	1,296.10	180.00	
Local	LOCL_AuDom	6,903.48	6,821.46	1,296.10	225.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks
EZ Shot	18.00	-51.00	185.45		185.45	162.20	5,821.00	correction factor=magnetic declination used 23 deg 25 min; surveyed by Norm Savoie; roll(toolface) rel to dip:13.6; temperature: 15.1 deg of Celsius
EZ Shot	148.00	-50.10	192.96		192.96	169.71	5,785.00	correction factor=magnetic declination used 23 deg 25 min; surveyed by Norm Savoie; roll(toolface) rel to dip:208.9; temperature: 11.8 deg of Celsius
EZ Shot	278.00	-48.20	201.85		201.85	178.60	5,763.00	correction factor=magnetic declination used 23 deg 25 min; surveyed by Norm Savoie; roll(toolface) rel to dip:187.3; temperature: 12.1 deg of Celsius

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen

ALS	QC-OK	TR10131211	04/10/2010	6.10	69.05	0
ALS	QC-OK	TR10131212	29/09/2010	69.05	135.40	0
ALS	QC-OK	TR10133322	03/10/2010	135.40	196.80	0
ALS	QC-OK	TR10133324	05/10/2010	196.80	254.50	0
ALS	QC-OK	TR10145292	23/10/2010	254.50	316.30	0
ALS	QC-OK	TR10148542	21/10/2010	316.30	381.00	0
ALS	QC-OK	TR10148626	27/10/2010	381.00	408.43	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I039235	85.05	87.05	2-FDU	0	0.07	2.58	TR10131212
I039250	111.05	113.40	2-FDU	0	0.11	2.53	TR10131212
I039303	203.30	205.30	2-FDU	0	0.17	1.90	TR10133324
I039553	285.40	286.30	2-FDU	0	0.26	1.13	TR10145292
I039589	347.15	349.15	2-FDU	0	0.04	2.25	TR10148542
I038898			Blk	0	0.00	0.57	TR10133324
I039200			Blk	0	0.00	1.65	TR10131211
I039215			Blk	0	0.00	1.51	TR10131211
I039271			Blk	0	0.00	0.72	TR10133322
I039283			Blk	0	0.00	0.42	TR10133322
I039344			Blk	0	0.00	0.55	TR10145292
I039580			Blk	0	0.00	0.53	TR10148542
I039616			Blk	0	0.00	0.53	TR10148626
I039262			SRM_OR-15h	0	1.06	0.09	TR10133322
I039562			SRM_OR-15h	0	0.98	0.08	TR10145292
I039598			SRM_OR-15h	0	1.02	0.08	TR10148542
I038899			SRM_OR-16b	0	2.22	0.10	TR10133324
I039195			SRM_OR-16b	0	2.24	0.10	TR10131211
I039239			SRM_OR-16b	0	2.26	0.09	TR10131212

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
65	52	85	124	0	71	112	0	0

Hole name	GDDH-10-030
Length (m)	408.43
Log Date	29/08/2010

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackbu

Hole name GDDH-10-030
Length (m) 408.43
Log Date 29/08/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur		
	I039197	0.074	0.2	1760	19.10 21.10 23.10 25.10 27.10 29.10 31.10 33.10	Xqp				SI	5	PER		0.5	VN	0.5	VN						
	I039198	0.007	0.1	159																			
	I039199	0.092	0.3	1180																			
	I039201	0.069	0.1	3450																			
	I039202	0.063	0.1	703																			
	I039203	0.016	0.4	482																			
	I039204	0.408	0.1	1260																			
	I039205	0.355	0.6	2620																			
	I039206	0.045	0.3	224	33.10	Kvl				CC	2	DIS											
					34.80								34.80										

Golden Predator
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Hole name	GDDH-10-030
Length (m)	408.43
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[illegible]

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name	GDDH-10-030
Length (m)	408.43
Log Date	29/08/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator

Program 2010

Logger Lauren Blackbu

Hole name GDDH-10-030

Length (m) 408.43

Log Date 29/08/2010

Assays					
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	
	I039226	0.244	1.2	1420	
71.05					
	I039227	0.005	0.2	37	
73.05					
	I039228	0.098	0.4	1235	
75.05					
	I039229	0.938	0.4	783	
77.05					
	I039230	0.11	0.3	786	
79.05					
	I039231	0.005	0.1	29	
81.05					
	I039232	0.079	0.2	1250	
83.05					
	I039233	0.232	0.7	3990	
85.05					
	I039234	0.063	0.1	693	
87.05					

Hole name	GDDH-10-030
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Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator

Program 2010

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Hole name GDDH-10-030

Length (m) 408.43

Log Date 29/08/2010

[illegible]

Golden Predator
Program 2010
Logger Lauren Blackburn

Log Date 29/08/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
140.60	I039265	0.011	0.1	408	141.75	Xqp	Ip	141.75	SI	3	PER	No Data										
141.75	I039266	0.0025	0.1	19				141.75														
143.25	I039267	0.007	0.1	71	144.70	Xqp		144.70	SI	5	PER											
144.70	I039268	0.033	0.1	575				144.70														
146.70	I039269	0.184	0.1	3560	150.30	Xq		150.30	SI	5	PER											
148.70	I039270	0.578	0.6	1720				150.30														
150.30	I039272	0.206	0.7	3430				150.30														
151.30	I039273	0.007	0.1	82	151.30	Xqp	Ip	151.30	FEO	2	BAND											
153.00	I039274	0.313	0.1	1120	154.65	Xq	Xqp	154.65	SI	5	PER	No Data										
154.65	I039275	0.009	0.1	30				154.65														
156.50	I039276	0.292	0.1	1510																		

Project Gold Dome (Sheelite) - Yukon
Area Aorta

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Length (m) 408.43
Log Date 29/08/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
													%	occur	%	occur	%	occur	%	occur	%	occur
	I039277	0.158	0.1	1780	158.50																	
	I039278	0.031	0.1	745																		
	I039279	2.03	0.1	3030																		
	I039280	0.022	0.1	710																		
	I039281	0.0025	0.1	32																		
	I039282	0.121	0.3	525																		
169.20					169.20			169.20				169.20										
	I039284	0.021	0.1	202	171.05																	
	I039285	0.02	0.1	64																		
172.90					Xqp				SI	5	PER		0.5	LITH	0.5	VN						

Hole name	GDDH-10-030
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Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator

Program 2010

Logger Lauren Blackbu

Hole name GDDH-10-030

Length (m) 408.43

Log Date 29/08/2010

[illegible]

Hole name	GDDH-10-030
Length (m)	408.43
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Golden Predator
Program 2010
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Hole name	GDDH-10-030
Length (m)	408.43
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[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackbu

Hole name GDDH-10-030
Length (m) 408.43
Log Date 29/08/2010

Assays					Litho			Alteration				Mineralization																	
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur												
278.20	I039347	0.038	0.1	145		Xqp						277.50																	
												277.80																	
280.00	I039348	0.0025	0.1	41								No Data												No Data					
281.80	I039349	0.03	0.2	510																				No Data					
					281.00																								
283.60	No Data				284.20							No Data																	
285.40	I039551	0.334	0.3	2250	Xqp			285.40				285.70																	
												285.70																	
286.30	I039552	0.234	2.5	3120	Xqp			QW	4	PER		286.00	No Data	0.5	VN														
287.60	I039554	0.007	0.1	48				287.60																					
289.20	I039555	0.012	0.1	57	Xqp																								
292.05	I039556	0.035	0.1	660								No Data																	
293.35	I039557	0.15	0.3	847								No Data																	

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
295.35	I039558	0.145	0.1	1650	Xqp			298.70	QW	4	PER	295.40	No Data						
297.35	I039559	0.138	0.3	2000				No Data											
298.70	I039560	0.069	0.1	1370															
301.10	I039561	0.142	0.9	2010															
302.15	I039563	0.771	12.7	10000															
304.10	I039564	0.042	0.3	1230															
306.10	I039565	0.018	0.1	313															
308.30	I039566	0.025	0.1	790															
310.30	I039567	0.043	0.5	1120															

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur						
	I039568	0.22	1.8	3420	312.30								No Data										
	I039569	0.062	0.3	1670																			
	I039570	0.025	0.1	337																			
	I039571	0.026	0.1	244																			
	I039572	0.085	0.1	890																			
	I039573	0.07	0.1	2430	320.30								No Data										
	I039574	0.108	0.2	936																			
	I039575	0.249	0.1	4200	326.60								No Data										
	I039576	0.044	0.1	283	328.20								No Data										

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
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Hole name GDDH-10-030
Length (m) 408.43
Log Date 29/08/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
												328.70			7.5	VN						
	I039577	0.039	0.2	1200									No Data									
330.16					330.11			330.16				329.30										
	I039578	0.0025	0.1	27		Xpq							No Data									
332.16																						
	I039579	0.036	0.1	624																		
334.05					333.80							333.80										
					334.05	VNq		No Data				334.05										
	I039581	0.115	0.1	1520									No Data									
336.00												334.45										
	I039582	0.012	0.1	74		Xq		337.50														
338.00									QW	4	PER		No Data									
	I039583	0.026	0.1	307				338.70														
340.00																						
	I039584	0.027	0.1	535																		
341.40					341.10																	
	I039585	0.073	0.1	2470								342.20										
343.40													No Data									
	I039586	0.098	1	1890		Xq																
345.40												345.05										

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator

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Hole name GDDH-10-030

Length (m) 408.43

Log Date 29/08/2010

[illegible]

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	
	I039597	0.217	0.5	4540	364.00	Xq		366.30	SCN	7	PER	No Data									
	I039599	0.045	0.3	2320			364.80														
					366.30			366.30				365.20	No Data								
	I039600	0.014	0.2	291	368.70	Xqp		No Data				No Data									
	I039601	0.011	0.1	41	370.70	Xq															
					371.00	VNq						371.00									
	I039602	0.045	0.3	1430	372.70	Xq						No Data									
													372.80								
	I039603	0.026	0.1	851									373.50	0.5	VN						
					374.70						373.75	No Data									
	I039604	0.162	3.7	4080	376.75	Xqp		377.00	QW	5	PER	No Data									
													375.35								
									377.20	No Data											
	I039605	0.082	0.4	1680					378.00	QW	7	PER	377.70	0.5	VN						
					379.00							378.90	No Data								

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator

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Log Date 29/08/2010

[illegible]

Golden Predator
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[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-030
Length (m) 408.43
Log Date 29/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	6.10	CAS	0	0-255.53m logged by Lauren Blackburn
6.10	33.10	Xqp	0	skarned qzose phyllite, 90% lith1, lith 2 is likely just spotted qzose metaseds
33.10	34.80	Kvl	0	lampr
34.80	39.50	Xqp	0	skarned qzose phyllite, 95% lith1; lith 2 is likely just spotted qzose metaseds
39.50	60.00	Xq	0	skarned cg(qtzite/psammite), 100% lith1
60.00	61.23	Xqp	0	intr, 97% lith1; lith 2 is likely just spotted qzose metaseds
61.23	62.56	Xq	0	skarned cg(qtzite/psammite), 100% lith1
62.56	67.07	Xqp	0	skarned qzose phyllite, 100% lith1
67.07	113.40	Xqp	0	intr, 99% lith1; lith 2 is likely just spotted qzose metaseds
113.40	125.60	Xq	0	skarned cg(qtzite/psammite), 94% lith1; lith 2 skarnd qzose phyll
125.60	125.90	lp	0	intr, 100% lith1
125.90	135.54	Xq	0	skarned cg(qtzite/psammite), 94% lith1; lith 2 skarnd qzose phyll
135.54	137.65	Xqp	0	skarned qzose phyllite, 100% lith1
137.65	139.10	Xq	0	skarned cg(qtzite/psammite), 100% lith1
139.10	141.75	Xqp	0	intr, 100% lith1; lith 2 is likely just spotted qzose metaseds
141.75	144.70	Xqp	0	skarned qzose phyllite, 100% lith1
144.70	150.30	Xq	0	skarned cg(qtzite/psammite), 100% lith1
150.30	151.30	Xqp	0	intr, 100% lith1; lith 2 is likely just spotted qzose metaseds
151.30	154.65	Xq	0	skarned cg(qtzite/psammite), 50% lith1; lith 2 skarnd qzose phyll
154.65	169.20	Xqp	0	skarned qzose phyllite, 90% lith1; lith 2 skarned cg(qtzite/psammite)
169.20	175.90	Xqp	0	skarned cg(qtzite/psammite), 50% lith1; lith 2 skarnd qzose phyll
175.90	176.78	GG	0	gouge in skarned metaseds
176.78	196.75	Xqp	0	skrnd phyl qtzite, 100%lith1
196.75	213.45	Xq	0	skarned cg(qtzite/psammite), 100% lith1
213.45	218.96	Xqp	0	skarned qzose phyllite, 90% lith1, lith 2 is likely just spotted qzose metaseds
218.96	221.00	Xq	0	skarned cg(qtzite/psammite), 100% lith1
221.00	223.15	Xqp	0	skarned metaseds
223.15	232.45	Xq	0	skarned cg(qtzite/psammite), 100% lith1
232.45	239.16	Xqp	0	skarned qzose phyllite, 100% lith1
239.16	240.40	Xq	0	skarned cg(qtzite/psammite), 100% lith1
240.40	251.80	Xqp	0	skarned metaseds
251.80	252.45	VNq	0	mass qz vn, vuggy
252.45	255.53	Xqp	0	skarned qzose phyllite, 100% lith1
255.53	264.40	Xqp	0	Xk**-cg; 255.53-EOH logged by Gilles Dessureau

Project Gold Dome (Sheelite) - Yukon
Area Aorta

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Hole name GDDH-10-030
Length (m) 408.43
Log Date 29/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
264.40	264.95	Xqp	0	Xk**-pq;
264.95	276.02	Xqp	0	Xk**-cg
276.02	284.20	Xqp	0	Xk**-pq
284.20	285.40	Xqp	0	Xk**-cg
285.40	287.60	Xqp	0	Intensely sericite altered quartz phyllite
287.60	289.20	Xqp	0	Xk**-cg
289.20	305.00	Xqp	0	Xk**-cg/Xk**-pq-cg intercaltd
305.00	305.80	Xqp	0	Xk**-cg
305.80	307.90	Xqp	0	Xk**-pq
307.90	308.25	VNq	0	VNq
308.25	330.11	Xpq	0	Xk**-cg
330.11	333.80	Xpq	0	Xk**-cg
333.80	334.05	VNq	0	VNq
334.05	341.10	Xq	0	Xcg-psammite
341.10	347.70	Xq	0	Xcg-qtzite
347.70	357.55	Xq	0	Xk-pq-cg; Intercalated metapsammite and metaquartzite
357.55	360.90	Xq	0	Xk-cg; Intensely silica altered quartzite
360.90	362.00	Xp	0	Xp; Intensely quartz sericite altered phyllite
362.00	366.30	Xq	0	Intensely silica altered quartzite
366.30	368.70	Xqp	0	Xk**pq-cg
368.70	370.70	Xq	0	Xk**cg-qtzite
370.70	371.00	VNq	0	qz vn; Trace aspy
371.00	374.70	Xq	0	Xk**cg-qtzite;
374.70	379.00	Xqp	0	Xk**pq-psammite
379.00	384.50	Xqp	0	Xk**pq-psammite-qzose phyllite
384.50	384.80	VNq	0	qz vn
384.80	389.90	Xqp	0	Xk**pq-psammite-qzose phyllite
389.90	393.35	Xqp	0	Xk**pq-psammite-qzose phyllite
393.35	398.20	Xqp	0	Xk**pq-qzose phyllite-weak hornfls
398.20	402.10	Xqp	0	bio-chlor-phyllite/schist-Xqp w Xp w bio; intense chlorite alteration in biotite schist
402.10	408.43	Xp	0	Xp w bio interbedded w qtzite, eoh;

ALTERATION

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-030
Length (m) 408.43
Log Date 29/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
mFrom	mTo	Lith1	Relog	Comments
6.10	33.10	SI	0	0-255.53m logged by Lauren Blackburn
260.00	263.00	QW	0	255.53-EOH logged by Gilles Dessureau

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
6.10	33.10	AS	0	0-255.53m logged by Lauren Blackburn
261.30	261.40	SUL	0	255.53-EOH logged by Gilles Dessureau; taken from Gilles graphic log; Ag sulphides in qz vn at 90 deg TCA
263.90	263.95	AS	0	taken from Gilles graphic log;
266.60	266.70	PO	0	taken from Gilles graphic log;
268.20	268.30	JAM	0	taken from Gilles graphic log;
269.60	269.70	AS	0	taken from Gilles graphic log;
271.10	271.20	PO	0	taken from Gilles graphic log;
277.50	277.80	PO	0	taken from Gilles graphic log;
280.20	280.30	PO	0	taken from Gilles graphic log;
281.00	281.10	PO	0	taken from Gilles graphic log;
285.70	285.90	AS	0	taken from Gilles graphic log;
286.00	286.30	PY	0	taken from Gilles graphic log;
292.50	292.51	ASPY	0	taken from Gilles graphic log;
293.50	293.80	PO	0	taken from Gilles graphic log;
295.40	295.41	AS	0	taken from Gilles graphic log;
301.40	301.70	AS	0	taken from Gilles graphic log;
307.90	308.25	PY	0	taken from Gilles graphic log;
310.40	310.50	AS	0	taken from Gilles graphic log;
311.20	311.21	AS	0	taken from Gilles graphic log;
311.70	311.71	AS	0	taken from Gilles graphic log;
312.50	312.60	AS	0	taken from Gilles graphic log;
313.50	313.60	AS	0	taken from Gilles graphic log;
313.90	313.91	AS	0	taken from Gilles graphic log;
314.80	314.81	AS	0	taken from Gilles graphic log;
315.90	315.95	AS	0	taken from Gilles graphic log;
318.50	318.51	AS	0	taken from Gilles graphic log;

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-030
Length (m) 408.43
Log Date 29/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
318.90	318.91	AS	0	taken from Gilles graphic log;
320.50	320.51	ASPY	0	taken from Gilles graphic log;
320.80	320.90	ASPY	0	taken from Gilles graphic log;
322.80	323.00	ASPY	0	taken from Gilles graphic log;
323.10	323.50	AS	0	taken from Gilles graphic log;
326.30	326.40	AS	0	taken from Gilles graphic log;
328.30	328.70	AS	0	taken from Gilles graphic log;
329.30	329.40	AS	0	taken from Gilles graphic log;
333.80	334.05	PO	0	taken from Gilles graphic log;
334.45	334.75	AS	0	taken from Gilles graphic log;
342.20	342.30	AS	0	taken from Gilles graphic log;
342.90	343.10	ASPO	0	taken from Gilles graphic log;
345.05	345.40	AS	0	taken from Gilles graphic log;
351.90	351.91	AS	0	taken from Gilles graphic log;
352.50	352.51	AS	0	taken from Gilles graphic log;
353.00	353.01	AS	0	taken from Gilles graphic log;
355.10	355.20	AS	0	taken from Gilles graphic log;
356.25	356.40	AS	0	taken from Gilles graphic log;
357.10	357.11	AS	0	taken from Gilles graphic log;
358.30	358.40	AS	0	taken from Gilles graphic log;
364.80	364.81	AS	0	taken from Gilles graphic log;
365.20	365.30	AS	0	taken from Gilles graphic log;
371.00	371.01	AS	0	taken from Gilles graphic log;
372.80	373.50	AS	0	taken from Gilles graphic log;
373.50	373.61	AS	0	taken from Gilles graphic log;
373.75	373.76	AS	0	taken from Gilles graphic log;
375.35	375.36	AS	0	taken from Gilles graphic log;
376.05	376.15	AS	0	taken from Gilles graphic log;
377.20	377.70	AS	0	taken from Gilles graphic log;
378.90	378.91	AS	0	taken from Gilles graphic log;
381.15	381.60	AS	0	taken from Gilles graphic log;
382.60	382.70	AS	0	taken from Gilles graphic log;
384.50	384.80	AS	0	taken from Gilles graphic log;
385.30	385.31	AS	0	taken from Gilles graphic log;

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-030
Length (m) 408.43
Log Date 29/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
402.10	402.30	AS	0	taken from Gilles graphic log;

VEINS

mFrom	mTo	Vein1	Relog	Comments
6.10	33.10	QZ	0	0-255.53m logged by Lauren Blackburn
261.30	261.40	QAS	0	255.53-EOH logged by Gilles Dessureau
371.00	371.01	QAS	0	taken from Gilles graphic log;

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
34.80	34.81	CON	0	0-255.53m logged by Lauren Blackburn; taken from Lauren's Blackburn graphic log; lower contact betwn lampr and metaseds
42.30	42.31	FOL	0	taken from Lauren's Blackburn graphic log;
45.00	45.01	FOL	0	taken from Lauren's Blackburn graphic log
60.30	60.31	FOL	0	taken from Lauren's Blackburn graphic log
61.00	61.01	FOL	0	taken from Lauren's Blackburn graphic log
97.80	97.81	FOL	0	taken from Lauren's Blackburn graphic log
119.50	119.51	FOL	0	taken from Lauren's Blackburn graphic log
154.65	154.66	FOL	0	taken from Lauren's Blackburn graphic log
161.00	161.01	VN	0	taken from Lauren's Blackburn graphic log
175.70	175.71	VN	0	taken from Lauren's Blackburn graphic log; qz-asy vn+/-cc
189.10	189.11	FOL	0	taken from Lauren's Blackburn graphic log
196.75	196.76	VN	0	taken from Lauren's Blackburn graphic log
202.50	202.51	FOL	0	taken from Lauren's Blackburn graphic log
206.70	206.71	VN	0	taken from Lauren's Blackburn graphic log
209.00	209.01	VN	0	taken from Lauren's Blackburn graphic log; qz-cc-asy vn
210.00	210.01	VN	0	taken from Lauren's Blackburn graphic log; qz-cc-asy vn
210.50	210.51	VN	0	taken from Lauren's Blackburn graphic log; qz-cc-asy vn
216.00	216.01	FOL	0	taken from Lauren's Blackburn graphic log; mass qz vn
220.00	220.01	VN	0	taken from Lauren's Blackburn graphic log; qz-cly vnlets, zoned and vuggy
221.00	221.01	VN	0	taken from Lauren's Blackburn graphic log
231.00	231.01	VN	0	taken from Lauren's Blackburn graphic log; qz-cly-asy vns

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-030
Length (m) 408.43
Log Date 29/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
241.10	241.11	FOL	0	taken from Lauren's Blackburn graphic log; cly-py vnlt
246.50	246.51	VN	0	taken from Lauren's Blackburn graphic log
252.50	252.51	FOL	0	taken from Lauren's Blackburn graphic log;
260.50	260.51	FOL	0	taken from Gilles Dessureau graphic log;
262.00	262.01	VN	0	taken from Gilles Dessureau graphic log;
262.50	262.80	VN	0	taken from Gilles Dessureau graphic log;
262.80	262.81	VN	0	taken from Gilles Dessureau graphic log;
263.90	263.95	VN	0	taken from Gilles Dessureau graphic log; qz-asy vn
265.00	265.01	FOL	0	taken from Gilles Dessureau graphic log;
266.50	266.51	VN	0	taken from Gilles Dessureau graphic log;
268.20	268.21	VN	0	taken from Gilles Dessureau graphic log; str 1 qz-asy vn; struc 2 is qz-jam vn w alpha 90 and beta 0
272.60	272.61	VN	0	taken from Gilles Dessureau graphic log;
274.85	274.86	VN	0	taken from Gilles Dessureau graphic log;
276.02	276.03	VN	0	taken from Gilles Dessureau graphic log;
285.50	285.51	FOL	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 160 or 149
286.51	286.52	FOL	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 150 (as measured) or 139 (after correction)
290.70	290.71	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 230 (as measured) or 240 (after correction)
292.50	292.51	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 330 (as measured) or 332 (after correction); qz-po-asy vn
295.50	295.80	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 340 (as measured) or 341 (after correction); qz-asy vn
297.30	297.31	FOL	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 170 (as measured) or 156 (after correction)
298.90	298.91	FOL	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 150 (as measured) or 139 (after correction)
302.10	302.11	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 330 (as measured) or 332 (after correction)
307.80	307.81	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 160 (as measured) or 146 (after correction)

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-030
Length (m) 408.43
Log Date 29/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
310.40	310.41	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 300 (as measured) or 305 (after correction); qz-50% aspy vn
311.20	311.21	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 330 (as measured) or 332 (after correction); qz-20% aspy vn
312.50	312.51	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 320 (as measured) or 3324 (after correction); qz-50% aspy vn
315.90	315.91	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 320 (as measured) or 323 (after correction); qz-50% aspy vn; foltn w alpha 10 and beta 140 (as measured) or 128 (as co
320.50	320.51	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 140 (as measured) or 128 (after correction); aspy-py vn
322.80	322.81	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 310 (as measured) or 314 (after correction); qz-asy-py vn
326.30	326.31	VN	0	taken from Gilles Dessureau graphic log; aspy-qz vn
328.30	328.31	VN	0	taken from Gilles Dessureau graphic log; qz-asy vn; foltn w alpha 20 and beta 130 (as measured) or 119 (as corrected)
333.40	333.41	SH	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 220 (as measured) or 231 (after correction); SH code was used to express FAULT
334.10	334.11	FOL	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 110 (as measured) or 092 (after correction);
334.40	334.41	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 290 (as measured) or 296 (after correction); qz-asy vn
343.00	343.01	VN	0	taken from Gilles Dessureau graphic log; Ca vn
345.00	345.01	VN	0	taken from Gilles Dessureau graphic log; Ca vn
351.90	351.91	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 320 (as measured) or 324 (after correction); qz-asy vn
352.50	352.51	VN	0	taken from Gilles Dessureau graphic log; qz-asy vn
353.00	353.01	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 330 (as measured) or 331 (after correction); qz-asy vn
355.10	355.11	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 325 (as measured) or 328 (after correction); qz-30% aspy vn
358.40	358.41	VN	0	taken from Gilles Dessureau graphic log; NOTE as it is not certain if smaller protractor used, beta is questionable and it can be either 330 (as measured) or 332 (after correction); qz-asy vn

Project Gold Dome (Sheelite) - Yukon

Area Aorta

Golden Predator

Program 2010

Logger Lauren Blackburn

Hole name

GDDH-10-030

Length (m)

408.43

Log Date

29/08/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
375.35	375.36	VN	0	taken from Gilles Dessureau graphic log; qz-asy py vn
376.05	376.06	VN	0	taken from Gilles Dessureau graphic log; qz-10%asy py vn
377.20	377.21	VN	0	taken from Gilles Dessureau graphic log; qz-asy py vn
378.90	378.91	VN	0	taken from Gilles Dessureau graphic log; qz-10%asy py vn
385.30	385.31	VN	0	taken from Gilles Dessureau graphic log;
388.90	388.91	VN	0	taken from Gilles Dessureau graphic log;
398.40	398.41	VN	0	taken from Gilles Dessureau graphic log;
398.50	398.51	VN	0	taken from Gilles Dessureau graphic log;
402.10	402.11	VN	0	taken from Gilles Dessureau graphic log; qz-asy py vn

Project Gold Dome (Sheelite) - Yukon

Area Aorta

Golden Predator

Program 2010

Hole Type Diamond Drill Core Hole

Hole name GDDH-10-031

Length (m) 316.99

Size NQ2

Drill Contractor Peak

Drill Rig EF-50

Date Started 24/08/2010

Date Finished 29/08/2010

Other Hole name AUD-022-Aort

Cassing Pulled Yes

Cassing (m) 12.19

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Lauren Blackburn

Target

Log Date 08/10/2010

Hole Comments surveyed by Jeff Cary, logged by Lauren Blackburn, last 40 meters logged by Karin Fecova; survey tools: GPS and compass

Collar survey Date

Survey By Jeff Cary

Method Handheld GPS

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	440,206.00	7,072,781.00	1,223.00	250.00	-50.00
Preferred	UTM83-8	440,206.00	7,072,781.00	1,223.00	250.00	
Local	LOCL_AuDom	7,061.88	6,770.55	1,223.00	295.00	
Lat Long						

Down-hole surveys

SurveyDHDesc	mDepth	Dip	AzOrig	AzLocal	AzPref	AzMag	MagField	Remarks
EZ Shot	40.00	-48.60	255.65		255.65	232.40	5,765.00	correction factor=magnetic declination used 23 deg 25 min; surveyed by Norm Savoie; roll(toolface) rel to dip:298.3; temperature: 9.7 deg of Celsius
EZ Shot	130.00	-45.90	260.55		260.55	237.30	5,745.00	correction factor=magnetic declination used 23 deg 25 min; surveyed by Norm Savoie; roll(toolface) rel to dip:178.6; temperature: 10.4 deg of Celsius
EZ Shot	220.00	-44.90	267.65		267.65	244.40	5,782.00	correction factor=magnetic declination used 23 deg 25 min; surveyed by Norm Savoie; roll(toolface) rel to dip:308.3; temperature: 10.7 deg of Celsius

EZ Shot	316.00	-41.80	276.15		276.15	252.90	5,769.00	correction factor=magnetic declination used 23 deg 25 min; surveyed by Norm Savoie; roll(toolface) rel to dip:252.3; temperature: 10 deg of Celsius

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10150836	30/10/2010	12.79	76.40	0
ALS	QC-OK	TR10150837	30/10/2010	76.40	137.70	0
ALS	QC-OK	TR10150838	31/10/2010	137.70	199.60	0
ALS	QC-OK	TR10150839	31/10/2010	199.60	259.10	0
ALS	QC-OK	TR10153021	31/10/2010	259.10	316.99	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
I097416	41.00	43.00	2-FDU	0	0.02	2.24	TR10150836
I097454	105.35	107.10	2-FDU	0	0.11	2.02	TR10150837
I097480	149.50	151.50	2-FDU	0	0.02	2.45	TR10150838
I097540	250.85	252.85	2-FDU	0	0.01	2.32	TR10150839
I097568	294.40	295.40	2-FDU	0	0.04	1.31	TR10153021
I097424			Blk	0	0.00	0.38	TR10150836
I097442			Blk	0	0.00	0.46	TR10150837
I097487			Blk	0	0.00	0.58	TR10150838
I097527			Blk	0	0.00	0.38	TR10150839
I097557			Blk	0	0.00	0.39	TR10153021
I097432			SRM_OR-15h	0	1.02	0.09	TR10150836
I097513			SRM_OR-15h	0	1.02	0.09	TR10150839
I097468			SRM_OR-16b	0	2.24	0.09	TR10150837
I097504			SRM_OR-16b	0	2.25	0.10	TR10150838
I097551			SRM_OR-16b	0	2.23	0.09	TR10153021

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
42	41	33	100	0	106	55	0	0

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator

Program 2010

Logger Lauren Blackbu

Hole name GDDH-10-031

Length (m)	316.99

Log Date 08/10/2010

[illegible]

Golden Predator
Program 2010
Logger Lauren Blackburn

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
18.29					Xp			FEO4BAND														
I0974020.0250.5652					18.35			18.35														
20.15					Xp			FEO4BAND			20.15											
I0974030.0310.21045					20.15			20.15														
22.15																						
I0974040.0820.21020																						
24.15																						
I0974050.0070.1390																						
26.15																						
I0974060.1021.21745																						
28.00					XqXqp			FEO3BAND			0.5FRA0.5FRA											
I0974070.0520.2784																						
29.85																						
I0974080.1261.5759																						
31.70																						
I0974090.0890.51445																						

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator

Program 2010

Logger Lauren Blackbu

Hole name GDDH-10-031

Length (m)	316.99

Log Date 08/10/2010

[illegible]

Hole name	GDDH-10-031
Length (m)	316.99
Log Date	08/10/2010

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackbu

Hole name GDDH-10-031
Length (m) 316.99
Log Date 08/10/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	I097430	0.036	0.1	318	Xh			74.15	FEO	1		74.15	0.5	VN	0.5	VN						
67.40																						
68.30	I097431	1.225	0.3	10000																		
	I097433	0.007	0.1	130																		
70.30																						
	I097434	0.006	0.1	40	Xh			76.40	SI	5	PER	76.40	0.5	VN	0.5	VN						
72.15																						
	I097435	0.027	0.3	198																		
74.15																						
	I097436	0.102	0.4	1340																		
76.40					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
	I097437	0.091	0.1	780																		
77.90																						
79.60	I097438	0.011	0.1	487																		
	I097439	0.086	0.1	2340																		
81.25					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
	I097440	0.202	0.2	877																		
82.30																						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						
					Xqp			83.14	SI	5	PER	83.14	0.5	VN	0.5	VN						

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator

Program 2010

Logger Lauren Blackbu

Hole name GDDH-10-031

Length (m)	316.99

Log Date 08/10/2010

Assays					Litho			Alteration			Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur	
	I097441	0.084	0.1	1195		Xqp			FEO	5	PER		No Data					
85.34					85.34			85.34				85.34						
	I097443	0.029	0.1	211														
87.35																		
	I097444	0.068	0.1	2230														
89.35																		
	I097445	0.033	0.1	453														
91.35																		
	I097446	0.074	0.1	134														
93.35																		
	I097447	1.16	0.4	1820														
95.35																		
	I097448	0.104	0.5	1710	Xqp	Xp		SI	5	PER				0.5	VN			
97.35																		
	I097449	0.011	0.1	213														
99.35																		

Hole name	GDDH-10-031
Length (m)	316.99
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Golden Predator
Program 2010
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[illegible]

Hole name	GDDH-10-031
Length (m)	316.99
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Hole name	GDDH-10-031
Length (m)	316.99
Log Date	08/10/2010

Golden Predator
Program 2010
Logger Lauren Blackburn

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
	I097491	0.192	0.1	2710																		
171.50																						
	I097492	0.083	0.1	608																		
173.50																						
	I097493	0.02	0.1	115																		
175.50																						
	I097494	0.0025	0.1	46																		
177.50																						
	I097495	0.032	0.1	191																		
179.50																						
	I097496	0.509	0.1	3060																		
181.60																						
	I097497	0.477	0.2	3030																		
182.75																						
183.60	I097498	0.028	0.1	315																		
	I097499	0.085	0.8	1275																		
185.15																						
	I097500	0.0025	0.1	28																		
186.60																						

Golden Predator
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Hole name	GDDH-10-031
Length (m)	316.99
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[illegible]

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name	GDDH-10-031
Length (m)	316.99
Log Date	08/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
205.65	I097512	0.26	27.9	5470				208.80				208.80										
207.00	I097514	0.079	0.4	261																		
208.80	I097515	0.024	0.2	120																		
210.80	I097516	0.043	0.3	607				208.80														
212.80	I097517	0.007	0.1	33																		
214.80	I097518	0.051	0.2	662																		
216.80	I097519	0.053	0.2	270																		
218.80	I097520	0.1	0.1	265																		
220.80	I097521	0.008	0.1	82	Xh			SI	5	PER		0.5	VN	0.5	VN							

Hole name	GDDH-10-031
Length (m)	316.99
Log Date	08/10/2010

Golden Predator
Program 2010
Logger Lauren Blackburn

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
	I097532	0.0025	0.1	22	239.55																	
	I097533	0.0025	0.1	77																		
	I097534	0.005	0.1	26																		
	I097535	0.013	0.2	127																		
	I097536	0.005	0.1	37																		
	I097537	0.0025	0.2	139																		
	I097538	0.016	0.1	321																		
	I097539	0.007	0.2	4																		
	I097541	0.029	1.3	236																		

Hole name	GDDH-10-031
Length (m)	316.99
Log Date	08/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
256.35	I097542	0.008	0.3	92	266.15			266.15				266.15										
257.45	I097543	0.0025	0.1	87																		
259.10	I097545	0.012	0.2	102																		
261.10	I097546	0.104	2	1980																		
262.75	I097547	0.013	0.1	440																		
264.45	I097548	0.114	0.1	153																		
266.15	I097549	0.006	0.2	73																		
267.75	I097550	0.024	0.2	198	Xq			QW	3	PER	No Data											
269.45	I097552	0.023	0.1	295	Xqp			QW	2	PER	0.5	VN										
271.18	I097553	0.032	0.1	243																		

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
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Hole name GDDH-10-031
Length (m) 316.99
Log Date 08/10/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
	I097554	0.115	0.4	764																	
273.20																					
	I097555	0.094	0.4	638																	
275.20																					
	I097556	0.188	0.1	243		Xqp			SI	5	PER										
277.20																					
	I097558	0.066	0.1	428																	
279.20																					
	I097559	0.051	0.1	107	279.85			279.85				279.85									
281.20																					
	I097560	0.023	0.1	95		Xqp			SI	6	PER		No Data								
283.46					283.66			283.66													
	I097561	0.007	0.1	68		Xq			WM	4	PER										
284.60					284.66			284.66				284.66									
	I097562	0.045	0.2	151		Xqp															
286.51												286.39	No Data								
					287.10			287.10	CL	4	PER	286.70	No Data								
						Xqp			WM	4	PER										
	I097563	0.019	0.2	167									No Data								
												288.30									
												288.80									

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
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Hole name GDDH-10-031
Length (m) 316.99
Log Date 08/10/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
289.58					Xqp			292.18	CL	4	PER	289.10	No Data						
	I097564	0.016	0.1	296									No Data						
292.18													290.00						
293.30	I097565	0.009	0.1	41	Xqp			293.30	WM	4	PER	294.40	No Data						
294.40	I097566	0.189	0.1	927	Xqp			294.40	WM	4	PER								
295.40	I097567	0.046	0.4	477	Xq			295.50	WM	4	PER								
	I097569	0.036	0.1	30	Xqp				WM	4	PER	296.00	No Data						
	I097570	0.017	0.1	163									298.80	No Data					
	I097571	0.036	0.2	193															
	I097572	0.046	0.1	257															
	I097573	0.015	0.3	156															
	I097574	0.034	0.2	76															

Golden Predator
Program 2010
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[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-031
Length (m) 316.99
Log Date 08/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	12.79	CAS	0	cas
12.79	18.35	Xp	0	code Xp(t) likely represents graphitic phyllite
18.35	20.15	Xp	0	code Xp(t) likely represents graphitic phyllite+/- bxd
20.15	35.50	Xq	0	Xq-cg as lith 1, 90%
35.50	39.00	Xqp	0	Xpq 60%, Xq-cg 38%, Xp(t) 2%; graphite?
39.00	47.00	Xh	0	Xh-cg 80%, Xh-pq 20%
47.00	58.35	Xh	0	Xh-cg 90%, Xh-pq 10%
58.35	74.15	Xh	0	Xk**
74.15	76.40	Xh	0	Xkcg
76.40	83.14	Xqp	0	Xk**
83.14	85.34	Xqp	0	Xk**
85.34	107.40	Xqp	0	Xk**pq 97%; Xp(t) 3%
107.40	107.85	GG	0	UNK
107.85	112.80	Xqp	0	Xk**
112.80	114.65	Xqp	0	Xk**
114.65	122.50	Xqp	0	Xp(t) as lith 2 2%; graphite?
122.50	125.15	Xqp	0	Xk** cg
125.15	127.15	Xqp	0	Xk**
127.15	127.33	Xqp	0	Xk**
127.33	131.70	Xqp	0	Xk**cg
131.70	143.50	Xqp	0	Xk**88%, Xp(t) 10%, Ip 2%; graphite?
143.50	189.65	Xqp	0	Xk**; endoskarn-like hole 030, preserved porh intrusive, but no vis qtz; gt+dio, spotted text, mostly cm altern w small bands of qw altern near preservd intrusive
189.65	193.95	Xqp	0	Xk**
193.95	195.00	GG	0	UNK
195.00	196.10	Xqp	0	Xk** 90%; graphite?
196.10	208.80	Xq	0	Xk**cg 95%; graphite?
208.80	228.28	Xh	0	Xk**gt+dio
228.28	228.60	Xqp	0	Xpq
228.60	266.15	Xqp	0	Xk**
266.15	267.75	Xq	0	Xk**cg
267.75	271.18	Xqp	0	Xk**
271.18	279.85	Xqp	0	Xk**

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-031
Length (m) 316.99
Log Date 08/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
279.85	283.66	Xqp	0	domin chlor-bio-ser-andal schist, silicd, fainting foltn outline, qz rich, 281-m qz fg gyl 3 mm thick w no vis min 1 cm ser halo cuttng across foltn and sinistr offsetng vfol (pic 0885) w alpha 35; the entire interval has~ 3% ser-ank hairline planar fracs w no vis min , w up to 2 cm ser haloabout 35 deg TCA and 1% 1mm py and aspy in fracs and halos;
283.66	284.66	Xq	0	ser domnt qz schist w silicfn, oblitrn of text and struct, no vis min
284.66	287.10	Xqp	0	chlor domt-bio-gt?-andal schist w 70% qz mfol wh fg at 285.4-286m w chlor and po as usual; qz-ser strs w ser halo and minor py and aspy in selvs and halo
287.10	287.80	Xqp	0	dom ser qz schist w chlor domnt patches; qz ser hairline planar fracs 1-30 cm apart w ser or chlor halos followd by ser halo at cm scale, most of the within ser zone w 2 % vfg diss py, less aspy in str, fracs, and zone inbetween
287.80	292.18	Xqp	0	domt chlor-bio schist w 65% qz mfol, qz-ser strngs grlgyl w 5mm ser halo about 40 cm apart, fg w 1% 1 mm aspy in selvs and halo, ser hailrin fracs ; mod-str silicfd interval;
292.18	293.30	Xqp	0	domint ser-chlor schist, silicfd w oblitr texture w 1-2% wh 1-2 mm round grains (qz or fspar? Locally); 2% ser hairline planar fracs
293.30	294.40	Xqp	0	chlor-bio, qz rich silicfd unit w oblitr text and 1% ser planar fracs;
294.40	295.50	Xq	0	sillcfd oblitr text ser qz schist with chlor-ser subintervals and 20% qz rich/qz mfol fg gyl w chlor+po as usual; set of 7 qz ser hairline fracs and strings at 30 deg TCA w 2% vfdiss aspy and py in strngs and up to 2 cm thcik ser halos
295.50	300.60	Xqp	0	domnt chlor-bio-ser schist, darker and lighter bands at 2-4mm scale w 40% qz mfol, qz vfol fg pul no sr halo no vis min ; incl also set of qz-ser hairli-str-vn (4 mm thick) faded margs gyl w 1~ 1-2 mm aspy and py in slevs and 1 cm ser halo,
300.60	316.99	Xqp	0	domint chlor-bio-gt schist (after eight) appearance (pic 0886) w a few subintervals of higher abundance of vfol (30-60%), qz sh vn 1 cm thick wh (20% cc)-gyl fmg no ser halo w chlor filling 2mm frac in the central zone of vn, but the frac is irreg and propagates from center to close to wall and than back to center and close to the opposite wall

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
279.85	283.66	SI	0	domin chlor-bio-ser-andal schist, silicd, fainting foltn outline, qz rich,
283.66	284.66	WM	0	ser domnt schist w silicfn, oblitrn of text and struct, no vis min
284.66	287.10	CL	0	chlor domt-bio-gt?-andal schist w ser altrn restric to vns
287.10	287.80	WM	0	dom ser schist w chlor domnt patches, ser eitehr perv in lith or restrictd to vn
287.80	292.18	CL	0	domt chlor-bio schist w ser altrn restrictd to vns

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-031
Length (m) 316.99
Log Date 08/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
292.18	293.30	WM	0	domint ser-chlor schist, silicfd w oblitr texture w 1-2% wh 1-2 mm round grains (qz or fspar? Locally); 2% ser hairline planar fracs
293.30	294.40	WM	0	chlor-bio, qz rich silicfd unit w oblitr text and 1% ser planar fracs;
294.40	295.50	WM	0	sillcfd oblitr text ser schist with chlor-ser subintervals and ser altern also in vn and around vns
295.50	300.60	WM	0	domnt chlor-bio-ser schist, darker and lighter bands at 2-4mm scale w ser altern also in vn and around vns
300.60	316.99	CL	0	domint chlor-bio-gt schist (after eight) appearance (pic 0886) w a few subintervals of higher abundance of vfol (30-60%)

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
131.70	143.50	ASPY	0	sul in min 7: wolframite
143.50	189.65	ASPY	0	sul in min 7: wolframite and boulangerite
189.65	193.95	JAM	0	sul in min 6: boulangerite
208.80	228.28	PO	0	sul in min 6: boulangerite
286.40	286.41	ASPY	0	286.4m qz-ser str gyl fg w 1 cm ser halo and 1% vfg py and aspy in selv and halo, w alpha 50;
286.70	287.90	ASPY	0	286.7-287.9m set of 13 qz ser hairline planar fracs 1-30 cm apart w ser or chlor halos followd by ser halo at cm scale, most of the within ser zone w 2 % vfg diss py, less aspy in str, fracs, and zone inbetween w alpha 45 and beta 250;
288.30	288.80	PO	0	domt chlor-bio schist w 65% qz mfol wh fg from 288.3-288.8m;
289.10	289.60	AS	0	289.1-289.6m set of three qz-ser strngs grlgyl w 5mm ser halo about 40 cm apart, fg w 1% 1 mm aspy in selv and halo, w alpha 45 deg TCA; this subunit inclds ser hairlin fracs at -20 deg TCA wrt the above mentnd set no vis min; mod-str silicfd interval;
290.00	292.00	ASPY	0	290-292m set of qz-ser hair, strng and vein w alpha 40 and beta 250, seems to be the same orientn than the above one w alpha 45; string and vn are 2-90 cm apart, w 2% 1-2mm aspy and py in selv and up to 10 cm ser halo;
294.40	295.50	PO	0	20% qz rich/qz mfol fg gyl w chlor+po as usual; set of 7 qz ser hairline fracs and strings at 30 deg TCA w 2% vfdiss aspy and py in strngs and up to 2 cm thcik ser halos
296.00	296.80	PO	0	40% qz mfol from 296-296.8m
296.80	298.40	ASPY	0	incl also set of 9 qz-ser hairli-str-vn (4 mm thick) faded margs gyl w 1~ 1-2 mm aspy and py in selv and 1 cm ser halo, fracs-strn vn spaced from 5mm to 90 cm w alpha 45 and beta 250;

Project Gold Dome (Sheelite) - Yukon
Area Aorta

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Length (m) 316.99
Log Date 08/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
298.80	300.50	ASPY	0	298.8-300.5m set of 9 qz ser hairl fracs-str vn (5mm thcik) fad margs gyl fg, about 10 cm apart w up to 5 mm ser halo and 1% 1-2mm aspy and py in selvs and halos w alpha 35 and beta 220; incl vfol fg gyl in cross cutting relationship w sh vn but hard to say what is cutting what (blended), 1cm thick chlor+po as usual and alpha 60 and beta 090;
315.65	315.65	ASPY	0	315.65m qz sh vn 1 cm thick wh (20% cc)-gyl fmg no ser halo w chlor filling 2mm frac in the central zone of vn, but the frac is irreg and propagates from center to close to wall and than back to center and close to the opposite wall, w alpha 20 and beta 236 w 2% 1-2 mm py and aspy in vn, selv and adjacnt 1 cm zone;

VEINS

mFrom	mTo	Vein1	Relog	Comments
279.85	280.95	QCWM	0	the entire interval has~ 3% ser-ank hairline planar fracs w no vis min , w up to 2 cm ser halo about 35 deg TCA and 1% 1mm py and aspy in fracs and halos;
281.00	281.01	QW	0	281m qz fg gyl 3 mm thick w no vis min 1 cm ser halo cuttng across foltn and sinistr offsetng vfol (see pic) w alpha 35;
281.05	283.66	QCWM	0	the entire interval has~ 3% ser-ank hairline planar fracs w no vis min , w up to 2 cm ser halo about 35 deg TCA and 1% 1mm py and aspy in fracs and halos;
285.40	286.00	QCS	0	70% qz mfol wh fg w chlor and po as usual
286.40	286.41	QWS	0	286.4m qz-ser str gyl fg w 1 cm ser halo and 1% vfg py and aspy in selvs and halo, w alpha 50;
286.70	287.58	QWS	0	286.7-287.9m set of 13 qz ser hairline planar fracs 1-30 cm apart w ser or chlor halos followd by ser halo at cm scale, most of the within ser zone w 2 % vfg diss py, less aspy in str, chlor domt-bio-gt?-andal schist w fracs, and zone inbetween;
287.58	287.59	QCS	0	at 287.58m 2 cm thcik wh fg vfol w alpha 55 and beta 090;
288.30	288.80	QCS	0	65% qz mfol wh fg from 288.3-288.8m;
289.10	289.60	QWS	0	289.1-289.6m set of three qz-ser strngs grlgyl w 5mm ser halo about 40 cm apart, fg w 1% 1 mm aspy in selvs and halo, w alpha 45 deg TCA; this subunit inclds ser hailrin fracs at -20 deg TCA wrt the above mentnd set no vis min; mod-str silicfd interval
290.00	292.00	QWS	0	290-292m set of qz-ser hair, strng and vein w alpha 40 and beta 250, seems to be the same orientn than the above one w alpha 45; string and vn are 2-90 cm apart, w 2% 1-2mm aspy and py in selvs and up to 10 cm ser halo;
292.05	292.06	QCL	0	292.05m qz vfol 7 mm thcik fg gyl no halo no vis min w alpha 60 and beta 130;
292.18	293.30	WM	0	2% ser hairline planar fracs
293.30	294.40	WM	0	1% ser planar fracs;

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-031
Length (m) 316.99
Log Date 08/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
294.40	295.50	QCS	0	20% qz rich/qz mfol fg gyl w chlor+po as usual; set of 7 qz ser hairline fracs and strings at 30 deg TCA w 2% vfdiss aspy and py in strngs and up to 2 cm thick ser halos
296.00	296.80	QCS	0	40% qz mfol from 296-296.8m;
296.80	298.40	QCS	0	296.8-298.4m upper qz vfol fg pul no sr halo no vis min w alpha 50 and beta 100; incl also set of 9 qz-ser hairli-str-vn (4 mm thick) faded margs gyl w 1~ 1-2 mm aspy and py in slevs and 1 cm ser halo, fracs-strn vn spaced from 5mm to 90 cm w alpha 45 an
298.80	300.50	QWS	0	298.8-300.5m set of 9 qz ser hairl fracs-str vn (5mm thcik) fad margs gyl fg, about 10 cm apart w up to 5 mm ser halo and 1% 1-2mm aspy and py in selvs and halos w alpha 35 and beta 220; incl vfol fg gyl in cross cutting relationship w sh vn but hard to s
300.60	302.00	QCS	0	a few subintervals of higher abundance of vfol (30-60%) at 301-301.1m,
302.00	302.10	QCS	0	a few subintervals of higher abundance of vfol (30-60%) at 302-302.1m,
303.43	303.70	QCS	0	a few subintervals of higher abundance of vfol (30-60%) at 303.43-303.7m,
304.54	304.70	QCS	0	a few subintervals of higher abundance of vfol (30-60%) at 304.53-304.7m,
310.60	313.80	QZ	0	310.6-313.8m; these vfol vns are 4-1 cm thick fg gyl w chlor frags and blebs of po as usual;
315.65	315.66	QCS	0	315.65m qz sh vn 1 cm thick wh (20% cc)-gyl fmg no ser halo w chlor filling 2mm frac in the central zone of vn, but the frac is irreg and propagates from center to close to wall and than back to center and close to the opposite wall, w alpha 20 and beta 2

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments
41.10	41.11	VN	0	qz-fspar-asy py vn
46.20	46.21	VN	0	qz-fspar-asy py vn
67.65	67.66	VN	0	qz-fspar-cc-asy py and po vn
67.90	67.91	VN	0	qz-fspar-cc-asy py and po vn
110.20	110.21	VN	0	hairline cc vns, also w 035 deg wrt CA
116.10	116.11	VN	0	qz-cl vn
125.30	125.31	VN	0	qz-asy py vn
126.20	126.21	VN	0	vn1: qz-chl-ser-asy py vn; vn2: qz-chlor-asy py vfol
129.67	129.68	VN	0	qz-fspar-chlor-cc vn
134.20	134.21	VN	0	qz-fspar-chl vn, ext, hair, some w alpha 33,beta 254 and alpha 63,beta 210
136.40	136.41	VN	0	qz-asy py vn
143.75	143.76	VN	0	qz-fspar-cc vn; folt w alpha 64 and beta 095
145.70	145.71	VN	0	qz-asy py vn, sinistr offset

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-031
Length (m) 316.99
Log Date 08/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
151.50	151.51	FOL	0	qz-asy py vn w alpha 38 and beta 274
152.35	152.36	VN	0	qz vn, nod
158.30	158.31	VN	0	qz vn
158.95	158.96	VN	0	str 1 is qz-cc-asy py vn
159.45	159.46	FOL	0	qz-fspar-py vn
169.70	169.71	VN	0	str 1 py vnlt
182.25	182.26	VN	0	qz-cc-asy py vn
183.90	183.91	VN	0	qz-jam vn
190.75	190.92	VN	0	qz-jam-boul vn
199.00	199.01	VN	0	py vnlt
204.00	204.01	VN	0	qz-asy py vn
204.65	204.66	VN	0	qz-asy py-jam vn
205.50	205.51	VN	0	qz-asy py-jam vn
208.00	208.01	VN	0	ank vn
210.35	210.36	VN	0	qz-asy py vn
227.00	227.01	VN	0	qz-boul-jam vn
234.01	234.02	VN	0	no vis min
238.67	238.68	FOL	0	qz-cc vn
252.80	252.81	VN	0	qz-cc-sb-py vn
259.30	259.37	VN	0	qz-jam-boul vn (sul in microfracs)
268.38	268.39	VN	0	qz-chlor-asy py-cc vn
279.85	280.99	VN	0	the entire interval has~ 3% ser-ank hairline planar fracs w no vis min , w up to 2 cm ser halo about 35 deg TCA and 1% 1mm py and aspy in fracs and halos;
281.00	281.01	VN	0	281m qz fg gyl 3 mm thick w no vis min 1 cm ser halo cuttng across foltn and sinistr offsetng vfol (see pic) w alpha 35;
281.01	283.66	VN	0	the entire interval has~ 3% ser-ank hairline planar fracs w no vis min , w up to 2 cm ser halo about 35 deg TCA and 1% 1mm py and aspy in fracs and halos;
286.40	286.41	VN	0	286.4m qz-ser str gyl fg w 1 cm ser halo and 1% vfg py and aspy in selvs and halo, w alpha 50;
286.70	287.58	VN	0	286.7-287.9m set of 13 qz ser hairline planar fracs 1-30 cm apart w ser or chlor halos followd by ser halo at cm scale, most of the within ser zone w 2 % vfg diss py, less aspy in str, fracs, and zone inbetween w alpha 45 and beta 250;
287.58	287.59	VN	0	at 287.58m 2 cm thcik wh fg vfol w alpha 55 and beta 090;

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Lauren Blackburn

Hole name GDDH-10-031
Length (m) 316.99
Log Date 08/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
289.10	289.60	VN	0	289.1-289.6m set of three qz-ser strngs grlgyl w 5mm ser halo about 40 cm apart, fg w 1% 1 mm aspy in selvs and halo, w alpha 45 deg TCA; this subunit inclds ser hailrin fracs at -20 deg TCA wrt the above mentnd set no vis min
290.00	292.00	VN	0	290-292m set of qz-ser hair, strng and vein w alpha 40 and beta 250, seems to be the same orientn than the above one w alpha 45; string and vn are 2-90 cm apart, w 2% 1-2mm aspy and py in selvs and up to 10 cm ser halo;
292.05	292.06	VN	0	292.05m qz vfol 7 mm thcik fg gyl no halo no vis min w alpha 60 and beta 130;
294.40	295.50	FRA	0	set of 7 qz ser hairline fracs and strings at 30 deg TCA w 2% vfdiss aspy and py in strngs and up to 2 cm thcik ser halos
295.50	298.80	VN	0	296.8-298.4m upper qz vfol fg pul no sr halo no vis min w alpha 50 and beta 100; incl also set of 9 qz-ser hairli-str-vn (4 mm thick) faded margs gyl w 1~ 1-2 mm aspy and py in slevs and 1 cm ser halo, fracs-strn vn spaced from 5mm to 90 cm w alpha 45 an
298.80	300.50	VN	0	298.8-300.5m set of 9 qz ser hairl fracs-str vn (5mm thcik) fad margs gyl fg, about 10 cm apart w up to 5 mm ser halo and 1% 1-2mm aspy and py in selvs and halos w alpha 35 and beta 220; incl vfol fg gyl in cross cutting relationship w sh vn but hard to s
301.80	301.81	FOL	0	foltn at 301.8 w alpha 55 and beta 080
304.80	304.81	FOL	0	foltn at 304.8m w alpha 62 and beta 089;
314.50	314.51	FOL	0	foltn at 314.5m w alpha 47 and beta 073;
315.65	315.66	VN	0	315.65m qz sh vn 1 cm thick wh (20% cc)-gyl fmg no ser halo w chlor filling 2mm frac in the central zone of vn, but the frac is irreg and propagates from center to close to wall and than back to center and close to the opposite wall, w alpha 20 and beta

Project Gold Dome (Sheelite) - Yukon

Area Tom

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-001

Length (m) 80.77

Size 5.25

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 06/07/2010

Date Finished 08/07/2010

Other Hole name AUD-006-Tom

Cassing Pulled Yes

Cassing (m) 9.15

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Target

Log Date 05/11/2010

Hole Comments logged by Shane Carlos; the drilling started in the morning on July 6th; after drilling 5 feet, the clutch broke down, black smoke came out of the exhaust; they fixed it in a few hours and continued drilling on

Collar survey Date

Survey By Joanna Hodge

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,680.00	7,071,630.00	1,203.61	308.00	-50.00
Preferred	UTM83-8	437,680.00	7,071,630.00	1,203.61	308.00	
Local	LOCL_AuDom	4,461.84	7,742.82	1,203.61	353.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10098946	05/08/2010	50.30	80.79	0
ALS	QC-OK	WH10098948	04/08/2010	0.00	50.30	0
ALS	QC-OK	WH10137371	05/10/2010	21.34	30.48	1

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10019	25.91	27.44	2-FDU	0	5.86	8.78	WH10098948
RC10050	67.07	68.60	2-FDU	0	0.01	5.65	WH10098946
RC11100	25.91	27.43	2-FDU	1	2.35	5.48	WH10137371
RC00012			Blk	1	0.01	0.40	WH10137371
RC10030			Blk	0	0.00	0.31	WH10098948
RC10040			Blk	0	0.00	0.20	WH10098946
RC10010			SRM OR-15h	0	0.83	0.05	WH10098948

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
20	25	27	0	0	0	6	0	0

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-001
Length (m)	80.77
Log Date	05/11/2010

[illegible]

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-001
Length (m)	80.77
Log Date	05/11/2010

Assays					Litho			Alteration				Mineralization																
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur						
35.06	RC10025	0.019			No Data			38.10	FEO	1		35.05																
36.59	RC10026	0.014																	36.58	0.5	LITH							
38.11	RC10027	0.012																	38.10			0.5	LITH					
39.63	RC10028	0.096			Xqp			39.62	CC	1		39.62	No Data															
41.16	RC10029	0.038			Xqp			41.15	FEO	1		41.15																
42.68	RC10031	0.043			Xqp			42.67	No Data			42.67	0.5	LITH														
44.21	RC10032	0.033			Xqp			44.20	FEO	1		44.20	0.5		0.5	LITH												
45.73	RC10033	0.023													No Data													
47.26	RC10034	0.014													47.24	0.5	LITH											
48.78	RC10035	0.008										FEO	1		48.77			0.5	LITH									
50.30	RC10036	0.687													50.29	0.5	LITH											

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-001
Length (m) 80.77
Log Date 05/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
51.83	RC10037	0.222			51.82			51.82				51.82	0.5									
53.35	RC10038	0.011			Xqp			54.86	CC	1		53.34	No Data									
54.88	RC10039	0.008										54.86	0.5	LITH								
56.40	RC10041	0.005						56.39	0.5													
57.93	RC10042	0.007						57.91	0.5	LITH												
59.45	RC10043	0.016			Xqp			60.96	CC	1		59.44	No Data									
60.98	RC10044	0.011										60.96	1.5	LITH								
62.50	RC10045	0.017			Xqp			64.01	FEO	1		62.48	1.5									
64.02	RC10046	0.007										64.01	0.5	LITH								
65.55	RC10047	0.007			Xqp			65.53	No Data			65.53	No Data									
67.07	RC10048	0.005			Xqp			67.06	FEO	1		67.06			0.5	VN						

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-001
Length (m) 80.77
Log Date 05/11/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	
	RC10049	0.016				Xqp			CC	1		68.58									
68.60																					
	RC10051	0.012										70.10		0.5	LITH						
70.12					71.63			71.63					0.5	LITH							
	RC10052	0.017										71.63									
71.65																					
	RC10053	0.012			Xh				FEO	1			0.5								
73.17					73.15			73.15				73.15									
	RC10054	0.01				Xqp			CC	1				0.5							
74.70												74.68									
	RC10055	0.007												0.5	LITH						
76.22					77.72																
	RC10056	0.0025											No Data								
77.74												77.72									
	RC10057	0.005				Xqp								0.5	LITH						
79.27												79.25									
	RC10058	0.013											0.5	0.5	LITH						
80.79					80.77			80.77				80.77									

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-001
Length (m) 80.77
Log Date 05/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	6.10	Xqp	0	No reaction to HCL-. Muscovite-chlorite+-biotite schist, with trace tourmalines, porphyroblasts of ilmenite(?), ~20-30% quartz
6.10	16.76	Xh	0	No to weak reaction to HCL-. lith1 min: a+q+b; Very fine grained fibrous texture from the abundant clear to light green crystals, tremolite-actinolite series?, pyroxene?, appears soft when scratched but is due to the fine fibers breaking off. Abundant quartz/quartz layers and calcite is present. Has a mottled texture due to the green fibrous mineral? Patches amongst white quartz and white calcite. Actinolite/tremolite is the most abundant mineral in this interval, biotite is least. At the least, the fibrous mineral probably leans toward a calc-silicate, though I can't be sure what it is. After, seeing some radiating minerals in GDRC-10-006, I was thinking maybe epidote or other minerals. So, on second thought, there is a good range of minerals, that on this fine size, are all fairly good look-alikes, maybe a fibrous pyroxene is present, and we are dealing with skarn mineralogy.
16.76	19.81	Xqp	0	Silicified. Lith1 min: m+c+b; Weak reaction to HCL-. Borders on a phyllite due to some very fine foliations that just sheen. Muscovite-chlorite+-biotite schist.
21.34	24.38	Xh	0	Silicified, weak reaction to HCL-. lith1 min: q+a; Very fine grained fibrous texture from the abundant clear to light green crystals, tremolite-actinolite series, appears soft when scratched but is due to the fine fibers breaking off. Abundant quartz/quartz layers and calcite is present. Has a mottled texture due to green actinolite patches amongst white quartz and white calcite. Quartz and calcite is more abundant than previous calc-silicate section. I can't be certain if the white fibrous minerals could be wollastonite or tremolite. At the least, the fibrous mineral probably leans toward a calc-silicate. After, seeing some radiating minerals in GDRC-10-006, I was thinking maybe epidote or other minerals. So, on second thought, there is a good range of minerals, that on this fine size, are all fairly good look-alikes, maybe a fibrous pyroxene is present, and we are dealing with skarn mineralogy.
24.38	28.96	Xqp	0	Little to no reaction to HCL-. Muscovite-biotite-chlorite schist. Biotites follow foliation, and appear as porphyroblasts
30.48	38.10	Xqp	0	+/- calcite along foliations (?), as fracture fills (veinlets) +/- trace pyr. Muscovite-biotite-chlorite schist.
38.10	39.62	Xqp	0	Weak reaction to HCL-. Lith1 min: m+b+c
39.62	41.15	Xqp	0	No reaction to HCL-.; Lith1 min: m+b+c
41.15	42.67	Xqp	0	No reaction to HCL-. Muscovite-biotite-chlorite schist with trace tourmalines.
42.67	51.82	Xqp	0	Little to no reaction with HCL-. Trace pyrite in qtz from 165-170'. Lith1 min: m+b+c
51.82	56.39	Xqp	0	Weak to moderate reaction with HCL-, +/- veinlet cc (180-185') and trace pyr in qtz (175-180'). Muscovite-bioite-chlorite schist, with trace tourmalines
56.39	57.91	Xqp	0	Moderate reaction to HCL-, veinlet calcite.; Lith1 min: m+b+c

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-001
Length (m) 80.77
Log Date 05/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
57.91	60.96	Xqp	0	Weak reaction to HCL- and meta-qtz veins from 195-200'. Muscovite-biotite-chlorite schist
60.96	64.01	Xqp	0	Weak to moderate reaction with HCL-. Silicified from 200-205'. Lith1 min: m+b+c
64.01	65.53	Xqp	0	Weak reaction to HCL-. Lith1 min: m+b+c
65.53	67.06	Xqp	0	Weak reaction to HCL; Lith1 min: m+b+c
67.06	71.63	Xqp	0	Weak reaction to HCL-. Biotite-rich and strongly foliated from 230-235'. Muscovite-chlorite-biotite schist. The porphyroblastic texture is very fine grained and consists of biotites and sometimes ilmenite.
71.63	73.15	Xh	0	Weak reaction to HCL-, Lith1 min: m+c+a; 'bow-ties' up to 6mm long, 1mm wide, light-brown, transparent, with black mineral inclusions, coarse fibrous (ie. Individual crystal are easily seen under microscope), ~semi-hard, maybe wollastonite, or possibly tremolite. A muscovite-chlorite-wollastonite/tremolite?-schist, the schistosity is very fine, also some very fine grained, trace tourmaline crystals that have no preferred orientation besides the foliation plane they are in. The poor schistosity and crystal overgrowths may be a sign of contact metamorphism.
73.15	77.72	Xqp	0	weak reaction to HCL-, ~20% quartz. Muscovite-chlorite+-biotite schist. With trace tourmaline and one rare crystal of aluminosilicate? Was altered to muscovite
77.72	80.77	Xqp	0	Weak reaction to HCL-. lith 1 min: m+c; A black, brittle, 'sooty' porphyroblastic mineral fairly common, non magnetic, probably an iron mineral, probably ilmenite. Muscovite-chlorite+-biotite schist. Also, trace tourmaline, very fine, nice six-sided elongate crystals.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
21.34	22.86	AS	0	in the white quartz-calc-silicate rock
47.24	48.77	AS	0	trace, also a rare green oxide occurring around a fine aggregate of dark grey sulfide
54.86	56.39	PO	0	trace
65.53	67.06	AS	0	trace
79.25	80.77	PO	0	arsenopyrite occurs

VEINS

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-001
Length (m) 80.77
Log Date 05/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
mFrom	mTo	Vein1	Relog	Comments
53.34	54.86	QC	0	calcite and quartz layers
54.86	56.39	QCL	0	no vis. mineralization
59.44	60.96	QCL	0	boudinaged quartz vein/metamorphic quartz lense
74.68	76.20	QCL	0	no mineralization
77.72	79.25	QCL	0	no visible mineralization

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Tom

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-002

Length (m) 71.63

Size 5.25

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 08/07/2010

Date Finished 28/07/2010

Other Hole name AUD-005-Tom

Cassing Pulled No

Cassing (m) 29.4

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Log Date 08/11/2010

Target

Hole Comments This data represents 2.attempt to drill the hole. The hole was abadoned at 60 feet (18.29 m) and casing was left in the ground. There will be a 3. attempt taking place.; survey tools: GPS and compass;

Collar survey Date

Survey By Karin Fecova

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,594.44	7,071,568.00	1,184.83	300.00	-50.00
Preferred	UTM83-8	437,594.44	7,071,568.00	1,184.83	300.00	
Local	LOCL_AuDom	4,357.50	7,759.48	1,184.83	345.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10098946	05/08/2010	0.00	18.29	0
ALS	QC-OK	WH10104109	22/08/2010	33.53	71.63	0
ALS	QC-OK	WH10105251	19/08/2010	18.29	33.53	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10270	47.24	48.77	2-FDU	0	0.01	3.33	WH10104109
RC10260			Blk	0	0.00	0.30	WH10104109
RC10280			SRM_OR-15h	0	1.00	0.07	WH10104109
RC10070			SRM_OR-16b	0	2.01	0.07	WH10098946
RC10250			SRM_OR-16b	0	2.27	0.08	WH10105251

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
25	33	15	0	0	0	9	0	0

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-002
Length (m) 71.63
Log Date 08/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
1.52	RC10065	0.014			3.05	Xp		3.05	FEO	1		7.62										
3.05	RC10066	0.0025																				
4.57	RC10067	0.063			4.57	Xp		4.57	No Data													
6.10	RC10068	0.071			6.10	Xqp		6.10	FEO	1												
7.62	RC10069	0.324			7.62	Xqp		7.62	FEO	1												
9.15	RC10071	0.061			10.67	Xqp		10.67	CC	1		9.14	0.5	LITH								
10.67	RC10072	0.632																				
12.20	RC10073	1.345			12.19	Xqp		12.19	FEO	1		12.19	1.5	LITH								
13.72	RC10074	0.847			15.24	Xh		13.72	CC	1		13.72	0.5	LITH								
15.24	RC10075	0.631						15.24	CC	2		15.24	1.5		0.5	LITH						
16.77	RC10076	2.51			16.76	Xh		16.76	FEO	2		16.76	0.5	LITH								

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-002
Length (m) 71.63
Log Date 08/11/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
18.29	RC10077	1.5				Xh		18.29	CC	2		No Data											
19.81	RC10248	0.059	0.1	398				19.81	FEO	1													
21.34	RC10249	0.046	0.1	358				21.34	CC	1													
22.86	RC10251	0.018	0.1	381	Xqp			22.86	CC	1		22.86											
24.38	RC10252	0.016	0.1	317	Xqp			24.38	FEO	1		24.38	0.5	LITH									
25.91	RC10253	0.02	0.1	495				25.91	FEO	1		25.91			0.5	VN							
27.43	RC10254	0.011	0.1	256				27.43			FEO	1		No Data									
28.96	RC10255	0.007	0.1	241	Xqp			28.96															
30.48	RC10256	0.658	0.4	10000	Xqp				FEO	1													
32.00	RC10257	0.177	0.6	4090	Xqp			32.00				32.00											
33.53	RC10258	0.369	2.2	3450				33.53	FEO	1		33.53	0.5	LITH									

Hole name	GDRC10-002
Length (m)	71.63
Log Date	08/11/2010

[illegible]

Hole name	GDRC10-002
Length (m)	71.63
Log Date	08/11/2010

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-002
Length (m)	71.63
Log Date	08/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-002
Length (m) 71.63
Log Date 08/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	3.05	Xp	0	no visible mineral differentiation, shiny/sheen surfaces
3.05	4.57	Xp	0	no mineral differentiation, very shiny surfaces, a true phyllite
4.57	6.10	Xqp	0	muscovite-chlorite+-biotite schist, quartz varies, though probably at least 15-20%, minerals are differentiable
6.10	7.62	Xqp	0	muscovite-chlorite+-biotite schist, quartz varies, though probably at least 15-20%
7.62	10.67	Xqp	0	muscovite-chlorite+-biotite schist, quartz varies, though probably at least 15-20%
10.67	12.19	Xqp	0	muscovite-chlorite+-biotite schist, quartz varies, though probably at least 15-20%
12.19	15.24	Xh	0	some very fine, short, fibrous actinolite? in well differentiated (partly secondary?) layers (not true spinifex texture), in a muscovite-chlorite-actinolite?+-biotite schist, with some trace tourmalines and abundant quartz, ~20-40%, also some spotted texture, of very fine grained biotite grown into pronounced circles surrounded by muscovite, at 45-50ft. At the least, the fibrous mineral probably leans toward a calc-silicate, though I can't be sure what it is. After, seeing some radiating minerals in GDRC-10-006, I was thinking maybe epidote or other minerals. So, on second thought, there is a good range of minerals, that on this fine size, are all fairly good look-alikes, maybe a fibrous pyroxene is present, and we are dealing with skarn mineralogy.
15.24	16.76	Xh	0	At the least, the fibrous mineral probably leans toward a calc-silicate, though I can't be sure what it is. After, seeing some radiating minerals in GDRC-10-006, I was thinking maybe epidote or other minerals. So, on second thought, there is a good range of minerals, that on this fine size, are all fairly good look-alikes, maybe a fibrous pyroxene is present, and we are dealing with skarn mineralogy.
16.76	21.34	Xh	0	muscovite-chlorite-actinolite?+-biotite schist, with some possible contact metamorphism or (skarn?, possibly wollastonite present) At the least, the fibrous mineral probably leans toward a calc-silicate, though I can't be sure what it is. After, seeing some radiating minerals in GDRC-10-006, I was thinking maybe epidote or other minerals. So, on second thought, there is a good range of minerals, that on this fine size, are all fairly good look-alikes, maybe a fibrous pyroxene is present, and we are dealing with skarn mineralogy.
21.34	22.86	Xqp	0	muscovite-chlorite+/- biotite schist
22.86	27.43	Xqp	0	muscovite-chlorite+/- biotite schist
27.43	28.96	Xqp	0	muscovite-chlorite+/- biotite schist
28.96	30.48	Xqp	0	muscovite-chlorite+/- biotite schist
30.48	32.00	Xqp	0	muscovite-chlorite+/- biotite schist
32.00	39.62	Xqp	0	muscovite-chlorite+/- biotite schist
39.62	41.15	Xqp	0	some 'chips' of massive fine quartzite

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-002
Length (m) 71.63
Log Date 08/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
41.15	42.67	Xqp	0	muscovite-chlorite+/- biotite schist
42.67	44.20	Xqp	0	muscovite-chlorite+/- biotite schist
44.20	45.72	Xqp	0	muscovite-chlorite+/- biotite schist
45.72	56.39	Xqp	0	muscovite-chlorite+/- biotite schist
56.39	62.48	Xqp	0	muscovite-chlorite+/- biotite schist
62.48	64.01	Xqp	0	predominantly quartz, rare 'chips'
64.01	67.06	Xqp	0	muscovite-chlorite+/- biotite schist
67.06	68.58	Xqp	0	chlorite-muscovite schist
68.58	71.45	Xqp	0	some quartz rich schistose 'chips'

ALTERATION

mFrom	mTo	Lith1	Relog	Comments

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
24.38	25.91	AS	0	trace arsenopyrite

VEINS

mFrom	mTo	Vein1	Relog	Comments
6.10	7.62	QZ	0	no vis. mineralization
15.24	18.29	QZ	0	no vis. mineralization
24.38	28.96	QZ	0	trace arsenopyrite
30.48	32.00	QCL	0	no visible mineralization
33.53	35.05	QZ	0	no vi. mineralization
39.62	41.15	QZ	0	no vis. mineralization
47.24	50.29	QZ	0	no visible mineralization

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Tom

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-003

Length (m) 83.82

Size 5.25

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 10/07/2010

Date Finished 14/07/2010

Other Hole name AUD-002-Tom

Cassing Pulled Yes

Cassing (m) 12.2

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Target

Log Date 09/11/2010

Hole Comments The hole was abandoned due to too much water overflowing sample bags and washing out the fines. Sample bags were topped and fines were still overflowing. The proposed length was 100m; survey tools:

Collar survey Date

Survey By Karin Fecova

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,613.00	7,071,546.00	1,160.20	270.00	-60.00
Preferred	UTM83-8	437,613.00	7,071,546.00	1,160.20	270.00	
Local	LOCL_AuDom	4,355.07	7,730.80	1,160.20	315.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10098945	04/08/2010	1.52	50.29	0
ALS	QC-OK	WH10098946	05/08/2010	0.00	1.52	0
ALS	QC-OK	WH10106221	20/08/2010	50.29	83.82	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10080	1.52	3.05	2-FDU	0	0.07	4.47	WH10098945
RC10110	42.68	44.21	2-FDU	0	0.08	7.64	WH10098945
RC10100			Blk	0	0.00	0.80	WH10098945
RC10090			SRM_OR-15h	0	0.89	0.12	WH10098945
RC10130			SRM_OR-15h	0	0.88	0.08	WH10106221
RC10120			SRM_OR-16b	0	2.10	0.07	WH10106221

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
39	30	22	0	0	0	14	0	0

Hole name	GDRC10-003
Length (m)	83.82
Log Date	09/11/2010

Assays					Litho			Alteration				Mineralization																	
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur												
18.29	RC10091	0.022	0.1	599		Xqp		21.34	FEO	2																			
19.82	RC10092	0.051	0.1	482																									
21.34	RC10093	0.016	0.1	332																									
22.87	RC10094	0.008	0.2	88		Xqp		FEO	1	24.38																			
24.39	RC10095	0.008	0.1	144																									
25.91	RC10096	0.028	0.2	290		Xqp		25.91	FEO	1									0.5	VN									
27.44	RC10097	0.006	0.1	82		Xqp		28.96	FEO	1								No Data											
28.96	RC10098	0.009	0.1	111																									
30.49	RC10099	0.005	0.1	260		Xqp		32.00	CC	1																			
32.01	RC10101	0.122	0.1	339																									
33.54	RC10102	0.199	0.2	251		Xqp		33.53	FEO	1			0.5	LITH															

Hole name	GDRC10-003
Length (m)	83.82
Log Date	09/11/2010

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-003
Length (m)	83.82
Log Date	09/11/2010

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur		
51.82	RC10115	0.095			51.82	Xqp		54.86	FEO	1		51.82	0.5	LITH	0.5	VN								
53.34	RC10116	0.169			54.86	Xqp					53.34	0.5	LITH					0.5						
54.86	RC10117	0.148					54.86				54.86	54.86	0.5	LITH	0.5	VN								
56.39	RC10118	0.222			56.39	Xq		56.39	CC	1		56.39	1.5	LITH	1.5	LITH								
57.91	RC10119	0.792			57.91	Xqp		57.91	CC	1		59.44	1.5	VN	1.5	VN								
59.44	RC10121	0.391			59.44	Xqp		59.44	CC	1														
60.96	RC10122	0.053			60.96	Xqp		60.96	CC	2		60.96	0.5		0.5	LITH								
62.48	RC10123	0.128			62.48	Xq		62.48	CM	1		62.48	1.5	LITH										
64.01	RC10124	0.076			65.53	Xqp		65.53	FEO	2		65.53	No Data											
65.53	RC10125	0.094																						
67.06	RC10126	0.078										67.06	0.5	LITH										

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-003
Length (m) 83.82
Log Date 09/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
68.58	RC10127	0.065			70.10	Xqp		70.10	FEO	1		68.58	1.5	VN	1.5	VN						
70.10	RC10128	0.038										70.10	0.5	VN	0.5	VN						
71.63	RC10129	0.09			71.63	Xqp		71.63	FEO	1		0.5	LITH									
73.15	RC10131	0.104			73.15	Xqp																
74.68	RC10132	0.045			74.68	Xqp																
76.20	RC10133	0.034			76.20	Xqp																
77.72	RC10134	0.077			77.72	Xqp																
79.25	RC10135	0.049			79.25	Xqp																
80.77	RC10136	0.105			80.77	Xqp																
82.30	RC10137	0.052			82.30	Xqp		82.30	FEO	1												
83.82	RC10138	0.077			83.82	Xqp		83.52	FEO	1		83.52	0.5	LITH								

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-003
Length (m) 83.82
Log Date 09/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	9.14	Xq	0	No reaction with HCL-. Very quartz rich, ~70-80% but with a good foliation defined by muscovite; lith1 min: q+m
9.14	10.67	Xq	0	No reaction with HCL-. Very quartz rich, ~70-80% but with a good foliation defined by muscovite. Quartz veining makes up about 20% of this interval; lith1 min: q+m
10.67	12.19	Xqp	0	Weak reaction to HCL-. muscovite-biotite+-chlorite schist, with some spotted very fine biotite aggregates
12.19	13.72	Xqp	0	Abundant small fragments. Weak reaction to HCL-. muscovite-biotite+-chlorite schist
13.72	15.24	Xqp	0	Weak reaction to HCL-. muscovite-biotite+-chlorite schist, quartz ~20%
15.24	16.76	Xqp	0	No reaction to HCL-. muscovite-biotite+-chlorite schist
16.76	21.34	Xqp	0	No reaction to HCL-. muscovite-biotite+-chlorite schist
21.34	24.38	Xqp	0	Weak reaction to HCL-. muscovite-biotite+-chlorite schist
24.38	25.91	Xqp	0	No reaction to HCL-. Possible vfg As in qtz. muscovite-biotite+-chlorite schist
25.91	28.96	Xqp	0	Abundant small fragments. Weak to moderate reaction with HCL; lith1 min: m+b+c
28.96	32.00	Xqp	0	Weak to moderate reaction with HCL-; lith1 min: m+b+c
32.00	33.53	Xqp	0	Moderate reaction with HCL-. muscovite-biotite+-chlorite schist
33.53	35.05	Xqp	0	No reaction to HCL-. Patchy rusty red-orange alteration (FeO). muscovite-biotite+-chlorite schist
35.05	36.58	Xqp	0	No reaction to HCL-. muscovite-biotite+-chlorite schist
36.58	38.10	Xqp	0	No reaction to HCL-. muscovite-biotite+-chlorite schist
38.10	39.62	Xqp	0	Moderate reaction with HCL-. Abundant qtz. Trace pyr in qtz. muscovite-biotite+-chlorite schist
39.62	41.15	Xqp	0	Weak reaction with HCL-. muscovite-biotite+-chlorite schist
41.15	44.20	Xqp	0	No reaction with HCL-. muscovite-biotite+-chlorite schist
44.20	45.72	Xqp	0	Weak reaction with HCL-. muscovite-biotite+-chlorite schist
45.72	48.77	Xqp	0	No reaction with HCL-. Trace pyr in white qtz. muscovite-biotite+-chlorite schist
48.77	50.29	Xqp	0	No reaction to HCL-. muscovite-biotite+-chlorite schist
50.29	51.82	Xqp	0	No reaction with HCL-. Trace pyr in white qtz and in country rock. muscovite-biotite+-chlorite schist
51.82	54.86	Xqp	0	No reaction to HCL-. Abundant small fragments. muscovite-biotite+-chlorite schist
54.86	56.39	Xq	0	Weak reaction to HCL
56.39	57.91	Xqp	0	Weak reaction to HCL-. Abundant small fragments. Silicified. Mineralized. muscovite-biotite+-chlorite schist
57.91	59.44	Xqp	0	Weak reaction to HCL-. Abundant small fragments. Mineralized. muscovite-biotite+-chlorite schist
59.44	60.96	Xqp	0	Abundant small fragments. Moderate reaction with HCL-. muscovite-biotite+-chlorite schist
60.96	62.48	Xq	0	Siliceous. Moderate reaction with HCL-. fairly pure equigranular quartzite, with sulfides
62.48	65.53	Xqp	0	No reaction with HCL-. muscovite-biotite+-chlorite schist

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
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Hole name GDRC10-003
Length (m) 83.82
Log Date 09/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
65.53	70.10	Xqp	0	Weak reaction with HCL-. Abundant qtz fragments. muscovite-biotite+-chlorite schist
70.10	71.63	Xqp	0	Abundant small fragments. No reaction with HCL-. muscovite-biotite+-chlorite schist
71.63	73.15	Xqp	0	Weak reaction with HCL-. muscovite-chlorite schist
73.15	74.68	Xqp	0	Weak reaction with HCL-. muscovite-biotite+-chlorite schist
74.68	76.20	Xqp	0	Abundant small fragments. Weak reaction with HCL-. muscovite-biotite+-chlorite schist
76.20	77.72	Xqp	0	Abundant small fragments. Weak reaction with HCL-. Abundant qtz fragments. muscovite-biotite+-chlorite schist
77.72	79.25	Xqp	0	Weak reaction to HCL-. Abundant small fragments. muscovite-biotite+-chlorite schist
79.25	80.77	Xqp	0	Weak reaction to HCL-. Abundant small fragments. muscovite-biotite+-chlorite schist
80.77	82.30	Xqp	0	Abundant small fragments. No reaction to HCL-. muscovite-biotite+-chlorite schist
82.30	83.82	Xqp	0	Abundant small fragments. Weak reaction to HCL-. muscovite-biotite+-chlorite schist

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
54.86	56.39	CC	0	Entirely qtz. Sheeted vein zone?
71.63	80.77	FEO	0	weak yellowish sericite

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
24.38	25.91	AS	0	Vfg As in qtz?
38.10	39.62	PY	0	Tr pyr in qtz.
45.72	47.24	PY	0	Trace pyr in white qtz.
47.24	48.77	PY	0	Trace pyr in white qtz.
50.29	51.82	PY	0	Trace pyr in white qtz and in country rock.
51.82	53.34	PY	0	Trace pyr +/- cpy in white qtz and country rock.
53.34	54.86	AS	0	Pyr +/- apy in white qtz and country rock.
54.86	56.39	AS	0	within this light green quartzite
56.39	59.44	AS	0	pyrrhotite follows foliation
60.96	62.48	PO	0	no veining
68.58	70.10	AS	0	trace sulfides
74.68	76.20	PO	0	Po?
77.72	79.25	PY	0	Cpy?

Project Gold Dome (Sheelite) - Yukon
Area Tom

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Hole name GDRC10-003
Length (m) 83.82
Log Date 09/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

VEINS

mFrom	mTo	Vein1	Relog	Comments

1.52	7.62	QZ	0	trace quartz veining, with no visible mineralization, the quartz is iron oxide stained

9.14	10.67	QZ	0	abundant qtz with no visible mineralization

24.38	25.91	QZ	0	chlorite is present along one edge

39.62	42.67	QZ	0	no vis. mineralization

45.72	48.77	QZ	0	no visible mineralization, iron oxide stained

50.29	53.34	QZ	0	No vis. mineralization, and arsenopyrite in another vein

53.34	54.86	QAS	0	trace veining with arsenopyrite

56.39	57.91	QAS	0	with ~3% arsenopyrite in a single 'chip', and numerous quartz 'chip's with no visible sulfide

59.44	60.96	QPY	0	trace pyrite and trace grey mineral blades, maybe boulangerite

62.48	67.06	QZ	0	white quartz with hairline red-orange oxide cutting the quartz

67.06	68.58	QAS	0	arsenopyrite hairlines in quartz vein clast.

68.58	71.63	QZ	0	some trace pyrite, very trace arsenopyrite

73.15	74.68	QPY	0	trace pyrite

79.25	83.82	QZ	0	no vis. sulfide/other mineralization

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Tom

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-004

Length (m) 149.05

Size 5.25

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 22/07/2010

Date Finished 24/07/2010

Other Hole name AUD-001-Tom

Cassing Pulled No

Cassing (m) 15.24

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Target

Log Date 09/11/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Karin Fecova, logged by Shane Carlos; centerflow hammer with 5 1/4" diameter; 20' casing left in the ground

Collar survey Date

Survey By Karin Fecova

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,586.69	7,071,442.00	1,133.00	310.00	-60.00
Preferred	UTM83-8	437,586.69	7,071,442.00	1,133.00	310.00	
Local	LOCL_AuDom	4,262.93	7,675.86	1,133.00	355.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10105251	19/08/2010	114.30	149.05	0
ALS	QC-OK	WH10106149	20/08/2010	65.53	114.30	0
ALS	QC-OK	WH10106220	19/08/2010	15.24	65.53	0
ALS	QC-OK	WH10106221	20/08/2010	0.00	15.24	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10150	13.72	15.24	2-FDU	0	0.01	3.48	WH10106221
RC10180	54.86	56.39	2-FDU	0	0.16	6.83	WH10106220
RC10211	97.54	99.06	2-FDU	0	0.02	7.53	WH10106149
RC10230	123.44	124.97	2-FDU	0	0.01	5.76	WH10105251
RC10140			Blk	0	0.01	0.35	WH10106221
RC10160			Blk	0	0.00	0.38	WH10106220
RC10200			Blk	0	0.00	0.22	WH10106149
RC10240			Blk	0	0.01	0.18	WH10105251
RC10170			SRM_OR-15h	0	1.04	0.07	WH10106220
RC10220			SRM_OR-15h	0	0.90	0.08	WH10106149
RC10190			SRM_OR-16b	0	2.17	0.08	WH10106149

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
39	32	41	0	0	0	20	0	0

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-004
Length (m)	149.05
Log Date	09/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
1.52	RC10139	0.067				Xq	Xqp		FEO	2		No Data										
3.05	RC10141	0.054																				
4.57	RC10142	0.158																				
6.10	RC10143	0.152																				
7.62	RC10144	0.156																				
9.14	RC10145	0.056																				
10.67	RC10146	0.066			Xqp																	
12.19	RC10147	0.076																				
13.72	RC10148	0.015			Xqp	Xqp																
15.24	RC10149	0.009																				
16.76	RC10151	0.0025	0.1	32																		

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-004
Length (m) 149.05
Log Date 09/11/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite					
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur		
18.29	RC10152	0.006	0.1	41	18.29	Xqp	Xqp	18.29	FEO	2		18.29										
19.81	RC10153	0.014	0.1	253				19.81	No Data			19.81		1.5	LITH							
21.34	RC10154	0.012	0.1	224																		
22.86	RC10155	0.011	0.1	75																		
24.38	RC10156	0.01	0.1	212																		
25.91	RC10157	0.005	0.1	185																		
27.43	RC10158	0.005	0.1	14							CC	1										
28.96	RC10159	0.005	0.1	13																		
30.48	RC10161	0.007	0.1	17																		
32.00	RC10162	0.035	0.1	157																		
33.53	RC10163	0.009	0.1	82				Xqp			33.53				No Data							

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-004
Length (m) 149.05
Log Date 09/11/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur		
	RC10164	0.011	0.1	20				35.05	CC	2												
35.05								35.05														
	RC10165	0.01	0.1	30																		
36.58																						
	RC10166	0.01	0.1	10																		
38.10																						
	RC10167	0.016	0.1	124																		
39.62																						
	RC10168	0.008	0.1	271					CC	1												
41.15																						
	RC10169	0.018	0.1	33																		
42.67																						
	RC10171	0.074	0.1	567																		
44.20																						
	RC10172	0.012	0.1	33																		
45.72																						
	RC10173	0.011	0.1	113	47.24			47.24				47.24										
47.24									CC	2			0.5		0.5	LITH						
48.77								48.77				48.77										
	RC10175	0.012	0.1	124												1.5	LITH		1.5	LITH		
50.29												50.29										

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-004
Length (m) 149.05
Log Date 09/11/2010

Assays					Litho			Alteration				Mineralization							
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite		
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	
	RC10176	0.022	0.1	98		Xqp	Xq						1.5	LITH		0.5	LITH		
51.82												51.82							
	RC10177	0.018	0.1	46					CC	1									
53.34					53.34							53.34							
	RC10178	0.055	0.1	282									1.5	LITH	1.5	LITH			
54.86												54.86							
	RC10179	0.238	0.4	683									1.5	LITH					
56.39						Xqp		56.39				56.39							
	RC10181	0.027	0.1	153					WM	5	PAT		1.5	LITH		0.5	LITH		
57.91								57.91				57.91							
	RC10182	0.041	0.1	397											0.5	VN			
59.44					59.44							59.44							
	RC10183	0.044	0.1	651		Xqp			No Data				1.5		0.5	LITH			
60.96					60.96							60.96							
	RC10184	0.029	0.1	319		Xqp							0.5	LITH					
62.48					62.48			62.48				62.48							
	RC10185	0.02	0.1	377		Xqp			CC	2			1.5	LITH					
64.01					64.01			64.01				64.01							
	RC10186	0.015	0.1	260		Xqp			CC	1			0.5	LITH	1.5	VN			
65.53					65.53			65.53				65.53							
	RC10187	0.007				Xqp			CC	2			1.5		0.5	LITH			
67.06					67.06			67.06				67.06							

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-004
Length (m) 149.05
Log Date 09/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
68.58	RC10188	0.012			68.58	Xqp		68.58	CC	1		68.58	0.5	LITH	0.5	LITH						
70.10	RC10189	0.007			70.10	Xqp		No Data				No Data										
71.63	RC10191	0.052			71.63	Xqp																
73.15	RC10192	0.0025			74.68	Xqp		74.68	CC	1		73.15			0.5	VN						
74.68	RC10193	0.012										74.68			74.68	0.5	LITH					
76.20	RC10194	0.058			76.20	Xqp		76.20	CM	1		76.20	1.5	LITH								
77.72	RC10195	0.145			77.72	Xqp		79.25	CM	1		77.72	0.5	LITH								
79.25	RC10196	0.024			79.25	Xqp						79.25	1.5	LITH	0.5	LITH						
80.77	RC10197	0.04			80.77	Xqp		80.77	CM	2		80.77	0.5	LITH	1.5	VN						
82.30	RC10198	0.006			83.82	Xqp						82.30	0.5		0.5	LITH						
83.82	RC10199	0.044										83.82				0.5	LITH					

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-004
Length (m)	149.05
Log Date	09/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-004
Length (m) 149.05
Log Date 09/11/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	
102.11	RC10213	0.035			102.11				CC	1											
103.63	RC10214	0.011				Xqp	Xq	103.63				103.63									
105.16	RC10215	0.012			105.16			105.16	CC	2		105.16	0.5	LITH							
106.68	RC10216	0.014				Xqp		106.68	No Data												
108.20	RC10217	0.008			108.20																
109.73	RC10218	0.027																			
111.25	RC10219	0.042				Xqp			CC	1		111.25									
112.78	RC10221	0.239										112.78	1.5	LITH							
114.30	RC10222	0.526			114.30			114.30				114.30									
115.82	RC10223	0.305	1.7	3030				115.82	MC	1		115.82									
117.35	RC10224	0.894	4.6	10000		Xq						117.35									

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-004
Length (m) 149.05
Log Date 09/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
118.87	RC10225	0.096	0.8	873	118.87			118.87	MC	2		118.87	No Data									
120.40	RC10226	0.021	0.2	241	No Data						120.40	1.5	VN	0.5	VN							
121.92	RC10227	0.0025	0.2	42		121.92			121.92	1.5	LITH	0.5	LITH									
123.44	RC10228	0.009	0.1	63	123.44	Xqp		123.44	MC	2	No Data											
124.97	RC10229	0.0025	0.2	76								124.97										
126.49	RC10231	0.015	0.1	104								No Data										
128.02	RC10232	0.032	0.1	475									128.02									
129.54	RC10233	0.075	0.1	1110	129.54	Xq	Xqp	129.54	MC	2	1.5 LITH											
131.06	RC10234	0.046	0.2	413									0.5 LITH	0.5	LITH							
132.59	RC10235	0.023	0.1	283							132.59			132.59								
134.11	RC10236	0.01	0.1	148	134.11	Xqp		134.11				0.5	LITH	0.5	LITH							

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-004
Length (m)	149.05
Log Date	09/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-004
Length (m) 149.05
Log Date 09/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	9.14	Xq	0	No reaction to HCL-. micaceous quartzite (granular) and some quartz-muscovite schist (with altered micas and chlorites presumably)
9.14	12.19	Xqp	0	No reaction to HCL-. quartz-chlorite schist, quartz is from 30% to 70%
12.19	16.76	Xqp	0	No reaction to HCL-. Chlorite-muscovite schist to muscovite-biotite schist with up to 40-50% quartz
16.76	18.29	Xqp	0	No reaction to HCL-. chlorite-muscovite schist (mostly chlorite) and some muscovite schist with ~40% quartz and some ilmenite? porphyroblasts
18.29	47.24	Xqp	0	Weak to strong reaction with HCL-. quartz-muscovite-chlorite/biotite schist, where quartz is most abundant (~30-40%) and chlorite and biotite switch places in relative abundance frequently between different 'chips'
47.24	53.34	Xqp	0	Weak to strong reaction with HCL. Chlorite+-muscovite+-biotite schist with a quartz rich portion (~10% of interval) where quartz is up to 80% with chlorite.
53.34	59.44	Xqp	0	abundant qtz fragments in all samples. muscovite-chlorite+-biotite schist, with ~40% quartz and less
59.44	60.96	Xqp	0	Abundant qtz fragments; lith1 min: m+b+c
60.96	62.48	Xqp	0	Bio-musc+chl rich. muscovite-biotite-chlorite schist
62.48	64.01	Xqp	0	Calcite fracture fills. muscovite-biotie-chlorite schist, fairly dense, borders to an hornfels
64.01	65.53	Xqp	0	Siliceous rock. Abundant qtz fragments; lith1 min: m+b+c
65.53	67.06	Xqp	0	Abundant qtz fragments. CC fracture fills; lith1 min: m+b+c
67.06	68.58	Xqp	0	Abundant qtz fragments; lith1 min: m+b+c
68.58	70.10	Xqp	0	Bio and chl rich., muscovite-biotite-chlorite schist,
70.10	71.63	Xqp	0	Biotite rich.muscovite-biotite-chlorite schist
71.63	74.68	Xqp	0	Abundant qtz fragments, muscovite-biotite-chlorite schist
74.68	76.20	Xqp	0	Abundant pyr present as disseminations inqtz., muscovite-biotite-chlorite schist
76.20	77.72	Xqp	0	Siliceous country rock +/- chlorite.,muscovite-biotite-chlorite schist
77.72	79.25	Xqp	0	Siliceous country rock, abundant qtz fragments, muscovite-biotite-chlorite schist
79.25	80.77	Xqp	0	Abundant qtz fragments, sulphide rich., muscovite-biotite-chlorite schist
80.77	85.34	Xqp	0	Biotite rich, muscovite-biotite-chlorite schist
85.34	86.87	Xqp	0	muscovite-biotite-chlorite schist, Siliceous country rock + musc. Black opaques are locally disseminated up to 2%, which are very fine granular aggregates (porphyroblasts), shiny, non-magnetic and best guess is ilmenite
86.87	88.39	Xqp	0	Trace apy in qtz., muscovite-biotite-chlorite schist
88.39	89.92	Xqp	0	Trace apy and pyr in qtz., muscovite-biotite-chlorite schist
89.92	91.44	Xq	0	Abundant qtz fragments, micaceous quartzite; lith1 min: q+m+b
91.44	92.96	Xqp	0	Biotite and chlorite rich. No reaction to HCL-. , muscovite-biotite-chlorite schist.
92.96	96.01	Xqp	0	muscovite-chlorite-biotite schist, subordinate quartzite with q+m

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-004
Length (m) 149.05
Log Date 09/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
96.01	102.11	Xqp	0	black opaques are locally disseminated up to 2%, which are very fine granular aggregates, shiny, non-magnetic and best guess is ilmenite. A chlorite-muscovite-biotite schist, with some (~20%) micaceous quartzite
102.11	105.16	Xqp	0	Abundant quartzite fragments, with the muscovite-chlorite-biotite schist, subordinate quartzite
105.16	108.20	Xqp	0	Bio-musc. No to moderate reaction with HCL-. muscovite-biotite schist
108.20	114.30	Xqp	0	Muscovite-chlorite-biotite schist, with a porphyroblastic light tan, alteration pseudomorph after a euhedral 6-sided crystal (as viewed down the long-axis) and as a rectangle capped with pyramids on the side view. Occasionally appear as 'flat books' and s
114.30	118.87	Xq	0	Silica flooded, abundant qtz fragments. Pyritic. Weak to moderate reaction with HCL-. quartz schist, some muscovite, etc., mostly quartz ~70-85%
121.92	128.02	Xqp	0	muscovite-biotite+-chlorite schist , fairly dense, and weak schistosity, maybe hornfelsed
128.02	132.59	Xq	0	~45% fine equigranular quartzite, with some bleaching of mafics (chlorite+biotite), disseminated arsenopyrite, and black opaques are locally disseminated up to 2%, which are very fine granular aggregates, shiny, non-magnetic and best guess is ilmenite
132.59	134.11	Xqp	0	weak reaction to HCL-. Muscovite-biotite-chlorite schist. Quartz is abundant (~30-40%) (Again, please note: minerals are listed in order of most abundant to least abundant), very dense and weak foliation suggest possible hornfels. Black opaques are local
134.11	135.64	Xqp	0	Abundant qtz fragments, moderate reaction to HCL-. muscovite-biotite+-chlorite schist, with maybe ~35% quartz, dense and likely a hornfels.
135.64	144.78	Xqp	0	Biotite-chlorite, weak reaction to HCL-. muscovite-biotite+-chlorite schist, with maybe ~35% quartz, dense and likely a hornfels.
144.78	146.30	Xq	0	Silica flooded, or a fine equigranular Quartzite with some impurities; lith1 min: q+m
146.30	148.44	Xqp	0	Biotite-chlorite. muscovite-biotite+-chlorite schist, with maybe ~35% quartz, dense and likely a hornfels.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
56.39	57.91	WM	0	light yellowish-green sericite
132.59	144.78	MC	0	an unknown alteration, with abundant calcite is a soft white, 'soapy' mineral, but don't think its clay, occurs from 440'-445' in a few clasts/'chips'

MINERALISATION

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-004
Length (m) 149.05
Log Date 09/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
mFrom	mTo	Min1	Relog	Comments
56.39	57.91	PY	0	within a sericite alteration zone
57.91	59.44	PO	0	Po aligned along foliation
71.63	73.15	AS	0	trace
74.68	76.20	PY	0	occurring in a quartzite?
120.40	121.92	AS	0	Possible po?
123.44	124.97	PO	0	hosted in a meta-quartz vein
128.02	129.54	AS	0	in an equigranular quartzite

VEINS

mFrom	mTo	Vein1	Relog	Comments
6.10	9.14	QZ	0	no visible mineralization
15.24	16.76	QCL	0	no visible mineralization
24.38	25.91	QCL	0	no visible mineralization, probably a meta-quartz vein
33.53	35.05	QZ	0	a meta-quartz vein, no visible mineralization
39.62	41.15	QZ	0	no visible mineralization
53.34	59.44	QWA	0	light yellowish-green altered edges with trace chlorite remaining
60.96	65.53	QAS	0	with chlorite-schist wallrock unaltered, and trace arsenopyrite in vein
68.58	70.10	QCL	0	no visible mineralization
71.63	74.68	QZ	0	very trace arsenopyrite
77.72	79.25	QZ	0	no visible mineralization
79.25	80.77	QAS	0	2% arsenopyrite
89.92	91.44	QW	0	trace pyrite
94.49	100.58	QCL	0	no visible mineralization, some trace light greenish-yellow sericite but mostly chlorite selvages
109.73	111.25	QZ	0	no visible mineralization
112.78	117.35	QZ	0	no visible mineralization
118.87	120.40	QCLS	0	pyrite is about 2% in the clast
123.44	124.97	QPO	0	equigranular quartz
128.02	129.54	QZ	0	no visible mineralization
134.11	135.64	QPY	0	trace pyrite
146.30	147.83	QZ	0	no visible mineralization

Project Gold Dome (Sheelite) - Yukon
Area Tom

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-004
Length (m) 149.05
Log Date 09/11/2010

LITHO				
mFrom	mTo	Lith1	Relog	Comments
STRUCTURES				
mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Hawthorne

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-005

Length (m) 129.54

Size 5.125

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 29/07/2010

Date Finished 07/08/2010

Other Hole name AUD-015-Haw

Cassing Pulled No

Cassing (m) 18.3

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Target

Log Date 10/11/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Max Ryan, logged by Shane Carlos; conventional hammer with 5 1/8" diameter; couldn't pull out the rods, stuck at the bottom of the hole; drilled

Collar survey Date

Survey By Max Ryan

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,064.81	7,072,393.50	1,412.19	300.00	-60.00
Preferred	UTM83-8	439,064.81	7,072,393.50	1,412.19	300.00	
Local	LOCL_AuDom	5,980.93	7,303.49	1,412.19	345.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10104109	22/08/2010	0.00	10.67	0
ALS	QC-OK	WH10105250	19/08/2010	10.67	59.44	0
ALS	QC-OK	WH10107091	22/08/2010	59.44	109.73	0
ALS	QC-OK	WH10112263	04/09/2010	109.73	129.54	0
ALS	QC-OK	WH10137371	05/10/2010	124.97	128.02	1

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10310	30.48	32.00	2-FDU	0	0.08	2.72	WH10105250
RC10350	85.34	86.87	2-FDU	0	0.05	2.95	WH10107091
RC10380	126.49	128.02	2-FDU	0	1.60	4.67	WH10112263
RC10300			Blk	0	0.01	0.27	WH10105250
RC10340			Blk	0	0.00	0.19	WH10107091
RC10370			Blk	0		-999.00	
RC10320			SRM_OR-15h	0	1.04	0.07	WH10105250
RC10360			SRM_OR-15h	0	1.01	0.08	WH10107091
RC10290			SRM_OR-16b	0	2.21	0.07	WH10104109
RC10330			SRM_OR-16b	0	2.19	0.08	WH10105250

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
80	18	23	0	0	0	20	0	0

Golden Predator
Program 2010
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Hole name	GDRC10-005
Length (m)	129.54
Log Date	10/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
1.52	RC10287	0.032			1.52	Xqp	Xq					No Data										
3.05	RC10288	0.029			3.05	Xqp	Xq															
4.57	RC10289	0.044			4.57	Xqp	Xq															
6.10	RC10291	0.059			6.10	Xqp																
7.62	RC10292	0.022			7.62	Xqp	Xq															
9.14	RC10293	0.042			9.14	Xqp	Xq															
10.67	RC10294	0.092			10.67	Xqp	Xq															
12.19	RC10295	0.065	0.1	268	12.19	Xqp	Xq															
13.72	RC10296	0.048	0.1	289	13.72	Xqp	Xq															
15.24	RC10297	0.031	0.1	233	15.24	Xqp	Xq															
16.76	RC10298	0.212	0.1	260	16.76	Xqp																

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Length (m)	129.54
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Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
18.29	RC10299	0.017	0.1	144	18.29	Xqp	Xq					21.33	0.5	LITH								
19.81	RC10301	0.021	0.1	240	19.81	Xq																
21.34	RC10302	0.136	0.1	324	21.33	Xq																
22.86	RC10303	0.12	0.1	297	22.86	Xqp																
24.38	RC10304	0.068	0.1	254	24.38	Xqp																
25.91	RC10305	0.131	0.1	268	25.91	Xq	25.91															
27.43	RC10306	0.074	0.1	285	27.43	Xq	CC1															
28.96	RC10307	0.078	0.1	404	27.46	No Data																
30.48	RC10308	0.06	0.1	407	30.48	Xq																
32.00	RC10309	0.04	0.1	500	XqXqp																	
33.53	RC10311	0.035	0.1	285																		33.50

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

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Length (m) 129.54
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Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC10312	0.065	0.1	421		VNq	Xq					No Data										
35.05					35.05																	
	RC10313	0.05	0.1	348		Xq	Xqp															
36.58					36.57																	
	RC10314	0.036	0.1	328		Xq	Xqp															
38.10					38.10																	
	RC10315	0.044	0.1	256		Xq	Xqp															
39.62					39.62																	
	RC10316	0.027	0.2	296		Xq	Xqp															
41.15					41.15																	
	RC10317	0.05	0.1	244		Xq	Xqp															
42.67					42.67																	
	RC10318	0.136	0.1	241		Xq	Xqp															
44.20					44.19																	
	RC10319	0.029	0.1	187		Xq	Xqp															
45.72					45.72																	
	RC10321	0.035	0.1	312		Xqp									0.5	VN						
47.24					47.24																	
	RC10322	0.027	0.1	278		Xqp																
48.77					48.77																	
	RC10323	0.059	0.1	630		Xqp																
50.29					50.29																	

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Length (m) 129.54
Log Date 10/11/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite					
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur		
	RC10324	0.032	0.1	385		Xqp		No Data				No Data										
51.82					51.81																	
	RC10325	0.032	0.1	339		Xqp																
53.34					53.34																	
	RC10326	0.057	0.2	446		Xqp																
54.86					54.86																	
	RC10327	0.061	0.1	636		Xqp																
56.39					56.39																	
	RC10328	0.081	0.1	673		Xqp																
57.91					57.91																	
	RC10329	0.071	0.1	594		Xqp																
59.44					59.43																	
	RC10331	0.027	0.1	327		Xqp																
60.96					60.96																	
	RC10332	0.047	0.1	344		Xqp																
62.48					62.48																	
	RC10333	0.116	0.1	641		Xqp																
64.01					64.00																	
	RC10334	0.049	0.1	214		Xqp																
65.53					65.53							65.53										
	RC10335	0.066	0.1	226		Xqp							0.5		1.5							
67.06					67.05							67.05										

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Length (m) 129.54
Log Date 10/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
68.58	RC10336	0.023	0.1	373	68.58	Xqp						No Data										
70.10	RC10337	0.006	0.1	123	70.10	Xqp																
71.63	RC10338	0.013	0.1	538	70.11	No Data																
73.15	RC10339	0.221	0.1	1850	73.15	No Data																
74.68	RC10341	0.022	0.1	201	74.67	VNq	Xqp															74.67
76.20	RC10342	0.009	0.1	63	76.20	Xqp		76.20	CC	1		76.20	No Data									
77.72	RC10343	0.192	0.1	531	77.72	Xq		77.72	CC	1		77.72	0.5	VN	3.5	VN						
79.25	RC10344	0.077	0.1	162	79.24	VNq	Xqp	79.24	No Data			No Data										
80.77	RC10345	0.09	0.1	623	80.77	Xq	Xqp	80.77	CC	1	80.77											
82.30	RC10346	0.025	0.1	616	82.29	Xq	Xqp	82.29	CC	1		82.29	0.5	LITH	0.5	LITH						
83.82	RC10347	0.03	0.1	471	83.82	Xq	Xqp	83.82	CC	1		83.82			0.5	VN						

Golden Predator
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Hole name	GDRC10-005
Length (m)	129.54
Log Date	10/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-005
Length (m) 129.54
Log Date 10/11/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
102.11	RC10361	0.017	0.1	184	102.10	Xq	Xqp	102.10				102.10	0.5				0.5						
103.63	RC10362	0.059	0.1	732	103.63	Xq	Xqp	103.63	CC	2		103.63	0.5										
105.16	RC10363	0.01	0.1	115	105.15	Xq	Xqp	105.15	CC	1		105.15	0.5		0.5	LITH							
106.68	RC10364	0.009	0.1	69	106.67	Xqp		106.67	No Data			106.67	No Data										
108.20	RC10365	0.1	0.1	583	108.20	Xqp		108.20	CC	2		108.20	0.5		0.5	LITH							
109.73	RC10366	0.096	0.1	871	109.72	Xqp		109.72	CC	1		No Data											
111.25	RC10367	0.036	0.074	223	111.25	Xqp																	
112.78	RC10368	1.53	0.205	973	112.77	Xqp																	
114.30	RC10369	0.27	0.346	4620	114.29	Xqp	Xqp																
115.82	RC10371	0.449	0.423	4140	115.82	Xqp																	
117.35	RC10372	0.15	0.134	897	117.34	Xqp	Xq	117.34	CC	1		117.34	0.5	LITH	0.5	LITH							

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[illegible]

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Length (m) 129.54
Log Date 10/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	1.52	Xqp	0	White qtz fragments. FeO altered. Some muscovite-chlorite schist, and very quartz rich to micaceous quartzite/quartz-muscovite-chlorite schist
1.52	3.05	Xqp	0	Foliated. Muscovite-chlorite-biotite schist. And some micaceous quartzite
3.05	4.57	Xqp	0	Foliated. Muscovite-chlorite-biotite schist. And some micaceous quartzite
4.57	6.10	Xqp	0	Foliated. Muscovite-chlorite-biotite schist.
6.10	7.62	Xqp	0	Foliated. Muscovite-chlorite-biotite schist.
7.62	9.14	Xqp	0	Foliated. Some muscovite-biotite+-chlorite schist, with porphyroblasts of a black, 'sooty', shiny, non-magnetic, iron mineral, guessing its ilmenite
9.14	10.67	Xqp	0	Foliated.Muscovite-chlorite-biotite schist.
10.67	12.19	Xqp	0	White quartz fragments. Muscovite-chlorite-biotite schist.
12.19	13.72	Xqp	0	White quartz fragments. Muscovite-chlorite-biotite schist. And some micaceous quartzite
13.72	15.24	Xqp	0	Foliated. Muscovite-chlorite-biotite schist and some micaceous quartzite.
15.24	16.76	Xqp	0	Foliated. Muscovite-chlorite-biotite schist and some micaceous quartzite.
16.76	18.29	Xqp	0	Foliated. Muscovite-chlorite-biotite schist and some micaceous quartzite.
18.29	19.81	Xq	0	Foliated. Muscovite-chlorite-biotite schist and some micaceous quartzite.
19.81	21.33	Xq	0	Foliated. Muscovite-chlorite-biotite schist and some micaceous quartzite.
21.33	22.86	Xqp	0	very dense, chlorite-muscovite+-biotite schist. Siliceous. Interstitial trace po and pyr.
22.86	24.38	Xqp	0	very dense, chlorite-muscovite+-biotite schist. Quartz rich, ~50%. Interstitial apy, (chlorite most abundant, muscovite then biotite).
24.38	25.91	Xq	0	quartz mica schist/micaceous quartzite
25.91	27.43	Xq	0	quartz mica schist/micaceous quartzite; lith1 min: q+m+c
27.46	28.96	Xq	0	quartz mica schist/micaceous quartzite; lith1 min: q+m+c
28.96	30.48	Xq	0	quartz mica schist/micaceous quartzite; lith1 min: q+m+c
30.48	33.50	Xq	0	85-90% micaceous quartzite/, (~70-80% quartz) and some muscovite-chlorite-biotite schist, (quartz poor); lith1 min: q+m+b+c
33.53	35.05	VNq	0	White quartz fragments, ~50%, lith2 min: m+c+b
35.05	36.57	Xq	0	White quartz fragments. Micaceous quartzite and some muscovite-chlorite-bioite schist; lith1 min: q+m+b+c
36.57	38.10	Xq	0	85-90% micaceous quartzite/, (~70-80% quartz) and some muscovite-chlorite-biotite schist, (quartz poor); lith1 min: q+m+b+c
38.10	39.62	Xq	0	85-90% micaceous quartzite/, (~70-80% quartz) and some muscovite-chlorite-biotite schist, (quartz poor); lith1 min: q+m+b+c
39.62	41.15	Xq	0	85-90% micaceous quartzite/, (~70-80% quartz) and some muscovite-chlorite-biotite schist, (quartz poor); lith1 min: q+m+b+c

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Hole name GDRC10-005
Length (m) 129.54
Log Date 10/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
41.15	42.67	Xq	0	85-90% micaceous quartzite/, (~70-80% quartz) and some muscovite-chlorite-biotite schist, (quartz poor); lith1 min: q+m+b+c
42.67	44.19	Xq	0	85-90% micaceous quartzite/, (~70-80% quartz) and some muscovite-chlorite-biotite schist, (quartz poor); lith1 min: q+m+b+c
44.19	45.72	Xq	0	85-90% micaceous quartzite/, (~70-80% quartz) and some muscovite-chlorite-biotite schist, (quartz poor); lith1 min: q+m+b+c
45.72	47.24	Xqp	0	muscovite-chlorite+-biotite schist
47.24	48.77	Xqp	0	Muscovite-chlorite schist
48.77	50.29	Xqp	0	Muscovite-chlorite schist
50.29	51.81	Xqp	0	Muscovite-chlorite schist
51.81	53.34	Xqp	0	White quartz fragments. Muscovite-chlorite schist
53.34	54.86	Xqp	0	White quartz fragments. And muscovite-biotite schist, where biotites are round porphyroblastic, fine grained masses
54.86	56.39	Xqp	0	White quartz fragments. And muscovite-biotite schist, where biotites are round porphyroblastic, fine grained masses
56.39	57.91	Xqp	0	White FeO-stained quartz fragments. And muscovite-biotite schist, where biotites are round porphyroblastic, fine grained masses
57.91	59.43	Xqp	0	chlorite-muscovite schist
59.43	60.96	Xqp	0	White quartz fragments. Chlorite-muscovite schist
60.96	62.48	Xqp	0	Abundant small fragments. Muscovite-chlorite schist with variable amounts of quartz.
62.48	64.00	Xqp	0	Abundant small fragments. Muscovite-chlorite schist with variable amounts of quartz.
64.00	65.53	Xqp	0	Abundant small fragments. Muscovite-chlorite schist with variable amounts of quartz.
65.53	67.05	Xqp	0	Some pieces FeO altered and some intensely silicified, grey with 5% total sulphide. Muscovite-chlorite schist with variable amounts of quartz.
67.05	68.58	Xqp	0	muscovite-chlorite schist, quartz poor
68.58	70.10	Xqp	0	muscovite-biotie schist, quartz poor, ~10% quartz
70.11	73.14	Xqp	0	muscovite-biotite schist, quartz poor, ~10% quartz
73.15	74.67	VNq	0	Abundant white quartz fragments +/- po, oxi pyr. And muscovite-biotite schist, quartz poor, ~10% quartz
74.67	76.20	Xqp	0	Vfg apy in intensley silicified. Muscovite-chlorite+-biotite schist, up to 60% quartz in some 'chips', but mostly less
76.20	77.72	Xq	0	Massive arsenopyrite in quartz. Quartz-muscovite schist/micaceous quartzite; lith1 min: q+m+b
77.72	79.24	VNq	0	~80% white quartz vein, and some muscovite-biotite schist

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Hole name GDRC10-005
Length (m) 129.54
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LITHO

mFrom	mTo	Lith1	Relog	Comments
79.24	80.77	Xq	0	Arsenopyrite in FeO altered country rock. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
80.77	82.29	Xq	0	Arsenopyrite in FeO altered country rock. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
82.29	83.82	Xq	0	Arsenopyrite in FeO altered country rock. Muscovite-biotite+-chlorite schist, with some tourmalines, with a predominant micaceous quartzite/quartz schist.
83.82	85.34	Xq	0	Abundant small fragments. Fracture zone? Siliceous. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
85.34	86.86	Xq	0	Massive arsenopyrite in quartz. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
86.86	88.39	Xq	0	Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
88.39	89.91	Xq	0	Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
89.91	91.44	Xq	0	Penetratively FeO stained, siliceous. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
91.44	92.96	Xq	0	FeO altered, siliceous. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
92.96	94.48	Xq	0	Grey, siliceous, 1% v-fg pyr. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
94.48	96.01	Xq	0	FeO altered, siliceous. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
96.01	97.53	Xq	0	FeO altered, siliceous. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
97.53	99.06	Xq	0	FeO altered, siliceous. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
99.06	100.58	Xq	0	Weakly FeO altered Xs, no visible mineralization. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
100.58	102.10	Xq	0	Blebs of oxi pyr +/- cpy within FeO altered Xs Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
102.10	103.63	Xq	0	Some pieces FeO altered Xs and some pieces grey, with interstitial apy and pyr. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
103.63	105.15	Xq	0	Weakly to moderately FeO altered, siliceous, xq with interstitial apy +/- pyr. Muscovite-biotite+-chlorite schist, with a predominant micaceous quartzite/quartz schist.
105.15	106.67	Xqp	0	muscovite-biotite schist, quartz poor, ~10% quartz, with biotite porphyroblasts

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LITHO

mFrom	mTo	Lith1	Relog	Comments
106.67	108.20	Xqp	0	Weakly FeO altered. Muscovite-chlorite-biotite schist, quartz poor, ~10%, muscovite dominant, chlorite and biotite are about even in abundance
108.20	109.72	Xqp	0	muscovite-biotite-tourmaline schist, quartz poor, ~10% quartz, biotites occur as visible porphyroblasts, and tourmalines are also porphyroblastic but more rare. The tourmalines are present in most of the schists here, (they are hard, well-striated along
109.73	111.25	Xqp	0	muscovite-biotite-tourmaline schist, quartz poor, ~10% quartz, biotites occur as visible porphyroblasts, and tourmalines are also porphyroblastic but more rare. The tourmalines are present in most of the schists here, (they are hard, well-striated along
111.25	112.77	Xqp	0	muscovite-biotite-tourmaline schist, quartz poor, ~10% quartz, biotites occur as visible porphyroblasts, and tourmalines are also porphyroblastic but more rare. The tourmalines are present in most of the schists here, (they are hard, well-striated along
112.77	114.29	Xqp	0	Muscovite-biotite+-chlorite schist. Some pieces of hornfelsed?, FeO altered Xs with trace interstitial pyr mineralization.
114.29	115.82	Xqp	0	Weakly FeO altered, no vis mineralization. Weakly FeO altered. Muscovite-chlorite-biotite schist, mostly quartz poor, ~10%, though up to 70% in a few clasts, muscovite is dominant, chlorite and biotite are about even in abundance
115.82	117.34	Xqp	0	Weakly FeO altered, no vis mineralization. Weakly FeO altered. Muscovite-chlorite-biotite schist, mostly quartz poor, ~10%, though up to 70% in a few clasts recorded as micaceous quartzite, muscovite is dominant, chlorite and biotite are about even in abu
117.34	118.87	Xqp	0	Weakly FeO altered, no vis mineralization. Weakly FeO altered. Muscovite-chlorite-biotite schist, mostly quartz poor, ~10%, though up to 70% in a few clasts, muscovite is dominant, chlorite and bioite are about even in abundance
118.87	120.39	Xqp	0	Weakly FeO altered. Muscovite-chlorite-biotite schist, quartz poor, ~10%, muscovite dominant, chlorite and bioite are about even in abundance
120.40	124.95	Xqp	0	muscovite+-biotite+-chlorite schist, quartz poor, and a micaceous quartzite
124.96	126.49	Xqp	0	FeO alteration along foliations. Muscovite schist, with trace biotite and chlorite
126.49	128.01	Xq	0	Micaceous Xq/quartz-muscovite schist (with up to 85% quartz), with FeO alteration along foliations. White quartz fragments.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-005
Length (m) 129.54
Log Date 10/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

MINERALISATION

mFrom	mTo	Min1	Relog	Comments

21.33	22.86	PO	0	trace
47.24	48.77	AS	0	trace
76.20	77.72	PO	0	up to 5% arsenopyrite in one of the larger quartz vein, 'chips'
80.77	82.29	PO	0	trace sulfides
82.29	83.82	AS	0	trace
85.34	86.86	AS	0	biotites nearby are fresh/unaltered
88.39	89.91	AS	0	trace
102.10	103.63	PO	0	aligned along foliation
115.82	117.34	AS	0	trace
126.49	128.01	AS	0	trace arsenopyrite

VEINS

mFrom	mTo	Vein1	Relog	Comments

0.00	1.52	QZ	0	no visible mineralization
10.67	15.24	QZ	0	no visible mineralization
28.96	30.48	QZ	0	no visible mineralization
30.48	32.00	QZ	0	fine granular white quartz, ie. Not 'clear'
33.53	35.05	QZ	0	no visible mineralization
36.58	39.62	QZ	0	no visible mineralization
45.72	48.77	QAS	0	trace arsenopyrite
51.82	54.86	QZ	0	no visible mineralization
59.44	60.96	QZ	0	no visible mineralization
62.48	64.01	QZ	0	no visible mineralization
73.15	74.68	QZ	0	trace pyrite
76.20	77.72	QAS	0	up to 5% arsenopyrite in a singel 1cm size 'chip'
77.72	79.25	QZ	0	granular quartz, but different from the typical equigranular meta-quartz veins which are usually more clear than opaquish white, no visible mineralization
88.39	89.92	QZ	0	no visible mineralization
96.01	97.54	QT	0	trace tourmaline in quartz, no visible mineralization
106.68	108.20	QCL	0	no visible mineralization
114.30	115.82	QS	0	arsenopyrite and pyrite grains

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-005
Length (m) 129.54
Log Date 10/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
121.92	123.44	QZ	0	no visible mineralization

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Hawthorne

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-006

Length (m) 143.29

Size 4.75

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 07/08/2010

Date Finished 09/08/2010

Other Hole name AUD-018-Haw

Cassing Pulled Yes

Cassing (m) 18.3

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Target

Log Date 06/11/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Max Ryan, logged by Shane Carlos; centerflow hammer with 4 3/4" diameter from 0'-180', conventional hammer with 5 1/8" diameter from 180' to

Collar survey Date

Survey By Max Ryan

Method Handheld GPS

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	438,900.00	7,071,939.00	1,355.00	300.00	-60.00
Preferred	UTM83-8	438,900.00	7,071,939.00	1,355.00	300.00	
Local	LOCL_AuDom	5,543.01	7,098.64	1,355.00	345.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10112262	08/09/2010	132.59	143.26	0
ALS	QC-OK	WH10112263	04/09/2010	0.00	30.48	0
ALS	QC-OK	WH10112264	07/09/2010	30.48	80.77	0
ALS	QC-OK	WH10112265	07/09/2010	80.77	132.59	0
ALS	QC-OK	WH10137371	05/10/2010	117.35	118.87	1

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10430	65.53	67.06	2-FDU	0	0.00	7.38	WH10112264
RC10480	134.11	135.64	2-FDU	0	0.02	5.21	WH10112262
RC10420			Blk	0	0.00	0.13	WH10112264
RC10450			Blk	0	0.00	0.21	WH10112265
RC10460			SRM_NSS	0		-999.00	
RC10390			SRM_OR-15h	0	-999.00	0.07	WH10112263
RC10410			SRM_OR-16b	0	2.15	0.06	WH10112264

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
94	20	30	0	0	0	23	0	0

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-006
Length (m)	143.29
Log Date	06/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
1.52	RC10382	0.104	0.308	437	1.52	Xqp																
3.05	RC10383	0.043	0.242	389	3.05	Xqp																
4.57	RC10384	0.039	0.15	383	4.57	Xqp																
6.10	RC10385	0.053	0.185	436	6.10	Xqp																
7.62	RC10386	0.061	0.136	399	7.62	Xqp																
9.14	RC10387	0.13	0.214	642	9.14	Xq	Xqp															
10.67	RC10388	0.137	0.225	559	10.67	Xq	Xqp															
12.19	RC10389	0.108	0.137	283	12.19	Xqp																
13.72	RC10391	0.424	0.16	738	13.72	Xqp																
15.24	RC10392	0.127	0.103	540	15.24	Xqp																
16.76	RC10393	0.071	0.066	338	16.76	Xqp																

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-006
Length (m)	143.29
Log Date	06/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
								No Data														
18.29	RC10394	0.107	0.087	431	18.29	Xqp																
19.81	RC10395	0.106	0.082	346	19.81	Xqp																
21.34	RC10396	0.058	0.267	606	21.33	Xqp																
22.86	RC10397	0.067	0.179	549	22.86	Xqp																
24.38	RC10398	0.096	0.213	644	24.38	Xq	Xqp					24.38										
25.91	RC10399	0.184	0.22	675	25.91	Xq	Xqp					25.91	0.5	LITH								
27.43	RC10401	0.145	0.123	573	27.43	Xq	Xqp					27.43	0.5	LITH								
28.96	RC10402	0.047	0.058	306	28.95	Xq	Xqp					28.95	No Data									
30.48	RC10403	0.06	0.052	242	30.48	Xq	Xqp					30.48	0.5	LITH	0.5	LITH						
32.00	RC10404	0.069	0.142	378	32.00	Xqp																
33.53	RC10405	0.025	0.058	363	33.53	Xqp		33.53				No Data										

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-006
Length (m) 143.29
Log Date 06/11/2010

Assays					Litho			Alteration				Mineralization								
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite			
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur
	RC10406	0.006	0.047	276		Xqp			CC	1		No Data								
35.05					35.05			35.05												
	RC10407	0.031	0.071	498		Xqp			CC	1		No Data								
36.58					36.57			36.57												
	RC10408	0.022	0.047	261		Xqp		No Data						0.5	LITH					
38.10					38.10							38.10								
	RC10409	0.016	0.061	408		Xqp								0.5	LITH					
39.62					39.62							39.62								
	RC10411	0.025	0.052	423		Xqp								0.5	LITH					
41.15					41.15			41.15				No Data								
	RC10412	0.03	0.084	491		Xqp														
42.67					42.67			42.67				No Data								
	RC10413	0.048	0.082	547		Xqp			CC	1										0.5
44.20					44.19			44.19				No Data								
	RC10414	0.017	0.079	826		Xqp														
45.72					45.72			45.72				No Data								
	RC10415	0.008	0.063	721		Xqp														
47.24					47.24			47.24												
	RC10416	0.095	0.054	733		Xqp			CC	1										
48.77					48.77			48.77												
	RC10417	0.011	0.054	572		Xqp		No Data				No Data								
50.29					50.29															

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-006
Length (m) 143.29
Log Date 06/11/2010

Assays					Litho			Alteration				Mineralization							
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite		
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	
	RC10418	0.011	0.04	278		Xqp													
51.82					51.81			51.81											
	RC10419	0.005	0.035	236		Xqp			CC	1									
53.34					53.34			53.34											
	RC10421	0.0025	0.064	238		Xqp			CC	1									
54.86					54.86			54.86				54.86							
	RC10422	0.0025	0.045	161		Xh			CC	1			0.5	LITH					
56.39					56.39			56.39				56.39							
	RC10423	0.0025	0.062	136		Xh			CC	1									
57.91					57.91			57.91											
	RC10424	0.008	0.051	119.5		Xh			CC	1									
59.44					59.43			59.43					No Data						
	RC10425	0.0025	0.054	111.5		Xqp													
60.96					60.96														
	RC10426	0.05	0.056	397		Xqp													
62.48					62.48							62.48							
	RC10427	0.01	0.069	79.8		Xqp							0.5	LITH					
64.01					64.00							64.00							
	RC10428	0.011	0.055	241		Xqp							0.5	LITH					
65.53					65.53							65.53							
	RC10429	0.011	0.057	217		Xqp							No Data						
67.06					67.05							67.05							

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-006
Length (m)	143.29
Log Date	06/11/2010

[illegible]

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-006
Length (m)	143.29
Log Date	06/11/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
85.34	RC10443	0.016	0.064	172	85.34	Xqp						No Data							
86.87	RC10444	0.021	0.073	217	86.86	Xqp													
88.39	RC10445	0.012	0.085	158	88.39	Xqp													
89.92	RC10446	0.02	0.069	163	89.91	Xqp													
91.44	RC10447	0.012	0.049	122.5	91.44	Xqp													
92.96	RC10448	0.021	0.075	214	92.96	Xqp	92.96												
94.49	RC10449	0.019	0.115	123	94.48	Xh	Xqp											94.48	CC
96.01	RC10451	0.034	0.099	349	96.01	Xqp	Xqp	96.01	CC	1	96.01	No Data							
97.54	RC10452	0.014	0.079	125	97.53	Xqp													
99.06	RC10453	0.015	0.066	201	99.06	Xqp													
100.58	RC10454	0.062	0.226	393	100.58	Xh	Xqp	100.58			100.58								

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-006
Length (m)	143.29
Log Date	06/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
102.11	RC10455	0.036	0.213	261	102.10	Xqp		102.10	CC	1		No Data										
103.63	RC10456	0.011	0.071	110.5	103.63	Xqp																
105.16	RC10457	0.015	0.067	140	105.15	Xqp																
106.68	RC10458	0.02	0.087	140	106.67	Xqp							106.67									
108.20	RC10459	0.02	0.063	120	108.20	Xqp							108.20	0.5	LITH							
109.73	RC10461	0.022	0.084	132.5	109.72	Xqp							109.72	0.5	LITH	0.5	LITH					
111.25	RC10462	0.009	0.075	80.8	111.25	Xqp																
112.78	RC10463	0.064	0.234	423	112.77	Xqp																
114.30	RC10464	0.05	0.101	325	114.29	Xqp																
115.82	RC10465	0.027	0.109	367	115.82	Xqp							115.82									
117.35	RC10466	0.031	0.093	232	117.34	Xqp		117.34				117.34	0.5	LITH								

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-006
Length (m)	143.29
Log Date	06/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-006
Length (m) 143.29
Log Date 06/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	1.52	Xqp	0	Chlorite-muscovite-biotite schist, quartz up to maybe 40%
1.52	3.05	Xqp	0	Chlorite-muscovite-biotite schist, quartz up to maybe 40%
3.05	4.57	Xqp	0	Chlorite-muscovite-biotite schist, quartz up to maybe 40%
4.57	6.10	Xqp	0	Chlorite-muscovite-biotite schist, quartz up to maybe 40%
6.10	7.62	Xqp	0	Chlorite-muscovite-biotite schist, quartz up to maybe 40%
7.62	9.14	Xq	0	Quartz-muscovite schist/micaceous quartzite, up to 80% quartz. Also, a trace amount of muscovite-chlorite schist.
9.14	10.67	Xq	0	Quartz-muscovite schist/micaceous quartzite, up to 80% quartz. Also, a trace amount of muscovite-chlorite schist.
10.67	12.19	Xqp	0	muscovite-chlorite-biotite schist
12.19	13.72	Xqp	0	muscovite-chlorite-biotite schist
13.72	15.24	Xqp	0	muscovite-chlorite-biotite schist
15.24	16.76	Xqp	0	muscovite-chlorite-biotite schist
16.76	18.29	Xqp	0	muscovite-chlorite-biotite schist
18.29	19.81	Xqp	0	muscovite-chlorite-biotite schist
19.81	21.33	Xqp	0	Abundant quartz fragments. Penetratively FeO and Si-altered. Oxidized pyr in qtz vein material.muscovite-chlorite-biotite schist
21.33	22.86	Xqp	0	Penetratively FeO and Si-altered. V-fg, oxidized, pyr (or apy?).muscovite-chlorite-biotite schist
22.86	24.38	Xq	0	Quartz-muscovite schist/micaceous quartzite, up to 80% quartz. Also, a trace amount of muscovite-chlorite schist.
24.38	25.91	Xq	0	Quartz-muscovite schist/micaceous quartzite, up to 80% quartz. Also, a trace amount of muscovite-chlorite schist.
25.91	27.43	Xq	0	Quartz-muscovite schist/micaceous quartzite, up to 80% quartz. Also, a trace amount of muscovite-chlorite schist.
27.43	28.95	Xq	0	Quartz-muscovite schist/micaceous quartzite, up to 80% quartz. Also, a trace amount of muscovite-chlorite schist.
28.95	30.48	Xq	0	Quartz-muscovite schist/micaceous quartzite, up to 80% quartz. Also, a trace amount of muscovite-chlorite schist.
30.48	32.00	Xqp	0	Muscovite-biotite schist
32.00	33.53	Xqp	0	Quartz fragments +/- FeO alteration on fractures, with oxidized hematite +/- oxidized apy (?). Muscovite-biotite schist
33.53	35.05	Xqp	0	Muscovite-biotite schist
35.05	36.57	Xqp	0	Muscovite-biotite schist

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-006
Length (m) 143.29
Log Date 06/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
36.57	38.10	Xqp	0	MnO-- steel blue mineral present as interstitial clots + FeO. Quartz fragments. Muscovite-biotite schist
38.10	39.62	Xqp	0	MnO-- steel blue mineral present as interstitial clots + FeO. Quartz fragments. Muscovite-biotite schist
39.62	41.15	Xqp	0	Abundant small rock fragments. Quartz fragments. Muscovite-biotite schist
41.15	42.67	Xqp	0	Muscovite-biotite schist
42.67	44.19	Xqp	0	MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-biotite schist
44.19	45.72	Xqp	0	MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-biotite schist
45.72	47.24	Xqp	0	Abundant small rock fragments. Muscovite-biotite schist
47.24	48.77	Xqp	0	Muscovite-biotite schist
48.77	50.29	Xqp	0	MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-biotite schist
50.29	51.81	Xqp	0	Abundant small rock fragments. Muscovite-biotite schist
51.81	53.34	Xqp	0	Muscovite-biotite schist
53.34	54.86	Xqp	0	Muscovite-biotite schist
54.86	56.39	Xh	0	Muscovite-biotite+-wollastonite(?) schist. A 'fan' of radiating, semi-fibrous, translucent, very light brown to clear white, hard (least 5), mineral, wollastonite? Rock is very dense and represents a hornfels.
56.39	57.91	Xh	0	Muscovite-biotite+-wollastonite(?) schist. A 'fan' of radiating, semi-fibrous, translucent, very light brown to clear white, hard (least 5), mineral, ?
57.91	59.43	Xh	0	Muscovite-biotite+-wollastonite(?) schist. A 'fan' of radiating, semi-fibrous, translucent, very light brown to clear white, hard (least 5), mineral, ?
59.43	60.96	Xqp	0	Muscovite-biotite-chlor schist
60.96	62.48	Xqp	0	packed with a fine, elongate, sometimes hexagonal cross-sectioned, light brown/pale brown-green, translucent, striated, mineral, likely tourmaline and maybe some epidote. Also some very rare light blue, hard cordierite, occurring within some minor quartzit
62.48	64.00	Xqp	0	Muscovite-biotite schist; lith1 min: m+c+b
64.00	65.53	Xqp	0	White quartz fragments + FeO alteration. Some super silicified, grey, with interstitial pyrite mineralization. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.
65.53	67.05	Xqp	0	Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.
67.05	68.58	Xqp	0	MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
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Logger Shane Carlos

Hole name GDRC10-006
Length (m) 143.29
Log Date 06/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
68.58	70.10	Xqp	0	White quartz fragments + FeO alteration. Locally penetratively FeO altered. MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably
70.10	71.62	Xqp	0	White quartz fragments + FeO alteration. Locally penetratively FeO altered. MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is much les
71.62	73.15	Xqp	0	White quartz fragments + FeO alteration. Locally penetratively FeO altered. MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is much les
73.15	74.67	Xqp	0	White quartz fragments + FeO alteration. MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.
74.67	76.20	Xqp	0	White quartz fragments (no FeO alteration)- late qtz. MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dens
76.20	77.72	Xqp	0	White quartz fragments (no FeO alteration)- late qtz. MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dens
77.72	79.24	Xqp	0	White quartz fragments + FeO alteration. MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.
79.24	80.77	Xqp	0	White quartz fragments + FeO alteration. MnO-- steel blue mineral present as interstitial clots + FeO. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.
80.77	82.29	Xqp	0	MnO-- steel blue mineral present as interstitial clots + FeO. Some pieces penetratively FeO altered. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.
82.29	83.82	Xqp	0	White quartz fragments (no FeO alteration). MnO-- steel blue mineral present as interstitial clots + FeO. Some pieces penetratively FeO altered. Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is m
83.82	85.34	Xqp	0	White quartz fragments (no FeO alteration). Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-006
Length (m) 143.29
Log Date 06/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
85.34	86.86	Xqp	0	Quartz fragments +/- FeO alteration on fractures, with oxidized hematite +/- oxidized apy (?). Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.
86.86	88.39	Xqp	0	Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.
88.39	89.91	Xqp	0	Milky white quartz fragments (no FeO alteration). Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.
89.91	91.44	Xqp	0	Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.
91.44	92.96	Xqp	0	Muscovite-chlorite-biotite schist, quartz up to 70% in a few rare clasts throughout , but mostly quartz is probably ~20%. Also very dense.
92.96	94.48	Xh	0	Skarn, with 0.5-1mm red-pink garnets surrounded by fine, bright granular diopside? (maybe green garnets), within a muscovite-biotite+-tourmaline schist, (Please see accompanying photographs, 0951+0952); lith1 min: g+x+m+b
94.48	96.01	Xqp	0	FeO-altered white quartz. Some earthy red hematite altered muscovite schist clasts; lith1 min: m+c+b
96.01	97.53	Xqp	0	Milky white quartz fragments (no FeO alteration) & quartz + chlorite vein material; lith1 min: m+c+b
97.53	99.06	Xqp	0	Milky white quartz fragments (no FeO alteration). Muscovite-chlorite-biotite schist
99.06	100.58	Xh	0	Milky white quartz fragments (no FeO alteration). MnO-- steel blue mineral present as interstitial clots. Muscovite-biotite-wollastonite hornfelsed schist and some Muscovite-chlorite-biotite schist
100.58	102.10	Xqp	0	Milky white quartz fragments (no FeO alteration) + MnO-- steel blue mineral present as coatings on fractures. Muscovite-chlorite-biotite schist
102.10	103.63	Xqp	0	Milky white quartz fragments (no FeO alteration). Oxidized, cubic (euhedral) pyrite in qtz + FeO vein material. Muscovite-chlorite-biotite schist
103.63	105.15	Xqp	0	Quartz fragments + trace FeO alteration. Trace oxidized apy +/- pyr in qtz vein material + FeO. Muscovite-chlorite-biotite schist
105.15	106.67	Xqp	0	Abundant small rock fragments- fracture zone? Quartz fragments + trace FeO alteration. MnO-- steel blue mineral present as coatings on fractures +FeO. Muscovite-chlorite-biotite schist
106.67	108.20	Xqp	0	Quartz fragments + trace FeO alteration. MnO-- steel blue mineral present as coatings on fractures +FeO. Muscovite-chlorite-biotite schist
108.20	109.72	Xqp	0	Abundant small rock fragments. Milky white quartz fragments (no FeO alteration). Muscovite-chlorite-biotite schist
109.72	111.25	Xqp	0	Milky white quartz fragments (no FeO alteration). Muscovite-chlorite-biotite schist
111.25	112.77	Xqp	0	Abundant small rock fragments. Milky white quartz fragments (no FeO alteration). MnO-- steel blue mineral present as coatings on fractures +FeO. Muscovite-chlorite-biotite schist

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-006
Length (m) 143.29
Log Date 06/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
112.77	114.29	Xqp	0	Muscovite-chlorite-biotite schist
114.29	115.82	Xqp	0	Milky white quartz fragments (no FeO alteration) & quartz + trace FeO alteration (two vein types). Muscovite-chlorite-biotite schist
115.82	117.34	Xqp	0	Abundant small rock fragments. Muscovite-chlorite-biotite schist
117.34	118.87	Xqp	0	Very weak (trace) Feo alteration. Tiny clear quartz fragments. Muscovite-chlorite-biotite schist
118.87	120.39	Xh	0	Cloudy quartz fragments. Muscovite-biotite schist and some calc-silicates? Very fine grained brighter green, fibrous mineral, soft?, may just be fibrous chlorite.
120.39	121.91	Xqp	0	Quartz fragments + FeO. MnO-- steel blue mineral present as coatings on fractures +FeO. Muscovite-chlorite-biotite schist
121.91	123.44	Xqp	0	MnO-- steel blue mineral present as coatings on fractures +FeO. Muscovite-chlorite-biotite schist
123.44	124.96	Xh	0	Milky white quartz and white quartz + FeO fragments. Some muscovite-wollastonite? schist with porphyroblastic wollastonites?,
124.96	126.49	Xqp	0	Muscovite-chlorite-biotite schist
126.49	128.01	Xqp	0	Quartz + chlorite vein material. Muscovite-chlorite-biotite schist
128.01	129.53	Xqp	0	Milky white quartz fragmens. Muscovite-chlorite-biotite schist
129.53	131.06	Xh	0	Skarnified? Muscovite-chlorite schist with some elongate, white wollastonites? and FeO altered quartz.
131.06	132.58	Xqp	0	Milky white quartz and white quartz + FeO fragments. Some pieces more penetratively FeO altered. MnO-- steel blue mineral present as coatings on fractures +FeO. Muscovite-chlorite-biotite schist
132.58	134.11	Xqp	0	Muscovite-chlorite-biotite schist
134.11	135.63	Xqp	0	Fragments of quatz + chl vein material. Muscovite-chlorite-biotite schist
135.63	137.15	Xqp	0	Quartz fragments + FeO. Muscovite-chlorite-biotite schist
137.15	138.68	Xqp	0	Quartz fragments + FeO. Relatively abundant small fragments. Muscovite-chlorite-biotite schist
138.68	140.20	Xqp	0	Fragments of quatz + chl vein material. Muscovite-chlorite-biotite schist
140.20	141.73	Xqp	0	Quartz fragments + FeO. Muscovite-chlorite-biotite schist
141.73	143.25	Xqp	0	Quartz fragments + FeO. Relatively abundant small fragments, mostly muscovite-chlorite-biotite schist

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
124.96	126.49	WM	0	possibly some sericite alteration around a stringer quartz vein, generally mafics are bleached and then iron oxide staining masks over the schist

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-006
Length (m) 143.29
Log Date 06/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
28.95	30.48	AS	0	trace sulfide in the quartzite
36.57	38.10	AS	0	trace
38.10	39.62	AS	0	trace
96.01	97.53	PO	0	trace
97.53	99.06	AS	0	trace
106.67	108.20	PY	0	trace
108.20	109.72	AS	0	trace sulphide

VEINS

mFrom	mTo	Vein1	Relog	Comments
0.00	1.52	QZ	0	no visible mineralization
4.57	6.10	QZ	0	no visible mineralization
6.10	10.67	QZ	0	no visible mineralization
12.19	13.72	QZ	0	no visible mineralization
15.24	18.29	QZ	0	no visible mineralization
21.34	25.91	QZ	0	no visible mineralization
30.48	32.00	QZ	0	no visible mineralization
36.58	38.10	QZ	0	no visible mineralization
39.62	45.72	QZ	0	no visible mineralization
59.44	60.96	QZ	0	no visible mineralization
64.01	67.06	QZ	0	no visible mineralization
73.15	74.68	QZ	0	no visible mineralization
77.72	83.82	QZ	0	no visible mineralization and no visible sericite alteration, chlorites are in close to the vein 'chips' that have wallrock attached
86.87	89.92	QZ	0	no visible mineralization
94.49	96.01	QZ	0	no visible mineralization
100.58	103.63	QZ	0	no visible mineralization
105.16	108.20	QZ	0	no visible mineralization or sericite alteration, though the iron oxides may be masking the sericite
112.78	120.40	QZ	0	no visible mineralization, fine equigranular to granular quartz
124.97	126.49	QZ	0	no visible mineralization

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-006
Length (m) 143.29
Log Date 06/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
126.49	131.06	QZ	0	no visible mineralization
132.59	134.11	QZ	0	no visible mineralization
137.16	138.68	QZ	0	no visible mineralization
140.21	143.26	QZ	0	no visible mineralization

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Toby

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-007

Length (m) 106.7

Size 4.75

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 10/08/2010

Date Finished 10/08/2010

Other Hole name AUD-032-Toby

Cassing Pulled Yes

Cassing (m) 6.1

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Log Date 12/11/2010

Target

Hole Comments survey tools: GPS and compass; surveyed and sampled by Jeff Cary, logged by Shane Carlos; centerflow hammer

Collar survey Date

Survey By Jeff Cary

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,372.00	7,069,268.00	1,528.00	0.00	-90.00
Preferred	UTM83-8	437,372.00	7,069,268.00	1,528.00	0.00	
Local	LOCL_AuDom	2,573.87	6,290.42	1,528.00	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10112262	08/09/2010	0.00	39.62	0
ALS	QC-OK	WH10114706	02/09/2010	39.62	89.92	0
ALS	QC-OK	WH10118965	10/09/2010	89.92	106.68	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10520	44.20	45.72	2-FDU	0	0.00	3.00	WH10114706
RC10500			Blk	0	0.01	0.18	WH10112262
RC10540			Blk	0	0.00	0.33	WH10114706
RC10560			Blk	0	0.00	0.34	WH10118965
RC10530			SRM_OR-15h	0	0.95	0.08	WH10114706
RC10490			SRM_OR-16b	0	2.13	0.07	WH10112262

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
23	69	56	0	0	0	10	0	0

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-007
Length (m) 106.7
Log Date 12/11/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur			
1.52	RC10487	0.012	0.122	643		Xq	Xp	1.52	FEO	5	PER	No Data													
3.05	RC10488	0.018	0.231	2640				3.05	FEO	5	PER		3.05												
4.57	RC10489	0.013	0.206	1045				4.57	FEO	5	PER		4.57	0.5	LITH										
6.10	RC10491	0.014	0.169	1090		Xp	Xq	6.10	FEO	2	PER	No Data													
7.62	RC10492	0.011	0.161	1465				7.62	FEO	2	PAT		7.62	0.5	LITH										
9.14	RC10493	0.01	0.302	1710				9.14	FEO	2	PAT		9.14	0.5	LITH										
10.67	RC10494	0.012	0.45	2050		Xp	Xq	10.67	FEO	5	PER	No Data													
12.19	RC10495	0.047	0.82	2300				12.19	FEO	5	PER		12.19	0.5	LITH										
13.72	RC10496	0.48	2.27	10000		Xp	Xq	13.72	CC	2		No Data													
15.24	RC10497	0.021	0.425	1190				15.24	CC	2			15.24	1.5	LITH										
16.76	RC10498	0.017	0.566	801				16.76	CC	2			16.76	0.5	LITH										

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-007
Length (m)	106.7
Log Date	12/11/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur			
18.29	RC10499	0.017	0.703	1135	18.29	Xp	Xq	18.29	FEO	4	PER	18.29	0.5	LITH											
19.81	RC10501	0.019	0.271	1750	21.34	Xp	Xq	19.81	CC	1		19.81	0.5	LITH											
21.34	RC10502	0.036	0.2	4140				21.34	21.33	21.33	0.5	LITH													
22.86	RC10503	0.054	0.588	4200	22.86	Xp	Xq	22.86	FEO	5	PER	22.86	0.5	LITH											
24.38	RC10504	0.014	0.258	2290	24.38	Xp	Xq	24.38	FEO	2	PAT	24.38													
25.91	RC10505	0.01	0.18	2750	32.00	Xq	Xp	25.91	FEO	6	PER	33.53	No Data												
27.43	RC10506	0.005	0.121	921				27.43	27.43	27.43	FEO		4	PER	27.43										
28.96	RC10507	0.0025	0.084	734				28.95	28.95	28.95	FEO		4	PER	28.95	0.5	LITH								
30.48	RC10508	0.0025	0.077	532				30.48	30.48	30.48	FEO		4	PER											
32.00	RC10509	0.0025	0.084	529				32.00	32.00	32.00	FEO		4	PER											
33.53	RC10511	0.0025	0.069	392	33.53			33.53	FEO	4	PER		No Data												

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-007
Length (m) 106.7
Log Date 12/11/2010

Assays					Litho			Alteration				Mineralization											
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite		
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur	
	RC10512	0.0025	0.089	334					FEO	4	PER												
35.05								35.05															
	RC10513	0.0025	0.072	234					FEO	4	PER												
36.58								36.57															
	RC10514	0.0025	0.071	218					FEO	4	PER	38.10											
38.10								38.10															
	RC10515	0.055	0.192	3210					FEO	4	PER	0.5	LITH										
39.62					39.62			39.62				39.62											
	RC10516	0.0025				Xq	Xp		CC	2			0.5	LITH									
41.15					41.15			41.15				41.15											
	RC10517	0.0025							CC	2			0.5	LITH									
42.67								42.67															
	RC10518	0.0025							CC	2		1.5	LITH										
44.20								44.19				44.19											
	RC10519	0.0025							CC	2			0.5	LITH									
45.72								45.72				45.72											
	RC10521	0.0025							FEO	2	PAT	0.5	LITH										
47.24									FEO	1	PAT		0.5	LITH									
	RC10522	0.0025							48.77			48.77											
48.77																							
	RC10523	0.0025							FEO	1	PAT		0.5	LITH									
50.29									50.29			50.29											

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-007
Length (m) 106.7
Log Date 12/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
51.82	RC10524	0.0025			56.39	Xp	Xq	51.81	FEO	1	PAT	51.81	0.5	LITH	No Data							
53.34	RC10525	0.0025						53.34	FEO	1	PAT											
54.86	RC10526	0.0025						54.86	FEO	2	PAT											
56.39	RC10527	0.0025						56.39	FEO	2	PAT											
57.91	RC10528	0.0025			60.96	Xp	Xq	57.91	CC	1		57.91	0.5	LITH								
59.44	RC10529	0.0025						59.43	CC	2												
60.96	RC10531	0.005						60.96	CC	1												
62.48	RC10532	0.005			62.48	Xq		62.48	CC	1		62.48	0.5	LITH								
64.01	RC10533	0.0025			67.05			64.00	CC	2												
65.53	RC10534	0.0025						65.53	CC	2												
67.06	RC10535	0.0025						67.05	CC	1												

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-007
Length (m)	106.7
Log Date	12/11/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
68.58	RC10536	0.0025			Xp	Xq		68.58	CC	1		68.58	0.5	LITH									
70.10	RC10537	0.0025						70.10	CC	1		70.10	0.5	LITH									
71.63	RC10538	0.0025						71.62	CC	2		71.62	0.5	LITH									
73.15	RC10539	0.006						73.15	CC	1		73.15	0.5	LITH									
74.68	RC10541	0.0025						74.67	CC	2		74.67	0.5	LITH									
76.20	RC10542	0.0025						76.20	CC	2		76.20	0.5	LITH									
77.72	RC10543	0.0025						77.72	CC	1		77.72	0.5	LITH									
79.25	RC10544	0.0025						79.24	CC	1		79.24	0.5	LITH									
80.77	RC10545	0.0025						80.77	CC	2		80.77	0.5	LITH									
82.30	RC10546	0.0025						82.29	CC	2		82.29	0.5	LITH									
83.82	RC10547	0.0025						83.82	CC	2		83.82	0.5	LITH									

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-007
Length (m) 106.7
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Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
85.34	RC10548	0.0025			85.34			85.34	CC	2		85.34	0.5	LITH									
86.87	RC10549	0.0025			86.87	Xp	Xq	86.86	CC	1		86.86	0.5	LITH									
88.39	RC10551	0.007			88.39	Xq		88.39	CC	1		88.39	0.5	LITH									
89.92	RC10552	0.0025			89.92	Xp		89.91	CC	1		89.91	0.5	LITH									
91.44	RC10553	0.0025	0.1	20		Xq		91.44	WM	2	PER	91.44	0.5	LITH									
92.96	RC10554	0.0025	0.1	34				92.96	No Data			92.96	0.5	LITH									
94.49	RC10555	0.0025	0.1	50				94.49	CC	1		94.48	0.5	LITH									
96.01	RC10556	0.005	0.5	1455	96.01	Xp	Xq	96.01	CC	2		96.01	0.5	LITH									
97.54	RC10557	0.0025	0.1	75	97.54	Xq		97.53	CC	3		97.53	0.5	LITH									
99.06	RC10558	0.017	0.2	2470	99.06	Xq		99.06	CC	3		99.06	0.5	LITH									
100.58	RC10559	0.0025	0.1	354				100.58	CC	1		100.58	0.5	VN									

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-007
Length (m) 106.7
Log Date 12/11/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur			
	RC10561	0.0025	0.1	163		Xp	Xq		CC	2			1.5	LITH							
102.11															102.10						
	RC10562	0.0025	0.1	136					CC	2		No Data									
103.63															103.63						
	RC10563	0.0025	0.3	139					CC	2											
105.16																					
	RC10564	0.0025	0.2	203					CC	2			1.5	VN							
106.68																					

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-007
Length (m) 106.7
Log Date 12/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	4.57	Xq	0	micaceous quartzite/schist (maybe scavenged from the overburden) and ~10% phyllite (no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and fissile)
4.57	9.14	Xp	0	very fine grained, a phyllite, (no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and fissile). Also, some (~30%) micaceous quartzite.
9.14	12.19	Xp	0	phyllite and micaceous quartzite: Lith2 min: q+m
12.19	16.76	Xp	0	phyllite (no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and fissile) and ~15% fine-grained granular quartzite
16.76	18.29	Xp	0	phyllite with trace granular quartzite
18.29	21.34	Xp	0	~15% quartzite, 85% phyllite
21.34	22.86	Xp	0	~85% phyllite
22.86	24.38	Xp	0	~85% phyllite
24.38	39.62	Xq	0	~90% quartzite, with trace phyllite. Also, at 120'-125' there is at least a single grain of pale blue, very hard cordierite within the quartzite
39.62	41.15	Xq	0	~90% fine-granular quartzite with a few fine granular, visible biotites
41.15	45.72	Xp	0	mostly phyllite, mybe 30-40% quartzite
45.72	56.39	Xp	0	about 50-50 phyllite to quartzite
56.39	60.96	Xp	0	about 65% phyllite to 35% quartzite
60.96	62.48	Xq	0	quartzite
62.48	85.34	Xp	0	80% phyllite and 20% quartzite. Quartzite has just visible biotie grains and phyllite has little to no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and fiss
85.34	86.87	Xp	0	One cordierite grain is evident in the quartzite here (pale blue, very hard). 80% phyllite and 20% quartzite. Quartzite has just visible biotite grains and phyllite has little to no visible mineral differentiation, just an even, very fine grained texture
86.87	88.39	Xq	0	light greenish quartzite, probably some minor sericite alteration
88.39	89.92	Xp	0	phyllite
89.92	94.49	Xq	0	quartzite
94.49	96.01	Xp	0	maybe 50-50 phllite to quartzite, with one grain found of pale blue, very hard: cordierite in the quartzite
96.01	97.54	Xq	0	one grain of cordierite seen, (pale blue, very hard)
97.54	99.06	Xq	0	quartzite

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-007
Length (m) 106.7
Log Date 12/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
99.06	106.68	Xp	0	Phyllite with little to no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and fissile. Occasionally see a biotite grain. The quartzite is ~15% of this interv

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
19.81	21.33	CC	0	very trace sericite (light yellowish-green cast) to some of the phyllite 'chips'
25.91	27.43	FEO	0	light greenish cast to the schist; sericite
70.10	71.62	CC	0	light greenish cast to the schist; sericite
74.67	76.20	CC	0	light greenish cast to the schist; sericite
86.86	88.39	CC	0	light greenish cast to the schist; sericite
89.91	91.44	WM	0	light greenish cast to the schist; sericite
97.53	99.06	CC	0	light greenish cast to the schist; sericite
99.06	100.58	CC	0	light greenish cast to the schist; sericite

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
97.53	99.06	PY	0	trace sulfide
99.06	100.58	PO	0	trace sulfide
100.58	102.10	PO	0	pyrite occuring with some sericite alteration

VEINS

mFrom	mTo	Vein1	Relog	Comments
0.00	4.57	QZ	0	No visible mineralization (ex. no sulphide or sulphosalt, or native element)
7.62	9.14	QZ	0	No visible mineralization (ex. no sulphide or sulphosalt, or native element)
22.86	25.91	QZ	0	No visible mineralization (ex. no sulphide or sulphosalt, or native element)
45.72	47.24	QZ	0	No visible mineralization (ex. no sulphide or sulphosalt, or native element)
53.34	56.39	QZ	0	No visible mineralization (ex. no sulphide or sulphosalt, or native element)
60.96	64.01	QZ	0	No visible mineralization (ex. no sulphide or sulphosalt, or native element)
86.87	88.39	QZ	0	No visible mineralization (ex. no sulphide or sulphosalt, or native element)
97.54	99.06	QW	0	No visible mineralization (ex. no sulphide or sulphosalt, or native element)

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-007
Length (m) 106.7
Log Date 12/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
99.06	100.58	QS	0	with pyrrhotie and pyrite
105.16	106.68	QPY	0	abundant pyrite in a single quartz 'chip'

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Toby

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-008

Length (m) 106.68

Size 4.75

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 10/08/2010

Date Finished 13/08/2010

Other Hole name AUD-033-Toby

Cassing Pulled Yes

Cassing (m) 4.57

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Log Date 12/11/2010

Target

Hole Comments survey tools: GPS and compass; surveyed and sampled by Jeff Cary, logged by Shane Carlos; centerflow hammer 4 3/4"; casing 6 5/8";

Collar survey Date

Survey By Jeff Cary

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,461.00	7,069,357.00	1,523.00	0.00	-90.00
Preferred	UTM83-8	437,461.00	7,069,357.00	1,523.00	0.00	
Local	LOCL_AuDom	2,699.73	6,290.42	1,523.00	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10118965	10/09/2010	0.00	33.53	0
ALS	QC-OK	WH10118966	09/09/2010	33.53	82.30	0
ALS	QC-OK	WH10118968	09/09/2010	82.30	106.68	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10580	19.81	21.34	2-FDU	0	0.00	4.94	WH10118965
RC10590	33.53	35.05	2-FDU	0	0.00	6.16	WH10118966
RC10610			Blk	0	0.00	0.34	WH10118966
RC10620			Blk	0	0.00	0.30	WH10118966
RC10630			Blk	0	0.00	0.35	WH10118968
RC10600			SRM_OR-15h	0	1.03	0.07	WH10118966
RC10640			SRM_OR-15h	0	0.80	0.08	WH10118968
RC10570			SRM_OR-16b	0	2.09	0.08	WH10118965

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
17	70	52	0	0	0	7	0	0

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-008
Length (m)	106.68
Log Date	12/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-008
Length (m)	106.68
Log Date	12/11/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
18.29	RC10577	0.033	0.3	499				18.29	FEO	5	PER												
19.81	RC10578	0.0025	0.2	576				19.81	FEO	5	PER												19.81
21.34	RC10579	0.005	0.3	943				21.33	FEO	5	PER												21.33
22.86	RC10581	0.0025	0.2	561	Xp	Xq	22.86	FEO	5	PER	No Data	22.86											
24.38	RC10582	0.005	0.2	537			24.38	FEO	4	PAT	0.5	LITH	24.38										
25.91	RC10583	0.0025	0.1	162			25.91	FEO	4	PAT	No Data	25.91											
27.43	RC10584	0.006	0.2	202			27.43	FEO	4	PAT		27.43											
28.96	RC10585	0.0025	0.2	115			28.95	FEO	4	PAT	0.5	LITH	28.95										
30.48	RC10586	0.0025	0.2	137			30.48	FEO	4	PAT	No Data	30.48											
32.00	RC10587	0.006	0.2	293			32.00	FEO	4	PAT	0.5	LITH	32.00										
33.53	RC10588	0.0025	0.1	57			33.53		33.53	FEO	4	PAT	No Data	33.53									

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-008
Length (m) 106.68
Log Date 12/11/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
35.05	RC10589	0.0025	0.1	139	35.05	Xq	VNq	35.05	FEO	4	PAT	35.05	0.5	VN									
36.58	RC10591	0.0025	0.1	199				36.57	FEO	4	PAT	36.57											
38.10	RC10592	0.0025	0.2	134				38.10	FEO	4	PAT	38.10	0.5										
39.62	RC10593	0.0025	0.1	184				39.62	FEO	4	PAT	39.62	No Data										
41.15	RC10594	0.0025	0.1	76				41.15	FEO	4	PAT	41.15											
42.67	RC10595	0.0025	0.1	67				42.67	FEO	4	PAT	42.67	No Data										
44.20	RC10596	0.0025	0.1	42	44.20	Xq		44.19	CC	1		44.19											
45.72	RC10597	0.0025	0.1	166	45.72	Xq	Xp	45.72	CC	1		45.72											
47.24	RC10598	0.012	0.1	1305	48.77	Ip		47.24	CC	1		47.24											
48.77	RC10599	0.13	0.1	5290				48.77	CC	1		48.77	0.5	LITH									
50.29	RC10601	0.069	0.1	6460				50.29	CC	1		50.29			0.5								

Golden Predator
Program 2010
Logger Shane Carlos

Length (m)	106.68

Log Date 12/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-008
Length (m)	106.68
Log Date	12/11/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur			
68.58	RC10614	0.006	0.5	877		Xp		68.58	CC	2		68.58	0.5												
70.10	RC10615	0.05	0.1	519				70.10	CC	2		70.10	0.5												
71.63	RC10616	0.005	0.1	240				71.63	CC	2		71.62	0.5												
73.15	RC10617	0.005	0.1	195		Xp	Xq	73.15	CC	3		73.15	0.5												
74.68	RC10618	0.012	0.1	146				74.67	CC	2		74.67	0.5												
76.20	RC10619	0.048	0.2	580				76.20	CC	2		76.20	0.5												
77.72	RC10621	0.035	0.1	994				77.72	CC	3		77.72	0.5												
79.25	RC10622	0.115	0.1	138				79.24	CC	3		79.24	0.5												
80.77	RC10623	0.011	0.1	228				80.77	CC	3		80.77	0.5												
82.30	RC10624	0.008	0.1	978				82.29	CC	2		82.29	0.5												
83.82	RC10625	0.01							Xp		83.82	CC	3		83.82	0.5									

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-008
Length (m) 106.68
Log Date 12/11/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	
	RC10626	0.008			91.44			85.34	CC	3		85.34	0.5								
85.34								85.34				85.34									
	RC10627	0.007						86.86	CC	3		86.86	0.5								
86.87								86.86				86.86									
	RC10628	0.0025						88.39	CC	2		88.39	0.5								
88.39					91.44			88.39				88.39									
	RC10629	0.009						89.91	CC	3		89.91	0.5								
89.92								89.91				89.91									
	RC10631	0.007						91.44	CC	3		91.44	0.5								
91.44								91.44				91.44									
	RC10632	0.021			92.96	Xq		92.96	CC	3		92.96	0.5								
92.96					94.49	Xp	Xq	92.96				92.96									
	RC10633	0.067						94.48	FEO	4	PER	94.48	0.5								
94.49					100.58			94.48				94.48									
	RC10634	0.184						96.01	CC	3		96.01	0.5								
96.01								96.01				96.01									
	RC10635	0.008						97.53	CC	3		97.53	0.5								
97.54								97.53				97.53									
	RC10636	0.043			100.58			99.06	CC	3		99.06	0.5								
99.06								99.06				99.06									
	RC10637	0.015			100.58	Xp	Xq	100.58	CC	3		100.58	0.5								
100.58								100.58				100.58									

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-008
Length (m) 106.68
Log Date 12/11/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite					
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur		
102.11	RC10638	0.0025			106.68			102.10	CC	3		102.10	0.5			0.5						
103.63	RC10639	0.023						103.63	CC	2		103.63			0.5	LITH						
105.16	RC10641	0.006						105.15	CC	3		105.15	0.5									
106.68	RC10642	0.009						106.67	CC	3		106.67	0.5									

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-008
Length (m) 106.68
Log Date 12/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	21.34	Xp	0	Phyllite: little to no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and very fissile). Also, some (~10%) micaceous quartzite.
21.34	33.53	Xp	0	Phyllite: little to no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and very fissile). Also, some (~10%) micaceous quartzite.
33.53	35.05	Xq	0	About 50-50, quartzite to milky white quartz vein. The quartzite is fairly clean, but has some altered micas(biotie?, muscovite?) in it
35.05	42.67	Xp	0	Phyllite: little to no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and very fissile). Also, some (~30%) micaceous quartzite.
42.67	44.20	Xq	0	quartzite (not a micaceous quartz schist: not appropriate here especially because of being within a phyllite metamorphic zone and doesn't have a schistosity anyway)
44.20	45.72	Xq	0	~80% quartzite (not a micaceous quartz schist: not appropriate here especially because of being within a phyllite metamorphic zone and doesn't have a schistosity anyway). ~10% phyllite, little to no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and very fissile). ~10% ?? meta-intrusion?, (see next entry for description)
45.72	51.82	lp	0	Meta-Intrusive?: non-foliated, fine-medium (0.25mm-1.25mm) grained, abundant sericite altered feldspars, a few quartz grains, 10-15% well formed biotite 'books,' and occasional augite? [one good example found: ~2mm long, ~0.6mm wide, rectangular prism (and the edges seem rounded/poorly formed and might suggest a smaller crystal face on each corner/edge of the square-x-section/rectangle), vitreous on irregular fractures, least 6 hardness, black, opaque]. Generally, this unit does not look 'fresh' at all and therefore I speculate it is a much older unit, and perhaps experienced some metamorphism/metasomatism. Other lp units at Gold Dome are very quartz rich and have portions wich are unaltered; lith 1 min: f+b+x?+m+q
51.82	53.34	Xp	0	Phyllite and 40% quartzite with some granular calcite layers in the micaceous quartzite
53.34	56.39	Xp	0	Phyllite and 40% quartzite
56.39	57.91	Xp	0	bleached and pyritized phyllite, with quartz and some muscovites are just visible
57.91	67.06	Xq	0	a weakly foliated quartzite and some pieces looking more like a quartz phyllite (still ~80% quartz though) due to some minor sheet silicates present
67.06	71.63	Xp	0	Phyllite: little to no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and very fissile)

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-008
Length (m) 106.68
Log Date 12/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
71.63	73.15	Xp	0	~55% Phyllite: little to no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and very fissile), with about 45% quartzite
73.15	91.44	Xp	0	Phyllite: little to no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and very fissile)
92.96	94.49	Xp	0	~50-50 phyllite to quartzite
94.49	106.68	Xp	0	~70% Phyllite: little to no visible mineral differentiation, just an even, very fine grained texture and a bland/continuous colour, with shiny/sheen surfaces and very soft and very fissile). ~30% quartzite. End of Hole.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments

MINERALISATION

mFrom	mTo	Min1	Relog	Comments

VEINS

mFrom	mTo	Vein1	Relog	Comments
18.29	19.81	QZ	0	no visible mineralization (ie. no sulphides, sulphosalts, native elements)
27.43	28.96	QZ	0	no visible mineralization (ie. no sulphides, sulphosalts, native elements)
33.53	35.05	QPY	0	minor pyrite
38.10	39.62	QZ	0	no visible mineralization (ie. no sulphides, sulphosalts, native elements)
42.67	44.20	QPO	0	trace pyrrhotite in a granular quartz
45.72	47.24	QZ	0	no visible mineralization (ie. no sulphides, sulphosalts, native elements)
56.39	57.91	QPY	0	pyrite in a few 'chips'

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Toby

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-009

Length (m) 106.68

Size 4.75

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 13/08/2010

Date Finished 14/08/2010

Other Hole name AUD-034-Toby

Cassing Pulled Yes

Cassing (m) 4.57

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Log Date 13/11/2010

Target

Hole Comments survey tools: GPS and compass; surveyed and sampled by Jeff Cary, logged by Shane Carlos; centerflow hammer 4 3/4"; casing 6 5/8";

Collar survey Date

Survey By Jeff Cary

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,532.00	7,069,454.00	1,511.00	0.00	-90.00
Preferred	UTM83-8	437,532.00	7,069,454.00	1,511.00	0.00	
Local	LOCL_AuDom	2,817.11	6,305.98	1,518.00	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10118964	13/09/2010	74.68	106.68	0
ALS	QC-OK	WH10118968	09/09/2010	0.00	24.38	0
ALS	QC-OK	WH10118969	08/09/2010	24.38	74.68	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10660	22.86	24.38	2-FDU	0	0.02	5.71	WH10118968
RC10670	36.58	38.10	2-FDU	0	0.01	5.85	WH10118969
RC10690			Blk	0		-999.00	
RC10700			Blk	0	0.00	0.32	WH10118964
RC10710			Blk	0	0.00	0.35	WH10118964
RC10680			SRM_OR-15h	0	1.01	0.08	WH10118969
RC10720			SRM_OR-15h	0	0.85	0.09	WH10118964
RC10650			SRM_OR-16b	0	2.16	0.08	WH10118968

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
14	70	52	0	0	0	4	0	0

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-009
Length (m)	106.68
Log Date	13/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
1.52	RC10643	0.0025			13.72	Xp	Xq	1.52	FEO	5	PER	1.52	No Data									
3.05	RC10644	0.007						3.05	FEO	5	PER	3.05										
4.57	RC10645	0.011						4.57	FEO	5	PER	4.57										
6.10	RC10646	0.055						6.10	FEO	5	PER	6.10										
7.62	RC10647	0.021						7.62	FEO	5	PER	7.62										
9.14	RC10648	0.032						9.14	FEO	5	PER	9.14										
10.67	RC10649	0.026						10.67	FEO	5	PER	10.67										
12.19	RC10651	0.017						12.19	FEO	5	PER	12.19										
13.72	RC10652	0.019						13.72	FEO	5	PER	13.72										
15.24	RC10653	0.091			Xq			15.24	FEO	5	PER	15.24										
16.76	RC10654	0.06						16.76	FEO	5	PER	16.76										

Golden Predator
Program 2010
Logger Shane Carlos

Length (m)	106.68

Log Date 13/11/2010

Assays					Litho			Alteration			Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
18.29	RC10655	0.112			18.29			18.29	FEO	5	PER	No Data											
19.81	RC10656	0.037			Xp	Xq	19.81	FEO	5	PER													
21.34	RC10657	0.034					21.33	FEO	5	PER													
22.86	RC10658	0.015					22.86	FEO	5	PER													
24.38	RC10659	0.015					24.38	FEO	5	PER					24.38								
25.91	RC10661	0.087			Ip		25.91	FEO	5	PER			LITH		1.5		LITH						
27.43	RC10662	0.036					27.43	FEO	5	PER					LITH		1.5		LITH				
28.96	RC10663	0.064					28.95	FEO	5	PER		0.5		LITH									
30.48	RC10664	0.072					30.48	FEO	3	PER				0.5		LITH							
32.00	RC10665	0.022					32.00	FEO	3	PER				No Data									
33.53	RC10666	0.019					33.53	FEO	3	PER					33.53								

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-009
Length (m) 106.68
Log Date 13/11/2010

Assays					Litho			Alteration				Mineralization												
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite			
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur		
	RC10667	0.033			41.15	Xp	Xq		FEO	3	PER		0.5	LITH										
35.05															35.05									
	RC10668	0.029										FEO	3	PER		0.5	LITH							
36.58															36.57									
	RC10669	0.011										FEO	3	PER	No Data									
38.10																								
	RC10671	0.057							FEO	3	PER													
39.62																								
	RC10672	0.027			45.72	Xp	Xq		FEO	3	PER													
41.15																								
	RC10673	0.019										FEO	3	PER										
42.67															42.67									
	RC10674	0.011										FEO	1	PAT										
44.20															44.19									
	RC10675	0.097			50.29				FEO	1	PAT		0.5	LITH										
45.72															45.72									
	RC10676	0.014										CC	3				LITH							
47.24															47.24									
	RC10677	0.008										CC	3				LITH							
48.77															48.77									
	RC10678	0.012							CC	3				LITH										
50.29															50.29									

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-009
Length (m) 106.68
Log Date 13/11/2010

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur		
51.82	RC10679	0.012			64.01	Xp	Xq	51.81	CC	3		51.81	0.5	LITH		LITH								
53.34	RC10681	0.006						53.34	CC	3		53.34	0.5	LITH		LITH								
54.86	RC10682	0.005						54.86	CC	3		54.86												
56.39	RC10683	0.006						56.39	CC	3		56.39		LITH										
57.91	RC10684	0.008						57.91	CC	3		57.91		LITH	0.5	LITH								
59.44	RC10685	0.011						59.43	CC	3		59.43		LITH										
60.96	RC10686	0.011						60.96	CC	3		60.96				LITH								
62.48	RC10687	0.106						62.48	CC	3		62.48												
64.01	RC10688	0.161			64.00	CC	3		64.00															
65.53	RC10689	0.018			65.53	Xp		65.53	FEO	1	PAT	65.53	0.5	LITH		LITH								
67.06	RC10691	0.065						67.05	FEO	1	PAT	67.05	0.5	LITH		LITH								

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-009
Length (m) 106.68
Log Date 13/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
85.34	RC10704	0.082	0.3	836	85.34	Xq		85.34	FEO	1	PAT	85.34					LITH					
86.87	RC10705	0.042	0.2	301				86.86	FEO	1	PAT	86.86	0.5	LITH			LITH					
88.39	RC10706	0.077	0.3	847				88.39	FEO	1	PAT	88.39	0.5	LITH			LITH					
89.92	RC10707	0.0025	0.1	55				89.91	FEO	1	PAT	89.91					LITH					
91.44	RC10708	0.005	0.2	75				91.44	FEO	1	PAT	91.44										
92.96	RC10709	0.0025	0.1	53				92.96	FEO	1	PAT	92.96					LITH					
94.49	RC10711	0.012	0.1	67				94.48	FEO	1	PAT	94.48					LITH					
96.01	RC10712	0.007	0.3	155		Xp		96.01	FEO	1	PAT	96.01										
97.54	RC10713	0.005	0.1	73				97.54	FEO	1	PAT	97.53					LITH					
99.06	RC10714	0.005	0.1	183	99.06	Xq	Xp	99.06	FEO	1	PAT	99.06					LITH					
100.58	RC10715	0.022	0.2	362				100.58	FEO	1	PAT	100.58	0.5	LITH			LITH					

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-009
Length (m) 106.68
Log Date 13/11/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur			
	RC10716	0.054	0.2	309	Xq			102.11	FEO	1	PAT	102.10		LITH							
102.11																					
	RC10717	0.011	0.3	473				103.63	FEO	1	PAT	103.63			LITH						
103.63																					
	RC10718	0.01	0.1	160	Xq			105.16	FEO	1	PAT	105.15		LITH							
105.16																					
	RC10719	0.006	0.2	68	Xq			106.68	FEO	1	PAT	106.67	0.5	LITH		LITH					
106.68																					

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-009
Length (m) 106.68
Log Date 13/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	13.72	Xp	0	~50% Phyllite: grain size is very fine and minerals mostly not distinguishable by the naked eye, however in numerous places the phyllite becomes courser grained and muscovite and chlorite becomes visible under microscope, however the rock is still just a continuous dark grey, with a very shiny/(sheen) surface (with naked eye), typical of phyllite, minor crenulations ('crinkled') are visible on surfaces. The phyllite is also fairly dense, and is only fissile with some effort, contrasted to GDRC-10-007,008 where the phyllites are "very soft and very fissile." ~50% micaceous quartzite, with a very weak foliation, just the individual separated bioties and muscovites are alligned, but not in well formed layers.
13.72	18.29	Xq	0	micaceous quartzite, with a weak foliation, ~85% quartz; lith 1 min: q+m
18.29	24.38	Xp	0	~70% Phyllite: grain size is very fine and minerals mostly not distinguishable by the naked eye, however in numerous places the phyllite becomes courser grained and muscovite and chlorite become visible under microscope, however the rock is still just a continuous dark grey, with a very shiny/(sheen) surface (with naked eye), typical of phyllite, minor crenulations ('crinkled') are visible on surfaces. The phyllite is also fairly dense, and is only fissile with some effort, contrasted to GDRC-10-007,008 where the phyllites are "very soft and very fissile." ~30% micaceous quartzite, fine granular, with a very weak foliation, just the individual separated biotites and muscovites are alligned, but not in well formed layers.
24.38	27.43	Ip	0	Highly altered, non-foliated Meta?-Intrusive? Description: dense, with interlocking crystals, some soft-tan-altered crystals are porphyritic and feldspars are altered to a fine muscovite, all possible mafics are altered and iron stained, fairly equigranular, dark grey, quartz is very rare. Generally, the texture matches that of the Ip unit in GDRC-10-008 and is very likely the same unit. It was probably an originally intruded dyke as the unit does not look 'fresh' as does the other Ip units at Gold Dome which are a lighter gy/wh shade with abundant white quartz.
27.43	41.15	Xp	0	~70% Phyllite: grain size is very fine and minerals mostly not distinguishable by the naked eye, however in numerous places the phyllite becomes courser grained and muscovite and chlorite become visible under microscope, however the rock is still just a continuous dark grey, with a very shiny/(sheen) surface (with naked eye), typical of phyllite, minor crenulations ('crinkled') are visible on surfaces. The phyllite is also fairly dense, and is only fissile with some effort, contrasted to GDRC-10-007,008 where the phyllites are "very soft and very fissile." ~30% micaceous quartzite, fine semi-granular, with a very weak foliation, just the individual separated bioties and muscovites are alligned, but no in well formed layers.

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-009
Length (m) 106.68
Log Date 13/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
41.15	45.72	Xp	0	~50% Phyllite: grain size is very fine and minerals mostly not distinguishable by the naked eye, however in numerous places the phyllite becomes courser grained and muscovite and chlorite become visible under microscope, however the rock is still just a continuous dark grey, with a very shiny/(sheen) surface (with naked eye), typical of phyllite, minor crenulations ('crinkled') are visible on surfaces. The phyllite is also fairly dense, and is only fissile with some effort, contrasted to GDRC-10-007,008 where the phyllites are "very soft and very fissile." ~50% micaceous quartzite, fine semi-granular, with a very weak foliation, just the individual separated bioties and muscovites are alligned, but no in well formed layers.
45.72	64.01	Xp	0	~75% Phyllite: grain size is very fine and minerals mostly not distinguishable by the naked eye, however in numerous places the phyllite becomes courser grained and muscovite and chlorite become visible under microscope, however the rock is still just a continuous dark grey, with a very shiny/(sheen) surface (with naked eye), typical of phyllite, minor crenulations ('crinkled') are visible on surfaces. The phyllite is also fairly dense, and is only fissile with some effort, contrasted to GDRC-10-007,008 where the phyllites are "very soft and very fissile." ~25% micaceous quartzite, fine semi-granular, with a very weak foliation, just the individual separated biotites and muscovites are alligned, but not in well formed layers.
64.01	65.53	Xp	0	Phyllite, altered with silicification and pyritization
65.53	83.82	Xp	0	~65% Phyllite: grain size is very fine and minerals mostly not distinguishable by the naked eye, however in numerous places the phyllite becomes courser grained and muscovite and chlorite become visible under microscope, however the rock is still just a continuous dark grey, with a very shiny/(sheen) surface (with naked eye), typical of phyllite, minor crenulations ('crinkled') are visible on surfaces. The phyllite is also fairly dense, and is only fissile with some effort, contrasted to GDRC-10-007,008 where the phyllites are "very soft and very fissile." , Also, this interval of phyllite may be weakly silicified or more quartz rich in general. ~35% micaceous quartzite, fine-semi-granular, with a very weak foliation, just the individual separated biotites and muscovites are alligned, but not in well formed layers.
83.82	85.34	Xq	0	micaceous quartzite/(quartz-muscovite-biotite+-chlorite schist). Mineral grains are seen under microscope. Quartz is ~85% at the least.

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-009
Length (m) 106.68
Log Date 13/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
85.34	92.96	Xq	0	~40% Phyllite: grain size is very fine and minerals mostly not distinguishable by the naked eye, however in numerous places the phyllite becomes courser grained and muscovite and chlorite become visible under microscope, however the rock is still just a continuous dark grey, with a very shiny/(sheen) surface (with naked eye), typical of phyllite, minor crenulations ('crinkled') are visible on surfaces. The phyllite is also fairly dense, and is only fissile with some effort, contrasted to GDRC-10-007,008 where the phyllites are "very soft and very fissile." ~60% micaceous quartzite, fine semi-granular, with a very weak foliation, just the individual separated bioties and muscovites are alligned, but no in well formed layers.
92.96	97.54	Xp	0	Phyllite: grain size is very fine and minerals are not distinguishable by the naked eye, the rock instead is just a continous dark grey, with a very shiny/(sheen) surface, typical of phyllite, minor crenulations ('crinkled') are visible on surfaces. The phyllite is also fairly dense, and is only fissile with some effort, contrasted to GDRC-10-007,008 where the phyllites are "very soft and very fissile."
97.54	99.06	Xq	0	a weakly foliated quartzite/quartz schist, with biotite, muscovite, minor chlorite partly defining the weak foliation. The foliation is not in well-developed layers but the individual grains are alligned in the same direction for the most part. Also, ~30% phyllite, which is more dense than seen in GDRC-10-008,007 , which suggests maybe a higher grade of metamophism or some weak silicification.
99.06	106.68	Xq	0	a weakly foliated, fine-granular quartzite/quartz schist, with biotite, muscovite, minor chlorite partly defining the weak foliation. The foliation is not in well-developed layers but the individual grains are alligned in the same direction for the most part. End of Hole.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
24.38	25.91	FEO	0	presumed sericite alteration because of arsenopyritized, altered (ie. soft), but masked by FeO staining
25.91	27.43	FEO	0	presumed sericite alteration because of arsenopyritized, altered (ie. soft), but masked by FeO staining
64.00	65.53	FEO	0	Pyritized and bleached by silica and sericite overprints the rock.

MINERALISATION

mFrom	mTo	Min1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-009
Length (m) 106.68
Log Date 13/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
24.38	25.91	PO	0	Arsenopyrite occurs in a quartzite that is highly altered, but FeO staining masks the primary sericite
25.91	27.43	AS	0	Arsenopyrite occurs in a quartzite that is highly altered, but FeO staining masks the primary sericite

VEINS

mFrom	mTo	Vein1	Relog	Comments
3.05	4.57	QPY	0	trace pyrite in a milky white quartz
13.72	15.24	QZ	0	milky white quartz with no visible mineralization
38.10	39.62	QCLP	0	trace chlorite and pyrrhotite, fine equigranular quartz, meta vein
42.67	44.20	QCLP	0	trace chlorite and pyrrhotite, fine equigranular quartz, meta vein

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Toby

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-010

Length (m) 106.68

Size 5.125

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 14/08/2010

Date Finished 15/08/2010

Other Hole name AUD-034-Toby

Cassing Pulled Yes

Cassing (m) 4.57

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Target

Log Date 13/11/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Jeff Cary, logged by Shane Carlos; conventional hammer 5 1/8";

Collar survey Date

Survey By Jeff Cary

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,626.00	7,069,532.00	1,512.00	0.00	-90.00
Preferred	UTM83-8	437,626.00	7,069,532.00	1,512.00	0.00	
Local	LOCL_AuDom	2,940.15	6,297.49	1,512.00	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10118963	06/09/2010	16.76	67.06	0
ALS	QC-OK	WH10118964	13/09/2010	0.00	16.76	0
ALS	QC-OK	WH10118967	13/09/2010	67.06	106.68	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10730	12.19	13.72	2-FDU	0	0.16	5.89	WH10118964
RC10740	25.91	27.43	2-FDU	0	0.00	5.99	WH10118963
RC10770	67.06	68.58	2-FDU	0	0.15	5.93	WH10118967
RC10760			Blk	0	0.00	0.35	WH10118963
RC10790			Blk	0	0.00	0.34	WH10118967
RC10780			SRM_OR-15h	0	0.94	0.07	WH10118967
RC10750			SRM_OR-16b	0	2.08	0.09	WH10118963

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
10	57	39	0	0	0	3	0	0

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-010
Length (m)	106.68
Log Date	13/11/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
1.52	RC10721	0.034	0.2	462				1.52	FEO	5	PER												
3.05	RC10722	0.04	0.2	617				3.05	FEO	5	PER												
4.57	RC10723	0.109	0.6	1080				4.57	FEO	5	PER												
6.10	RC10724	0.055	0.1	739				6.10	FEO	5	PER												
7.62	RC10725	0.097	0.2	530				7.62	FEO	5	PER												
9.14	RC10726	0.193	0.1	3190				9.14	FEO	5	PER												
10.67	RC10727	0.068	0.1	1320				10.67	FEO	5	PER												
12.19	RC10728	0.129	0.5	1660				12.19	FEO	5	PER												
13.72	RC10729	0.101	0.1	1260				Xqp	Xq	13.72	FEO											5	PER
15.24	RC10731	0.019	0.1	553				15.24	FEO	5	PER												
16.76	RC10732	0.071	0.1	1180				16.76	FEO	5	PER												

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-010
Length (m)	106.68
Log Date	13/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-010
Length (m)	106.68
Log Date	13/11/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
35.05	RC10745	0.006			48.77	Xqp	Xq	35.05	FEO	4	PER	48.77	0.5		0.5							
36.58	RC10746	0.009						36.57	FEO	4	PER											
38.10	RC10747	0.005						38.10	FEO	4	PER											
39.62	RC10748	0.0025						39.62	FEO	4	PER											
41.15	RC10749	0.0025						41.15	FEO	4	PER											
42.67	RC10751	0.013						42.67	FEO	4	PAT											
44.20	RC10752	0.014						44.19	FEO	4	PER											
45.72	RC10753	0.317						45.72	CC	3												
47.24	RC10754	0.028						47.24	CC	3												
48.77	RC10755	0.028			48.77	CC	2		0.5		0.5											
50.29	RC10756	0.007						50.29	CC	3		50.29	0.5									

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-010
Length (m)	106.68
Log Date	13/11/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
51.82	RC10757	0.0025			62.48	Ip		51.81	CC	1		51.81			0.5								
53.34	RC10758	0.0025						53.34	CC	2		53.34											
54.86	RC10759	0.0025						54.86	CC	3		54.86											
56.39	RC10761	0.0025						56.39	CC	2		56.39											
57.91	RC10762	0.005						57.91	CC	2		57.91			0.5								
59.44	RC10763	0.0025						59.43	CC	2		59.43			No Data								
60.96	RC10764	0.0025						60.96	CC	2		60.96											
62.48	RC10765	0.0025						62.48	FEO	3	PAT	62.48			No Data								
64.01	RC10766	0.017			64.01	Ip		64.00	FEO	3	PAT	64.00	3.5	LITH	0.5	LITH							
65.53	RC10767	0.011			65.53	Xqp	Xq	65.53	FEO	3	PAT	65.53											
67.06	RC10768	0.686						67.05	CC	2		67.05											

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-010
Length (m) 106.68
Log Date 13/11/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur			
	RC10769	0.047	0.1	10000					CC	2			0.5								
68.58								68.58				68.58									
	RC10771	0.01	0.1	308					CC	2											
70.10								70.10				70.10									
	RC10772	0.006	0.1	391					CC	2					0.5	0.5	LITH				
71.63								71.62				71.62									
	RC10773	0.009	0.1	300					CC	1					0.5	0.5	LITH				
73.15								73.15				73.15									
	RC10774	0.0025	0.1	169					CC	2											
74.68								74.67				74.67									
	RC10775	0.022	0.1	218					CC	2											
76.20								76.20				76.20									
	RC10776	0.262	0.4	3000		CC	2														
77.72					77.72				77.72												
	RC10777	0.0025	0.1	193		CC	2						0.5	LITH							
79.25					79.24				79.24												
	RC10778	0.013	0.1	255		CC	3						0.5								
80.77					80.77				80.77												
	RC10779	0.02	0.1	405		CC	3						0.5								
82.30					82.29				82.29												
	RC10781	0.0025	0.1	388									No Data								
83.82												83.82									

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-010
Length (m) 106.68
Log Date 13/11/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
85.34	RC10782	0.012	0.1	3260	Xqp	Xq		No Data				85.34	0.5										
86.87	RC10783	0.0025	0.1	511				86.86					86.86	0.5									
88.39	RC10784	0.039	0.1	2920				88.39	WM	4	PAT	88.39											
89.92	RC10785	0.0025	0.1	272				89.91					89.91			0.5	LITH						
91.44	RC10786	0.064	0.1	1795				91.44					91.44	0.5		0.5	LITH						
92.96	RC10787	0.051	0.1	789				92.96					92.96	0.5									
94.49	RC10788	0.012	0.1	511				94.48					94.48	0.5		0.5							
96.01	RC10789	0.013	0.1	540				96.01					96.01	0.5									
97.54	RC10791	0.022	0.1	908				97.53					97.53	0.5									
99.06	RC10792	0.03	0.1	936				99.06					99.06	0.5									
100.58	RC10793	0.015	0.1	427	100.58			FEO	5	PER	100.58	0.5	VN										

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-010
Length (m)	106.68
Log Date	13/11/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
102.11	RC10794	0.007	0.1	90	103.63							102.10	0.5						
103.63	RC10795	0.006	0.1	76							No Data				103.63	0.5	0.5	LITH	
105.16	RC10796	0.075	0.1	2160	105.16	Xq		105.15	WM	4	PAT	105.15		0.5	LITH				
106.68	RC10797	0.117	0.2	3730	106.68	Xqp	Xq					106.67		0.5	LITH				

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-010
Length (m) 106.68
Log Date 13/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	25.91	Xqp	0	~50% muscovite+-chlorite schist, with ~30% quartz, and ~50% quartz-muscovite schist/micaceous quartzite (~85% quartz). The muscovite+-chlortie schist has occassionally fine, shiny/sheen surfaces, (such as with phyllite), but muscovite is getting coarser in places. The schist is basically boarderline from phyllite to schist.
25.91	27.43	Xqp	0	~30% muscovite+-chlorite schist, (with ~30% quartz), and ~30% quartz-muscovite schist/micaceous quartzite (~85% quartz). The muscovite+-chlortie schist has occassionally fine, shiny/sheen surfaces, (such as with phyllite), but muscovite is getting coarser in places. The schist is basically boarderline from phyllite to schist. ~35% Intermediate Intrusive?: with abundant quartz, and abundant feldspars altered to fine muscovite, ~6-10% biotite, and some altered but relict forms of (2D shape) rectangle capped with a triangle on top and bottom.
27.43	32.00	lp	0	Intermediate Intrusive?: with abundant quartz, and abundant feldspars altered to fine muscovite, ~6-10% biotite, and some porphyritic altered but relict forms of (2D shape) rectangle capped with a triangle on top and bottom. Except for the occassional porphyritic crystal, the intrusive is fine-grained (~<0.25mm) equigranular and interlocking crystals
32.00	48.77	Xqp	0	~50% muscovite+-chlorite schist, with ~30% quartz, and ~50% quartz-muscovite schist/micaceous quartzite (~85% quartz). The muscovite+-chlortie schist has occassionally fine, shiny/sheen surfaces, (such as with phyllite), but muscovite is getting coarser in places. The schist is basically boarderline from phyllite to schist.
48.77	62.48	lp	0	Intermediate Intrusive?: abundant feldspars altered to fine muscovite, ~6-10% biotite, and some porphyritic altered but relict forms of (2D shape) rectangle capped with a triangle on top and bottom. Except for the occassional porphyritic crystal, the intrusive is fine-grained (~<0.25mm) equigranular. In some 'chips' the quartz content appears to be very low and the altered rock is easily scratched/dug out. The intrusive itself may have been metamorphosed and produced the muscovite?
62.48	64.01	lp	0	Intermediate Intrusive?: abundant feldspars altered to fine muscovite, ~6-10% biotite, and some porphyritic altered but relict forms of (2D shape) rectangle capped with a triangle on top and bottom. Except for the occassional porphyritic crystal, the intrusive is fine-grained (~<0.25mm) equigranular. In some 'chips' the quartz content appears to be very low and the altered rock is easily scratched/dug out. The intrusive itself may have been metamorphosed and produced the muscovite? This portion of the intrusive is very bleached and altered, to a light tan colour.
64.01	65.53	Xqp	0	~50% muscovite+-chlorite schist, with ~30% quartz, and ~50% quartz-muscovite schist/micaceous quartzite (~85% quartz). The muscovite+-chlorite schist has occassionally fine, shiny/sheen surfaces, (such as with phyllite), but muscovite is getting coarser in places. The schist is basically boarderline from phyllite to schist.

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-010
Length (m) 106.68
Log Date 13/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
65.53	103.63	Xqp	0	~50% muscovite+-chlorite schist, with ~30% quartz, and ~50% quartz-muscovite schist/micaceous quartzite (~85% quartz). The muscovite+-chlortie schist has occassionally fine, shiny/sheen surfaces, (such as with phyllite), but muscovite is getting coarser in places. The schist is basically boarderline from phyllite to schist.
103.63	105.16	Xq	0	quartz-muscovite schist/micaceous quartzite (~85% quartz), occasional muscovite/sericite layer but otherwise a very 'clean quartzite
105.16	106.68	Xqp	0	~50% muscovite+-chlorite schist, with ~30% quartz, and ~50% quartz-muscovite schist/micaceous quartzite (~85% quartz). The muscovite+-chlortie schist has occassionally fine, shiny/sheen surfaces, (such as with phyllite), but muscovite is getting coarser in places. The schist is basically boarderline from phyllite to schist. End of Hole.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
62.48	64.00	FEO	0	probably sericite, colour is light tan, or 'bleached' version of the lp, (intrusion)
86.86	88.39	WM	0	light yan-yellow colouration to the micas
99.06	100.58	FEO	0	strong iron staining on and internal to a calcite vein
103.63	105.15	WM	0	light yellowish-green sericite with arsenopyrite

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
41.15	42.67	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
44.19	45.72	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
45.72	47.24	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
47.24	48.77	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
48.77	50.29	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
50.29	51.81	po	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-010
Length (m) 106.68
Log Date 13/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
51.81	53.34	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
53.34	54.86	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
54.86	56.39	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
56.39	57.91	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
59.43	60.96	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
62.48	64.00	AS	0	arsenopyrite occurs in a the light tan altered intrusive, also very fine grained granular pyrite occurs as thin layers in the alterd intrusive
64.00	65.53	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
65.53	67.05	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
67.05	68.58	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
68.58	70.10	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
70.10	71.62	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
71.62	73.15	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
73.15	74.67	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
74.67	76.20	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
76.20	77.72	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
77.72	79.24	PO	0	trace arsenopyrite in a sericitically altered quartzite
79.24	80.77	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-010
Length (m) 106.68
Log Date 13/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
80.77	82.29	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
83.82	85.34	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
85.34	86.86	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
86.86	88.39	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
88.39	89.91	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
89.91	91.44	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
91.44	92.96	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
92.96	94.48	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
94.48	96.01	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
96.01	97.53	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
97.53	99.06	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
99.06	100.58	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
100.58	102.10	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
102.10	103.63	PO	0	trace arsenopyrite in a sericitically altered quartzite
103.63	105.15	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists
105.15	106.67	PO	0	finely disseminated pyrrhotite occurs in the fine-grained schists and in the quartzites/quartz-muscovite schists

VEINS

Project Gold Dome (Sheelite) - Yukon
Area Toby

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-010
Length (m) 106.68
Log Date 13/11/2010

LITHO				
mFrom	mTo	Lith1	Relog	Comments
mFrom	mTo	Vein1	Relog	Comments
53.34	54.86	QZ	0	no visible mineralization, milky white quartz
68.58	70.10	QZ	0	no visible mineralization
99.06	100.58	CBS	0	calcite with trace pyrite grains

STRUCTURES				
mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Swede

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-011

Length (m) 91.44

Size 4.75

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 15/08/2010

Date Finished 16/11/2010

Other Hole name Swede_SRC_46

Cassing Pulled Yes

Cassing (m) 4.57

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Log Date 10/11/2010

Target

Hole Comments survey tools: GPS and compass; surveyed and sampled by Jeff Cary, logged by Shane Carlos; conventional hammer 4 3/4";

Collar survey Date

Survey By Jeff Cary

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	438,176.25	7,072,365.00	1,485.30	0.00	-90.00
Preferred	UTM83-8	438,176.25	7,072,365.00	1,485.30	0.00	
Local	LOCL_AuDom	5,332.47	7,911.64	1,485.30	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10118967	13/09/2010	0.00	9.14	0
ALS	QC-OK	WH10119068	12/09/2010	9.14	57.91	0
ALS	QC-OK	WH10119069	09/09/2010	57.91	91.44	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10830	42.67	44.20	2-FDU	0	0.14	6.37	WH10119068
RC10860	83.82	85.34	2-FDU	0	0.01	7.87	WH10119069
RC10810			Blk	0	0.00	0.28	WH10119068
RC10840			Blk	0	0.01	0.32	WH10119068
RC10800			SRM_OR-15h	0	0.99	0.08	WH10118967
RC10820			SRM_OR-15h	0	1.03	0.09	WH10119068
RC10850			SRM_OR-16b	0	2.17	0.07	WH10119069

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
60	45	27	0	0	0	8	0	0

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-011
Length (m) 91.44
Log Date 10/11/2010

Assays				Litho		Alteration			Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
1.52	RC10798	0.03	0.1	322	1.52	Xq	Xqp	1.52	CC	1		No Data										
3.05	RC10799	0.062	0.1	818	3.05	Xq	Xqp	3.05	CC	1												
4.57	RC10801	0.018	0.1	231	4.57	Xq	Xqp	4.57	CC	1												
6.10	RC10802	0.053	0.1	548	6.10	Xq	Xqp	6.10	CC	1												
7.62	RC10803	0.034	0.1	319	7.62	Xqp		7.62	CC	1												
9.14	RC10804	0.068	0.4	409	9.14	Xqp		9.14	CC	1												
10.67	RC10805	0.187	0.9	1200	10.67	Xqp		10.67	No Data													
12.19	RC10806	0.149	0.3	210	12.19	Xq	Xq	12.19	CC	1												
13.72	RC10807	0.622	0.3	686	13.72	Xq	Xq	13.72	CC	1												
15.24	RC10808	0.063	0.2	552	15.24	Xq		15.24	CC	1		15.24										
16.76	RC10809	0.131	0.2	630	16.76	Xq	Xqp	No Data				16.76										

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-011
Length (m)	91.44
Log Date	10/11/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
51.82	RC10835	0.185	0.1	536	51.81	Xqp		51.81	CC	2		51.81							
53.34	RC10836	0.008	0.1	36	53.34	Xqp		53.34	No Data			53.34	No Data						
54.86	RC10837	0.156	0.2	2410	54.86	Xqp		54.86	CC	1		54.86		0.5	VN				
56.39	RC10838	0.035	0.1	753	56.39	Xqp		56.39	CC	2		56.39		0.5	VN				
57.91	RC10839	0.953	0.1	1460	57.91	Xqp		57.91	CC	1		57.91							
59.44	RC10841	0.064			59.43	Xqp		59.43	CC	2		59.43							
60.96	RC10842	0.208			60.96	Xqp		60.96	CC	1		60.96							
62.48	RC10843	0.297			62.48	Xqp		62.48	CC	1		No Data							
64.01	RC10844	0.021			64.00	Xqp		64.00	CC	1									
65.53	RC10845	0.027			65.53	Xqp		65.53	No Data										
67.06	RC10846	0.039			67.05	Xqp		67.05	CC	2			67.05						

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-011
Length (m)	91.44
Log Date	10/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-011
Length (m)	91.44
Log Date	10/11/2010

Assays					Litho			Alteration			Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur	
85.34	RC10859	0.031			85.34	Xqp	Xq	85.34	CC	2		85.34	0.5	LITH				
86.87	RC10861	0.031			86.86	Xqp	Xq	86.86	CC	1		No Data						
88.39	RC10862	0.631			88.39	Xqp		88.39	CC	2			88.39					
89.92	RC10863	0.153			89.91	Xqp		89.91	CC	2		89.91		0.5	LITH			
91.44	RC10864	0.24			91.44	Xqp		91.44	CC	2								

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
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Hole name GDRC10-011
Length (m) 91.44
Log Date 10/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	1.52	Xq	0	micaceous quartzite. And muscovite+-biotite+-chlorite schist, pieces of unoxidized schist are very fine grained and border to a phyllite. (Please remember that minerals are listed in order of most abundant to least abundant).
1.52	3.05	Xq	0	micaceous quartzite, and muscovite+-biotite+-chlorite schist, pieces of unoxidized schist are very fine grained and border to a phyllite
3.05	4.57	Xq	0	muscovite+-biotite+-chlorite schist, and the more abundant micaceous quartzite/quartz-muscovite schist
4.57	6.10	Xq	0	muscovite+-biotite+-chlorite schist, and the more abundant micaceous quartzite/quartz-muscovite schist
6.10	7.62	Xqp	0	muscovite+-biotite+-chlorite schist,
7.62	9.14	Xqp	0	muscovite+-biotite+-chlorite schist,
9.14	10.67	Xqp	0	muscovite+-biotite+-chlorite schist,
10.67	12.19	Xq	0	muscovite+-biotite+-chlorite schist, and the more abundant micaceous quartzite/quartz-muscovite schist
12.19	13.72	Xq	0	muscovite+-biotite+-chlorite schist, and the more abundant micaceous quartzite/quartz-muscovite schist
13.72	15.24	Xq	0	muscovite+-biotite+-chlorite schist,
15.24	16.76	Xq	0	muscovite+-biotite+-chlorite schist, and the more abundant micaceous quartzite/quartz-muscovite schist
16.76	18.29	Xqp	0	muscovite+-biotite+-chlorite schist, and lesser micaceous quartzite (~70-80% quartz with muscovite+biotite+chlorite)
18.29	19.81	Xqp	0	muscovite+-biotite+-chlorite schist, and lesser micaceous quartzite (~70-80% quartz with muscovite+biotite+chlorite)
19.81	21.33	Xqp	0	muscovite+-biotite+-chlorite schist,
21.33	22.86	Xqp	0	muscovite+-biotite+-chlorite schist, and lesser micaceous quartzite (~70-80% quartz with muscovite+biotite+chlorite)
22.86	24.38	Xqp	0	muscovite+-biotite+-chlorite schist, and lesser micaceous quartzite (~70-80% quartz with muscovite+biotite+chlorite)
24.38	25.91	Xqp	0	muscovite+-biotite+-chlorite schist, and lesser micaceous quartzite (~70-80% quartz with muscovite+biotite+chlorite)
25.91	27.43	Xqp	0	muscovite+-biotite+-chlorite schist,
27.43	28.95	Xqp	0	muscovite+-biotite+-chlorite schist,
28.95	30.48	Xqp	0	muscovite+-biotite+-chlorite schist,
30.48	32.00	Xqp	0	muscovite+-biotite+-chlorite schist,

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
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Hole name GDRC10-011
Length (m) 91.44
Log Date 10/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
32.00	33.53	Xqp	0	very fine grained, shiny/sheen surfaces with some fine porphyroblastic tourmalines, phyllite/musc-chlor schist
33.53	35.05	Xqp	0	very fine grained, shiny/sheen surfaces with some fine porphyroblastic tourmalines, phyllite/musc-chlor schist
35.05	36.57	Xqp	0	very fine grained, shiny/sheen surfaces with some fine porphyroblastic tourmalines, phyllite/musc-chlor schist
36.57	38.10	Xqp	0	very fine grained, shiny/sheen surfaces with some fine porphyroblastic tourmalines, phyllite/musc-chlor schist
38.10	39.62	Xqp	0	muscovite+-biotite+-chlorite schist, (ie. Muscovite most abundant)
39.62	41.15	Xqp	0	muscovite+-biotite+-chlorite schist, (ie. Muscovite most abundant)
41.15	42.67	Xqp	0	muscovite+-biotite+-chlorite schist, (ie. Muscovite most abundant)
42.67	44.19	Xqp	0	muscovite+-biotite+-chlorite schist, (ie. Muscovite most abundant); minor quartzite
44.19	45.72	Xqp	0	muscovite+-biotite+-chlorite schist, (ie. Muscovite most abundant)
45.72	47.24	Xqp	0	muscovite+-biotite+-chlorite schist, (ie. Muscovite most abundant)
47.24	48.77	Xqp	0	muscovite+-biotite+-chlorite schist, (ie. Muscovite most abundant)
48.77	50.29	Xqp	0	muscovite+-biotite+-chlorite schist, (ie. Muscovite most abundant)
50.29	51.81	Xqp	0	muscovite+-biotite+-chlorite schist, (ie. Muscovite most abundant)
51.81	53.34	Xqp	0	muscovite+-biotite+-chlorite schist, (ie. Muscovite most abundant)
53.34	54.86	Xqp	0	muscovite-tourmaline schist, tourmalines are elongate and narrow, and are more or less present in the hole, here they are abundant
54.86	56.39	Xqp	0	muscovite-chlorite+-biotite schist, quartz poor, ~20% quartz
56.39	57.91	Xqp	0	muscovite-chlorite+-biotite schist, quartz poor, ~20% quartz
57.91	59.43	Xqp	0	muscovite-chlorite+-biotite schist, quartz poor, ~20% quartz
59.43	60.96	Xqp	0	muscovite-chlorite+-biotite schist, quartz poor, ~20% quartz
60.96	62.48	Xqp	0	muscovite-chlorite+-biotite schist, quartz poor, ~20% quartz
62.48	64.00	Xqp	0	muscovite-chlorite+-biotite schist, quartz poor, ~20% quartz
64.00	65.53	Xqp	0	muscovite-chlorite schist, chlorite is very abundant
65.53	67.05	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor
67.05	68.58	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor
68.58	70.10	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor
70.10	71.62	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor
71.62	73.15	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor, with some micaceous quartzite
73.15	74.67	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor
74.67	76.20	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-011
Length (m) 91.44
Log Date 10/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
76.20	77.72	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor
77.72	79.24	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor; tourmaline present
79.24	80.77	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor, with some micaceous quartzite
80.77	82.29	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor, with some micaceous quartzite
82.29	83.82	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor, with some micaceous quartzite
83.82	85.34	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor, with some micaceous quartzite
85.34	86.86	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor, with some micaceous quartzite
86.86	88.39	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor
88.39	89.91	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor
89.91	91.44	Xqp	0	muscovite-biotite+-chlorite schist, quartz poor. End of Hole.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
41.15	42.67	CC	0	trace light yellowish-green sericite
42.67	44.19	CC	0	trace light yellowish-green sericite
44.19	45.72	CC	0	trace light yellowish-green sericite
45.72	47.24	CC	0	trace light yellowish-green sericite
47.24	48.77	CC	0	trace light yellowish-green sericite

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
33.53	35.05	PO	0	Po aligned along foliation
35.05	36.57	PO	0	Po aligned along foliation
36.57	38.10	PO	0	Po aligned along foliation
38.10	39.62	PO	0	Po aligned along foliation
39.62	41.15	PO	0	Po aligned along foliation
45.72	47.24	AS	0	NO light yellowish-green sericite alteration associated with this arsenopyrite

VEINS

mFrom	mTo	Vein1	Relog	Comments
4.57	6.10	QZ	0	no visible mineralization

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-011
Length (m) 91.44
Log Date 10/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
7.62	9.14	QZ	0	no visible mineralization
15.24	16.76	QZ	0	equigranular quartz, no visible mineralization
24.38	25.91	QZ	0	no visible mineralization
32.00	33.53	QCL	0	no visible mineralization
41.15	42.67	QAS	0	trace arsenopyrite
53.34	56.39	QAS	0	very trace arsenopyrite
67.06	68.58	QZ	0	no visible mineralization

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Swede

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-012

Length (m) 106.68

Size 4.75

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 17/08/2010

Date Finished 19/11/2010

Other Hole name Swede_SRC_45

Cassing Pulled Yes

Cassing (m) 3.05

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Target

Log Date 15/11/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Jeff Cary, logged by Shane Carlos; conventional hammer 4 3/4"; casing 6 5/8"

Collar survey Date

Survey By Jeff Cary

Method Post-processed differential GPS

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	438,083.59	7,072,327.50	1,485.84	0.00	-90.00
Preferred	UTM83-8	438,083.59	7,072,327.50	1,485.84	0.00	
Local	LOCL_AuDom	5,240.43	7,950.65	1,485.84	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10119069	09/09/2010	0.00	16.76	0
ALS	QC-OK	WH10123349	17/09/2010	16.76	65.53	0
ALS	QC-OK	WH10123925	24/09/2010	65.53	106.68	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10900	47.24	48.77	2-FDU	0	0.26	5.93	WH10123349
RC10930	88.39	89.92	2-FDU	0	0.09	5.16	WH10123925
RC10870			Blk	0	0.01	0.22	WH10119069
RC10880			Blk	0	0.01	0.21	WH10123349
RC10910			Blk	0	0.00	0.19	WH10123349
RC10940			Blk	0	0.00	0.30	WH10123925
RC10920			SRM_OR-15h	0	1.00	0.07	WH10123925
RC10890			SRM_OR-16b	0	2.02	0.06	WH10123349

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
10	58	24	0	0	0	9	0	0

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-012
Length (m) 106.68
Log Date 15/11/2010

Assays					Litho			Alteration				Mineralization																			
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite														
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur											
	RC10865	0.058						1.52	FEO	3	PER	No Data																			
1.52				3.05				FEO	3	PER	3.05																				
	RC10866	0.023						4.57	FEO	3	PER										4.57										
3.05								6.10	FEO	3	PER										6.10										
	RC10867	0.02						7.62	FEO	3	PER										7.62										
4.57								9.14	FEO	3	PER										9.14										
	RC10868	0.041						10.67	FEO	3	PER										10.67										
6.10								12.19	FEO	3	PER										12.19										
	RC10869	0.032						13.72	FEO	3	PER										13.72										
7.62								15.24	FEO	3	PER										15.24										
	RC10871	0.022						9.14	FEO	3	PER	No Data																			
9.14				10.67				FEO	3	PER	10.67																				
	RC10872	0.018						12.19	FEO	3	PER										12.19										
10.67								13.72	FEO	3	PER										13.72										
	RC10873	0.043						12.19	FEO	3	PER	12.19																			
12.19								13.72	FEO	3	PER	13.72																			
	RC10874	0.01						15.24	FEO	3	PER	No Data																			
13.72					16.76	FEO	3	PER	16.76																						
	RC10875	0.025						15.24	FEO	3	PER	No Data																			
15.24					16.76	FEO	3	PER	16.76																						
	RC10876	0.039						16.76	FEO	3	PER	16.77																			
16.76																															

Hole name	GDRC10-012
Length (m)	106.68
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Area Swede

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Logger Shane Carlos

Hole name	GDRC10-012
Length (m)	106.68
Log Date	15/11/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
35.05	RC10889	0.073	0.1	690	38.10			35.05	FEO	3	PER	No Data										
36.58	RC10891	0.053	0.1	351				36.57	FEO	3	PER											
38.10	RC10892	0.0025	0.1	193				38.10	FEO	3	PER											
39.62	RC10893	0.056	0.1	113				39.62	CC	2												
41.15	RC10894	0.029	0.1	230				41.15	CC	2												
42.67	RC10895	0.006	0.1	75				42.67	CC	3												
44.20	RC10896	0.019	0.1	593				44.19	CC	3												
45.72	RC10897	0.054	0.1	1060				45.72	CC	3												
47.24	RC10898	0.013	0.1	113				47.24	CC	2												
48.77	RC10899	0.173	0.1	300				48.77	CC	3												
50.29	RC10901	0.048	0.1	588				50.29	CC	3												

Golden Predator
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Hole name	GDRC10-012
Length (m)	106.68
Log Date	15/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
51.82	RC10902	0.007	0.1	64	Xqp			51.81	CC	3												
53.34	RC10903	0.039	0.1	159				53.34	CC	1												
54.86	RC10904	0.071	0.1	94				54.86	TLC	2	PAT											
56.39	RC10905	0.011	0.1	84				56.39	TLC	2	PAT											
57.91	RC10906	0.005	0.1	24				57.91	CC	1												57.91
59.44	RC10907	0.056	0.1	153				59.43	CC	2												1.5 VN
60.96	RC10908	0.019	0.1	76				60.96	CC	3												No Data
62.48	RC10909	0.018	0.1	225				62.48	CC	2												
64.01	RC10911	0.018	0.1	114				64.00	CC	2												No Data
65.53	RC10912	0.022	0.1	527				65.53	CC	2												
67.06	RC10913	0.078	0.1	794	67.05	CC	2															

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Hole name GDRC10-012
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Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
68.58	RC10914	0.043	0.1	273	68.58			68.58	CC	3		68.58							
70.10	RC10915	0.077	0.1	458	70.10	Xqp	Xqp	70.10	CC	2		70.10	0.5						
71.63	RC10916	0.08	0.3	844				71.62	No Data		71.62	No Data							
73.15	RC10917	0.143	0.1	523	73.15	Xq		73.15	No Data			73.15	No Data						
74.68	RC10918	0.021	0.2	151	74.68			74.67	CC	1		74.67		0.5	LITH				
76.20	RC10919	0.012	0.1	93				76.20	TLC	3	PER	76.20	No Data						
77.72	RC10921	0.022	0.1	169				77.72	CC	2		77.72							
79.25	RC10922	0.031	0.1	339				79.24	CC	2		79.24	No Data						
80.77	RC10923	0.037	0.1	376				80.77	CC	2		80.77		0.5					
82.30	RC10924	0.09	0.1	852				82.29	CC	2		82.29							
83.82	RC10925	0.027	0.1	354				83.82			83.82	CC	2		83.82				

Project Gold Dome (Sheelite) - Yukon
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LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	38.10	Xq	0	~70% micaceous quartzite with weak foliation (maybe representing primary layering), lith1 min: q+m+b+c, and ~30% quartz rich muscovite-chlorite schist.
38.10	68.58	Xqp	0	Very quartz rich muscovite-chlorite+biotite schist. Also, 190'-195,' ilmenite along the edges of a vein. Black, brittle, reddish-brown streak, non-magnetic.
68.58	71.63	Xqp	0	50% talc-schist?, or an altered mafic intrusion?, with abundant chlorite and biotite but muscovite is very poor. Generally a massive texture, though occasionally a very weak foliation is evident. The rock is talc rich, feels soapy and is soft. ~50% chlorite-biotite schist, (no noticeable muscovite)
71.63	73.15	Xq	0	micaceous quartzite lith1 min:q+m+b , with some trace chlorite
73.15	83.82	Xqp	0	talc-schist?, or an altered mafic intrusion?, with abundant chlorite and biotite but muscovite poor. Generally a massive texture, though occasionally a very weak foliation is evident. The rock is talc rich, feels soapy and is soft.
83.82	91.44	Xqp	0	muscovite-chlorite-quartz schist. Muscovite dominant, then chlorite and then quartz. Fairly hard.
91.44	97.54	Xqp	0	massive, to extremely weak foliation. Dense, muscovite-biotite-chlorite hornfelsed schist.
97.54	100.58	Xqp	0	~85% muscovite-chlorite+biotite schist, and some micaceous quartzite
100.58	102.11	VNq	0	~70% white quartz veining, ~30% altered quartzite, with muscovite and trace biotite and trace chlorite
102.11	106.68	Xqp	0	quartz rich, muscovite-chlorite schist, +-biotite. End of the Hole.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
53.34	54.86	TLC	0	patchy, aggregates, light-greenish-white, massive, soft ~<2.5, looks like soap
54.86	56.39	TLC	0	patchy, aggregates, light-greenish-white, massive, soft ~<2.5, looks like soap
68.58	70.10	CC	0	patchy, aggregates, light-greenish-white, massive, soft ~<2.5, looks like soap
73.15	74.67	CC	0	frequent aggregates, light-greenish-white, massive, soft ~<2.5, looks like soap
74.67	76.20	TLC	0	frequent aggregates, light-greenish-white, massive, soft ~<2.5, looks like soap
76.20	77.72	CC	0	frequent aggregates, light-greenish-white, massive, soft ~<2.5, looks like soap
77.72	79.24	CC	0	frequent aggregates, light-greenish-white, massive, soft ~<2.5, looks like soap
79.24	80.77	CC	0	frequent aggregates, light-greenish-white, massive, soft ~<2.5, looks like soap
80.77	82.29	CC	0	pure grey clay blebs, ~5% of 'chip' tray
82.29	83.82	CC	0	pure grey clay blebs, ~5% of 'chip' tray
100.58	102.10	WM	0	trace pale-yellowish sericite along a narrow margin of some vein 'chips'
103.63	105.15	WM	0	trace pale-yellowish sericite along a narrow margin of some vein 'chips'

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LITHO

mFrom	mTo	Lith1	Relog	Comments

MINERALISATION

mFrom	mTo	Min1	Relog	Comments

16.77	18.28	PY	0	trace
19.81	21.33	PO	0	trace sulfide
71.62	73.15	AS	0	trace arsenopyrite
73.15	74.67	AS	0	trace arsenopyrite
85.34	86.86	PO	0	trace sulfide
86.86	88.39	PO	0	trace sulfide
88.39	89.91	PO	0	trace sulfide
94.48	96.01	PY	0	trace sulfide

VEINS

mFrom	mTo	Vein1	Relog	Comments

22.86	24.38	QAS	0	3% arsenopyrite in vein, with biotites grown in with the arsenopyrite, also some pyrite in an equigranular clear quartz, attached to the finer grained vein, quartzite?
56.39	57.91	QZ	0	no visible mineralization
57.91	59.44	QPY	0	few percent pyrite in a single qtz vein 'chip'
59.44	60.96	QZ	0	with some ilmenite along the edges of the vein. Black, brittle, reddish-brown streak, non-magnetic.
76.20	77.72	QZ	0	no visible mineralization, no sericite alteration
83.82	85.34	QZ	0	no visible mineralization
94.49	96.01	QZ	0	no visible mineralization
100.58	102.11	QW	0	no visible mineralization, just fine milky white, crystalline quartz
103.63	105.16	QZ	0	no visible mineralization

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Swede

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-013

Length (m) 187.45

Size 4.75

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 19/08/2010

Date Finished 21/08/2010

Other Hole name Swede_SRC_44

Cassing Pulled Yes

Cassing (m) 3.05

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Log Date 02/11/2010

Target

Hole Comments survey tools: GPS and compass; surveyed and sampled by Jeff Cary, logged by Shane Carlos; center flow hammer (the driller's time sheet gives 4 1/2"; casing 6 5/8"

Collar survey Date

Survey By Jeff Cary

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,997.75	7,072,276.50	1,484.46	0.00	-90.00
Preferred	UTM83-8	437,997.75	7,072,276.50	1,484.46	0.00	
Local	LOCL_AuDom	5,143.67	7,975.28	1,484.46	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10123925	24/09/2010	0.00	9.14	0
ALS	QC-OK	WH10123926	19/09/2010	9.14	57.91	0
ALS	QC-OK	WH10123927	19/09/2010	57.91	106.68	0
ALS	QC-OK	WH10125264	20/09/2010	106.68	156.97	0
ALS	QC-OK	WH10126929	26/09/2010	156.97	187.45	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC10960	21.34	22.86	2-FDU	0	0.01	4.88	WH10123926
RC11010	88.39	89.92	2-FDU	0	0.01	5.41	WH10123927
RC11050	141.73	143.26	2-FDU	0	0.05	5.25	WH10125264
RC10950			Blk	0	0.00	0.27	WH10123926
RC10970			Blk	0	0.00	0.32	WH10123926
RC10990			Blk	0	0.00	0.28	WH10123927
RC11020			Blk	0	0.00	0.26	WH10123927
RC11040			Blk	0	0.00	0.33	WH10125264
RC11070			Blk	0	0.00	0.28	WH10126929
RC10980			SRM_OR-15h	0	0.98	0.08	WH10123926
RC11080			SRM_OR-15h	0	0.82	0.08	WH10126929
RC11000			SRM_OR-16b	0	2.17	0.08	WH10123927
RC11030			SRM_OR-16b	0	2.15	0.08	WH10125264

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
14	22	8	0	0	0	15	0	0

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-013
Length (m)	187.45
Log Date	02/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
1.52	RC10943	0.007	0.1	148	3.05	Xqp	Xqp															
3.05	RC10944	0.022	0.1	172																		
4.57	RC10945	0.043	0.1	337																		
6.10	RC10946	0.026	0.1	117																		
7.62	RC10947	0.076	0.1	173																		
9.14	RC10948	0.097	0.1	302																		
10.67	RC10949	0.052	0.1	233																		
12.19	RC10951	0.23	0.2	944																		
13.72	RC10952	0.132	0.2	383																		
15.24	RC10953	0.043	0.1	170																		
16.76	RC10955	0.03	0.1	339																		

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-013
Length (m) 187.45
Log Date 02/11/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC10956	0.036	0.1	326																		
18.29																						
	RC10957	0.017	0.1	228																		
19.81																						
	RC10958	0.018	0.1	199																		
21.34																						
	RC10959	0.011	0.2	190																		
22.86																						
	RC10961	0.048	0.1	315																		
24.38																						
	RC10962	0.037	0.2	238	Xqp	Xqp			FEO	5	PER											
25.91																						
	RC10963	0.099	0.1	158																		
27.43																						
	RC10964	0.019	0.1	110																		
28.96																						
	RC10965	0.033	0.2	437																		
30.48																						
	RC10966	0.09	0.1	422																		
32.00																						
	RC10967	0.025	0.1	119																		
33.53																						

No Data

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-013
Length (m)	187.45
Log Date	02/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
35.05	RC10968	0.007	0.1	102																		
36.58	RC10969	0.005	0.2	96																		
38.10	RC10971	0.034	0.1	372																		
39.62	RC10972	0.013	0.2	82																		
41.15	RC10973	0.007	0.1	92																		
42.67	RC10974	0.015	0.2	259																		
44.20	RC10975	0.031	0.1	220																		
45.72	RC10976	0.068	0.1	690	45.72			45.72														
47.24	RC10977	0.062	0.2	744																		
48.77	RC10978	0.105	0.1	672																		
50.29	RC10979	0.077	0.3	198																		

Project Gold Dome (Sheelite) - Yukon Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-013
Length (m)	187.45
Log Date	02/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
51.82	RC10981	0.062	0.2	1020		Xqp				2	PAT											
53.34	RC10982	0.046	0.2	509																		
54.86	RC10983	0.028	0.2	394																		
56.39	RC10984	0.017	0.3	175																		
57.91	RC10986	0.0025	0.2	93																		
59.44	RC10987	0.0025	0.1	111																		
60.96	RC10988	0.014	0.1	40																		
62.48	RC10989	0.022	0.1	20																		
64.01	RC10991	0.015	0.1	58																		
65.53	RC10992	0.009	0.1	12																		
67.06	RC10993	0.26	0.2	30																		

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-013
Length (m)	187.45
Log Date	02/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
68.58	RC10994	0.027	0.1	34																		
70.10	RC10995	0.199	0.2	934																		
71.63	RC10996	0.042	0.1	49																		
73.15	RC10997	0.259	0.2	242																		
74.68	RC10998	0.079	0.1	190																		
76.20	RC10999	0.016	0.2	20	Xq	Xqp																
77.72	RC11001	0.066	0.2	132																		
79.25	RC11002	0.016	0.2	22	Xqp			FEO	5	PER												
80.77	RC11003	0.033	0.3	10																		
82.30	RC11004	0.025	0.1	9																		
83.82	RC11005	0.017	0.2	9																		

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-013
Length (m)	187.45
Log Date	02/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
85.34	RC11006	0.01	0.1	30																		
86.87	RC11007	0.023	0.2	51																		
88.39	RC11008	0.032	0.2	26																		
89.92	RC11009	0.011	0.1	10																		
91.44	RC11011	0.023	0.1	79																		
92.96	RC11012	0.015	0.1	97																		
94.49	RC11013	0.027	0.1	365																		
96.01	RC11014	0.017	0.1	263																		
97.54	RC11015	0.035	0.1	196																		
99.06	RC11016	0.015	0.1	109																		
100.58	RC11018	0.068	0.1	112																		
					Xqp			FEO	3	PAT	No Data											

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-013
Length (m)	187.45
Log Date	02/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
102.11	RC11019	0.054	0.1	16				106.68														
103.63	RC11021	0.018	0.1	98																		
105.16	RC11022	0.009	0.1	106																		
106.68	RC11023	0.008	0.1	154																		
108.20	RC11024	0.006	0.1	207	Xqp			114.30	FEO	4	PER											
109.73	RC11025	0.031	0.3	737																		
111.25	RC11026	0.055	0.2	466																		
112.78	RC11027	0.028	0.2	504																		
114.30	RC11028	0.008	0.1	86																		
115.82	RC11029	0.061	0.3	1040																		
117.35	RC11031	0.01	0.1	107																		

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-013
Length (m)	187.45
Log Date	02/11/2010

[illegible]

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-013
Length (m)	187.45
Log Date	02/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-013
Length (m)	187.45
Log Date	02/11/2010

[illegible]

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-013
Length (m)	187.45
Log Date	02/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-013
Length (m)	187.45
Log Date	02/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
RC11081																						
185.93		0.472	0.1	1540																		
RC11082					187.45			187.45														
187.45		0.059	0.1	209																		

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-013
Length (m) 187.45
Log Date 02/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	3.05	Xqp	0	Note: Minerals are in the order of most to least abundant, as listed and in the name. 30% (quartz poor), muscovite-biotite schist, (80% muscovite, 20% biotite--as porphyroblasts) and 70% Quartz-muscovite-biotite schist., (where quartz is most abundant mineral, ~40% quartz)
3.05	45.72	Xqp	0	quartz-muscovite-biotite schist and ~45% muscovite-biotite-quartz schist (quartz poor).
45.72	74.68	Xqp	0	quartz-muscovite-chlorite-biotite schist, trace tourmaline as needles
74.68	77.72	Xq	0	quartz-muscovite schist/quartzite (80% quartz), and ~40% muscovite-quartz-biotite schist
77.72	80.77	Xqp	0	muscovite-quartz-biotite schist
80.77	106.68	Xqp	0	quartz-muscovite-biotite+-chlorite schist, rarely and locally chlorite is more abundant than muscovite
106.68	114.30	Xqp	0	quartz-muscovite-biotite+-chlorite schist, mostly quartz, then muscovite, biotite is maybe 15%
114.30	126.49	Xqp	0	muscovite-quartz-biotite-chlorite schist
126.49	131.06	Xqp	0	muscovite-quartz-biotite schist
131.06	132.59	Xq	0	quartz-muscovite schist/quartzite, high quartz content (~80%)
132.59	137.16	Xqp	0	muscovite-quartz-biotite schist and ~50% micaceous quartzite/quartz-muscovite schist
137.16	147.83	Xqp	0	quartz-muscovite-biotite schist
147.83	149.35	Xqp	0	muscovite-biotite schist, (quartz is subordinate) highly oxidized, and ~20% quartz-muscovite schist/micaceous quartzite
149.35	187.45	Xqp	0	talc-chlorite-biotite schist? Or some altered mafic intrusion?, variably altered to sericite as reported in alteration, chlorite is locally very abundant. Talc occurs as 'soapy' coatings on all surfaces and is either whitish to whitish-green. The foliation when present is poorly developed and more typically the texture is massive. Perhaps the original schistosity has been masked by alteration or some recrystallization. Quartz is rare, to not noticeable, to not present. End of Hole.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
0.00	45.72	FEO	0	orange iron oxide
118.87	120.40	CC	0	trace calcite disseminated within single clasts
129.54	132.59	WM	0	light greenish sericite with calcite as permeating the lithology and as stringers
132.59	134.11	WM	0	light greenish sericite
135.64	137.16	WM	0	light greenish sericite
141.73	143.26	WM	0	light yellowish-green sericite with diss. Py
147.83	149.35	FEO	0	orange iron oxide
152.40	160.02	TLC	0	soft (around 2.5), whitish to white-green, looks like soap, feels soapy, talc

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-013
Length (m) 187.45
Log Date 02/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
160.02	161.54	WM	0	light yellow- greenish sericite, and a soft (around 2.5), whitish to white-green, looks like soap, feels soapy,Talc
161.54	164.59	TLC	0	soft (around 2.5), whitish to white-green, looks like soap, feels soapy, talc
164.59	166.12	CC	0	calcite and light yellow-greenish sericite and a separate original alteration=Talc: soft (around 2.5), whitish to white-green, looks like soap, feels soapy
166.12	178.31	TLC	0	soft (around 2.5), whitish to white-green, looks like soap, feels soapy, talc
178.31	187.45	CC	0	calcite and light yellow-greenish sericite alteration throughout section in ~40% of the clasts, the rest is altered to talc: soft (around 2.5), whitish to white-green, looks like soap, feels soapy

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
129.54	131.06	PY	0	up to 2% locally
131.06	132.59	AS	0	some clasts are up to 3% arsenopyrite
132.59	134.11	PO	0	following foliation
134.11	135.64	AS	0	trace arsenopyrite
160.02	161.54	PY	0	locally higher concentrations to 20%, and lower concentrations to 1-2%, sericite alteration associated, arsenopyrite is trace to quartz vein

VEINS

mFrom	mTo	Vein1	Relog	Comments
57.91	59.44	QS	0	3% py, trace grey sulphide with grey-red streak
82.30	83.82	QZ	0	no visible sulfide
89.92	91.44	QCL	0	trace chlorite and pyrrhotite
92.96	94.49	QZ	0	no sulfide
100.58	102.11	QZ	0	no visible sulfide
121.92	123.44	QZ	0	no visible sulfide
131.06	132.59	QS	0	trace arsenopyrite in veins
141.73	143.26	QZ	0	no visible mineralization
144.78	146.30	QZ	0	no visible sulphides or other mineralization
153.92	155.45	CC	0	trace calcite along fracture surfaces
160.02	161.54	QCS	0	trace pyrite and arsenopyrite in vein
164.59	166.12	QC	0	no visible mineralization

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-013
Length (m) 187.45
Log Date 02/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
179.83	181.36	QCS	0	trace arsenopyrite
182.88	187.45	QC	0	quartz-calcite veining with no visible mineralization (ie. Sulphides, sulphosalts, etc)

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Swede

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-014

Length (m) 199.64

Size 5.125

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 21/08/2010

Date Finished 23/08/2010

Other Hole name Swede_SRC_43

Cassing Pulled No

Cassing (m) 3.08

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Karin Fecova

Log Date 01/11/2010

Target

Hole Comments survey tools: GPS and compass; surveyed and sampled by Jeff Cary, logged by Karin Fecova; conventional hammer 5 1/8"; casing 6 5/8", casing left in the ground

Collar survey Date

Survey By Jeff Cary

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,913.81	7,072,223.50	1,477.42	0.00	-90.00
Preferred	UTM83-8	437,913.81	7,072,223.50	1,477.42	0.00	
Local	LOCL_AuDom	5,046.84	7,997.16	1,477.42	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10124012	15/09/2010	120.40	170.69	0
ALS	QC-OK	WH10124013	23/09/2010	70.10	120.40	0
ALS	QC-OK	WH10125263	18/09/2010	19.81	70.10	0
ALS	QC-OK	WH10126929	26/09/2010	0.00	19.81	0
ALS	QC-OK	WH10126940	26/09/2010	170.69	199.64	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC11090	9.14	10.67	2-FDU	0	0.06	5.21	WH10126929
RC11130	64.01	65.53	2-FDU	0	0.02	4.72	WH10125263
RC11140	77.72	79.25	2-FDU	0	0.00	4.10	WH10124013
RC11200	160.02	161.54	2-FDU	0	0.00	4.88	WH10124012
RC11220	187.45	188.98	2-FDU	0	0.05	6.78	WH10126940
RC11120			Blk	0	0.00	0.23	WH10125263
RC11150			Blk	0	0.00	0.28	WH10124013
RC11190			Blk	0	0.00	0.31	WH10124012
RC11110			SRM_OR-15h	0	0.98	0.08	WH10125263
RC11160			SRM_OR-15h	0	1.15	0.08	WH10124013
RC11180			SRM_OR-15h	0	0.98	0.08	WH10124012

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
26	9	23	0	0	0	29	0	0

Hole name	GDRC10-014
Length (m)	199.64
Log Date	01/11/2010

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-014
Length (m)	199.64
Log Date	01/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
18.29	RC11095	0.016	0.2	240																		
19.81	RC11096	0.021	0.6	147																		
21.34	RC11097	0.045	0.1	497																		
22.86	RC11098	0.012	0.3	275																		
24.38	RC11099	0.08	0.1	913																		
25.91	RC11101	0.02	0.2	239	25.91	Xqp			FEO	6	PER											
27.43	RC11102	0.011	0.1	109																		
28.96	RC11103	0.018	0.4	163																		
30.48	RC11104	0.006	0.1	71	30.48	Xqp	Xqp															
32.00	RC11105	0.006	0.2	63	33.53	Xqp	Xqp															
33.53	RC11106	0.186	0.8	849																		

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-014
Length (m)	199.64
Log Date	01/11/2010

Assays					Litho			Alteration				Mineralization								
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur			
35.05	RC11107	0.243	0.8	1555	35.05	No Data						35.05	No Data							
36.58	RC11108	0.216	1.1	2500	38.10	Xqp														
38.10	RC11109	0.042	0.3	733																
39.62	RC11111	0.067	0.1	178	38.10	Xqp														
41.15	RC11112	0.026	0.3	275																
42.67	RC11113	0.153	0.4	2760																
44.20	RC11114	0.016	0.2	645																
45.72	RC11115	0.194	3.7	7110																
47.24	RC11116	0.43	9.3	6480																
48.77	RC11117	0.028	0.4	951																
50.29	RC11118	0.126	0.1	198																

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDRC10-014

Length (m)	199.64

Log Date 01/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
51.82	RC11119	0.055	0.6	370	53.34			53.34														
53.34	RC11121	0.041	0.6	714																		
54.86	RC11122	0.098	0.5	479	60.96	Xqp																
56.39	RC11123	0.006	0.1	120																		
57.91	RC11124	0.0025	0.2	260																		
59.44	RC11125	0.031	0.1	317																		
60.96	RC11126	0.012	0.1	296																		
62.48	RC11127	0.046	0.8	280	65.53	Xqp	Xqp															
64.01	RC11128	0.041	0.1	252																		
65.53	RC11129	0.032	0.1	203																		
67.06	RC11131	0.088	0.1	297																		

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-014
Length (m) 199.64
Log Date 01/11/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	
68.58	RC11132	0.05	0.1	308	68.58							68.58									
70.10	RC11133	0.014	0.2	228	70.10	Xq															
71.63	RC11134	0.009	0.3	189								71.63									
73.15	RC11135	0.071	0.1	361	73.15																
74.68	RC11136	0.019	0.1	167	74.68	Xqp	Xqp														
76.20	RC11137	0.005	0.1	91																	
77.72	RC11138	0.017	0.1	24		Xqp															
79.25	RC11139	0.005	0.1	22	79.25			79.25													
80.77	RC11141	0.0025	0.4	48	80.77	Xq															
82.30	RC11142	0.01	0.1	26																	
83.82	RC11143	0.0025	0.1	17								83.82									

Project Gold Dome (Sheelite) - Yukon
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Golden Predator
Program 2010
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Hole name GDRC10-014
Length (m) 199.64
Log Date 01/11/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
85.34	RC11144	0.011	0.1	185	94.49	Xqp		94.49	FEO	2	PER	94.49	85.34						
86.87	RC11145	0.024	0.1	262															
88.39	RC11146	0.022	0.1	129															
89.92	RC11147	0.532	1.3	612															
91.44	RC11148	0.167	0.1	703															
92.96	RC11149	0.088	0.1	599															
94.49	RC11151	0.005	0.1	96	99.06	Xq		99.06				99.06	0.5	LITH					
96.01	RC11152	1.67	9.2	3410															
97.54	RC11153	0.036	0.1	301															
99.06	RC11154	0.021	0.1	158															
100.58	RC11155	0.022	0.1	1080				100.58	WM	3	PAT		0.5	LITH	1.5	VS			

Project Gold Dome (Sheelite) - Yukon
Area Swede

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Program 2010
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Hole name	GDRC10-014
Length (m)	199.64
Log Date	01/11/2010

Assays					Litho			Alteration			Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur							
102.11	RC11156	2.5	3.5	4060	Xqp			102.11	No Data			102.11	0.5	LITH	1.5	VS								
103.63	RC11157	0.095	0.2	184					103.63															
105.16	RC11158	0.665	0.4	855															1.5	LITH				
106.68	RC11159	0.138	0.6	3820																	WM	4	PAT	
108.20	RC11161	0.062	0.1	1300																				No Data
109.73	RC11162	0.099	0.1	626																				
111.25	RC11163	0.058	0.2	593	109.73			109.73		111.25														
112.78	RC11164	0.037	0.1	446																				
114.30	RC11165	0.215	0.1	677																				
115.82	RC11166	0.201	0.1	1950																				
117.35	RC11167	0.059	0.2	982																				

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-014
Length (m)	199.64
Log Date	01/11/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
118.87	RC11168	0.148	0.1	1140	134.11	Xqp	Xq	134.11	No Data			134.11					0.5	MIN1				
120.40	RC11169	0.074	0.1	465																		
121.92	RC11171	0.008																				
123.44	RC11172	0.006																				
124.97	RC11173	0.016																				
126.49	RC11174	0.065																				
128.02	RC11175	0.323																				
129.54	RC11176	0.193																				
131.06	RC11177	0.295																				
132.59	RC11178	0.096																				
134.11	RC11179	0.213																				

Hole name	GDRC10-014
Length (m)	199.64
Log Date	01/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

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Hole name GDRC10-014

Length (m)	199.64

Log Date 01/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon Area Swede

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDRC10-014

Length (m)	199.64

Log Date 01/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
													%	occur	%	occur	%	occur	%	occur	%	occur
169.16	RC11205	0.156			169.16	Xqp						169.16	No Data									
170.69	RC11206	0.175			179.83	Xq			WM	4	PER	170.69	3.5	LITH								
172.21	RC11207	0.071	0.1	764			172.21	No Data														
173.74	RC11208	0.05	0.1	504																		
175.26	RC11209	0.048	0.1	361																		
176.78	RC11211	0.056	0.1	467																		
178.31	RC11212	0.026	0.1	235																		
179.83	RC11213	0.071	0.1	1600																		
181.36	RC11214	0.017	0.1	153			184.40	Xqp					181.36									
182.88	RC11215	0.028	0.1	217	182.88																	
184.40	RC11216	0.053	0.1	308	184.40	3.5			FOL													

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

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Hole name GDRC10-014

Length (m)	199.64

Log Date 01/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
185.93	RC11217	0.011	0.1	154	Xqp							185.93	0.5	VN								
187.45	RC11218	0.01	0.1	116									187.45	No Data								
188.98	RC11219	0.051	0.1	795									188.98									
190.50	RC11221	0.108	0.1	1680									1.5 LITH									
192.02	RC11222	0.114	0.4	1730																		
193.55	RC11223	0.14	0.1	558																		
195.07	RC11224	0.058	0.1	345																		
196.60	RC11225	0.083	0.1	588									196.60									
198.12	RC11226	0.03	0.1	394																		
199.64	RC11227	0.194	0.1	1750	199.64																	

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-014
Length (m) 199.64
Log Date 01/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	25.91	Xq	0	domint qz-rich musc schist/schistose qtzite, pervasively oxidizd; subordinate qz-feldspath schist/schistose gritty feldspathic qtzite, also perv oxid; no vis min
25.91	27.43	Xqp	0	musc-chlor schist
27.43	30.48	Xqp	0	both, qz-feldspath schist and chlor-musc schist; oxidn seems to be more perv in gritty metased
30.48	33.53	Xqp	0	both musc-qz schist/schistose qtzite and gritty qz-fspath schist
35.05	38.10	Xqp	0	domint chlor-musc schist
38.10	53.34	Xqp	0	musc schist/schistose qtzite +/- fspar; lith1 min: c+m+b
53.34	60.96	Xqp	0	chlor-musc schist domint, in general there is a fair amount of qz in this type of schist
60.96	68.58	Xqp	0	chlor-musc schist and musc-bio schist w 10% 1 mm brd bio books? (look stubby, very soft, flakey)
68.58	70.10	Xq	0	schistose qtzite
70.10	73.15	Xqp	0	musc-bio schist as prev described with min chlor
73.15	74.68	Xqp	0	both musc-bio schist and chlor-musc-min bio(?) schist
74.68	79.25	Xqp	0	musc-bio schist as prev describd
79.25	80.77	Xq	0	musc schist/schistose qtzite w occasional micron sized bio diss along foltn
80.77	94.49	Xqp	0	musc-chlor-bio schist with subordinate schistose qtzite w diss occas po and py and chlor-musc-bio schist; occas frags of chlor-gt schist
94.49	99.06	Xq	0	schistose qtzite w 3% diss py and po in lith; occas frags of musc-bio schist and chlor-gt schist
99.06	109.73	Xqp	0	chlor-musc+/-bio, +/- gt schist w subordinate musc-bio schist and musc schist, the last subunit has distinctly commonly occuring green patches (fuchsite) within musc foltn plane
109.73	134.11	Xqp	0	domint frags of chlo-musc-bio-gt schist w diss po ; subordinate schistose qtzite/musc +/- bio schist w 0.5mm diss py> aspy; 420-425ft seems to be veined (domint vnd frags in the tray): gyl qz-wh fspar vns w py >>>aspy
134.11	137.16	Xq	0	musc-minor chlor schist, appears to be vnd (qz and cc hairline, qz strings and veins)+ microfractd include veins with 30% diss and euh 0.5-1 mm aspy in vns and cc along contacts between aspy and qz vn; lith contains diss py and po
137.16	152.40	Xqp	0	domint chlor-musc+/- gt and +/- bio schist w common dis po; occas frags of schistose qtzite, some have chlor replcmnt by failry abundant (15%) fd po
152.40	164.59	Xq	0	schistose qtzite w subordinate chlor-musc +/-bio,gt schist
164.59	166.12	Xqp	0	chlor-musc-bio-gt schist
166.12	167.64	Xq	0	musc -ser -min chlor- schist veind and fractd, w common min (aspy and py) in vns and lith
167.64	169.16	Xqp	0	chlor-musc+/-bio and gt schist
169.16	179.83	Xq	0	musc-ser schist/schistose qtzite
179.83	184.40	Xqp	0	chlor-musc, +/-bi,gt schist
184.40	199.64	Xqp	0	domint musc-bio (10%) schist; subordinate chlo-musc-bio-gt schist w iron oxid grains

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-014
Length (m) 199.64
Log Date 01/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

ALTERATION

mFrom	mTo	Lith1	Relog	Comments

0.00	53.34	FEO	0	perv oxid interval, seems to be more perv in qz rich metaseds in contrast with chlor-musc schist
79.25	94.49	FEO	0	after 310, oxid not present down the hole to eoh
103.63	106.68	WM	0	in musc schist/schistose qtzite; ser'd frags have abundant microfracs filled w calcite
108.20	109.73	WM	0	ser halo along qz vn w mineralzd selv
134.11	137.16	WM	0	in schistose qtzite
158.50	161.54	WM	0	in schistose qtzite
167.64	172.21	WM	0	in schistose qtzite

MINERALISATION

mFrom	mTo	Min1	Relog	Comments

68.58	71.63	PYPO	0	diss in schistose qtzite
83.82	85.34	PYPO	0	in schistose qtzite
92.96	94.49	PY	0	in schistose qtzite
94.49	99.06	PYPO	0	in schistose qtzite
99.06	102.11	AS	0	min 1 in qz vn w ser selv; 1mm stria euh aspy; min 2 1% diss py in musc schist and 2% diss po in chlor-gt schist
102.11	106.68	PY	0	min1 2% 1mm py in musc schist; min 2 both py and po common in chlor-musc-bio-gt schist
108.20	109.73	ASPY	0	in qz vn selv w ser a few mm halo, py tends to be more concentrd in ser halo along foltn
109.73	111.25	ASPY	0	min 1 in form of 0.5 mm py> aspy in schistose qtzite; min 2 in form of diss po blebs in chlor-musc-bio-gt schist
111.25	126.49	PYPO	0	in bot lithos, po dominates in lith1 (chlor-musc-bio-gt schist), sometimes associated w traces of cpy
126.49	128.02	ASPY	0	in both lithos
138.68	152.40	PO	0	min 1 mostly in chlor domint schist, but also common in occas schistose qtzite frags; min 2 occas diss py in qz-cc string at 490-495
153.92	155.45	PY	0	0.5-1mm py in fracs and microfracs, along contacts between wh and gyl qz
158.50	160.02	AS	0	w trace 1 mm aspy cxl; min 2 in musc-ser schist/schistose qtzite
164.59	166.12	PY	0	0.5 mm diss py in vfol

Project Gold Dome (Sheelite) - Yukon
Area Swede

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Length (m) 199.64
Log Date 01/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
166.12	167.64	ASPY	0	common qz hair and strings and cc is in microfracs, contacts btw vns and host or btw vn and min or btw host and min; sulph incl 0.5-1mm aspy and py; py seems to be domint
169.16	170.69	PY	0	0.5-1 mm aspy and py cxls in vn selvs and py diss in schistose qtzite
187.45	188.98	ASPY	0	w 5% 0.5mm fd aspy and py
188.98	196.60	PY	0	in musc-bio schist, along foltn

VEINS

mFrom	mTo	Vein1	Relog	Comments
15.24	16.76	QI	0	no vis min
28.96	30.48	QI	0	no vis min
30.48	32.00	QI	0	no vis min
45.72	47.24	QI	0	no vis min
50.29	51.82	QI	0	3mm thick subparall veins along fol w no vis min
54.86	60.96	QI	0	no vis min
64.01	67.06	QZ	0	~7mm thick, no vis min
76.20	77.72	QZ	0	no vis min
89.92	91.44	QZ	0	no vis min
92.96	96.01	QZ	0	no vis min
99.06	102.11	QS	0	qz has ser'd margs and occas diss euh aspy and py
103.63	106.68	CC	0	fracs and microfracs domint in schistose ser'd qtzite that also commonly displays diss py
108.20	109.73	QAS	0	likely a qz vn w ser halo and aspy in selvs and py in ser halo
126.49	128.02	QS	0	w 2% 0.5 mm diss py and aspy along microfracs in qz
128.02	129.54	QFS	0	hard white (fspar) intergrowth with gyl qz and domint 3% 1 mm py, perhaps trace aspy diss in vn
134.11	137.16	QZ	0	qz hairine and strings common, no vis min; qz vn w 30% diss aspy in vn
137.16	138.68	QPY	0	w 1-2% diss py in vein
149.35	150.88	QCS	0	common sul is py
153.92	155.45	QPY	0	seems that they are two generation of qz vn-zone, wh along the margin, gyl inner zone, both contain diss 1 mm py along fracs and along contacts btw tw zones pronounced by py diss string
156.97	158.50	QZ	0	no vis min
158.50	160.02	QAS	0	w trace 1 mm aspy cxl
164.59	166.12	QPY	0	1-2% 0.5 mm diss py in vfol/sfol
166.12	167.64	QS	0	common qz hair and strings and cc is in microfracs, contacts btw vns and host or btw vn and min or btw host and min; sulph incl 0.5-1mm aspy and py; py seems to be domint

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
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Hole name GDRC10-014
Length (m) 199.64
Log Date 01/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
169.16	170.69	QS	0	sulp incl 0.5-1mm diss aspy and py
179.83	182.88	QS	0	sul are domint py, tr aspy in qz
182.88	184.40	QZ	0	no vis min
187.45	188.98	QS	0	w 5% 0.5mm fd aspy and py
198.12	199.64	QZ	0	no vis min

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Swede

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-015

Length (m) 198.12

Size 5.125

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 24/08/2010

Date Finished 28/08/2010

Other Hole name Swede_SRC_42

Cassing Pulled Yes

Cassing (m) 3.08

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Karin Fecova

Target

Log Date 05/11/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Jeff Cary, logged by Karin Fecova; conventional hammer 5 1/8"; casing 6 5/8"

Collar survey Date

Survey By Jeff Cary

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	437,815.44	7,072,210.00	1,473.70	0.00	-90.00
Preferred	UTM83-8	437,815.44	7,072,210.00	1,473.70	0.00	
Local	LOCL_AuDom	4,967.74	8,057.17	1,473.70	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10129523	26/09/2010	71.63	121.92	0
ALS	QC-OK	WH10125507	26/09/2010	121.92	172.21	0
ALS	QC-OK	WH10125508	26/09/2010	172.21	198.12	0
ALS	QC-OK	WH10126928	21/09/2010	21.34	71.63	0
ALS	QC-OK	WH10126940	26/09/2010	0.00	21.34	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC11260	42.67	44.20	2-FDU	0	0.01	5.15	WH10126928
RC11290	83.82	85.34	2-FDU	0	0.48	6.11	TR10129523
RC11330	138.68	140.21	2-FDU	0	0.14	5.71	WH10125507
RC00002			Blk	0	0.00	0.29	WH10125508
RC11240			Blk	0	0.00	0.30	WH10126940
RC11250			Blk	0	0.00	0.26	WH10126928
RC11310			Blk	0	0.00	0.25	TR10129523
RC11320			Blk	0	0.00	0.30	WH10125507
RC00001			SRM_OR-15h	0	0.89	0.09	WH10125507
RC11270			SRM_OR-15h	0	1.00	0.08	WH10126928
RC11230			SRM_OR-16b	0	2.15	0.09	WH10126940
RC11300			SRM_OR-16b	0	2.25	0.08	TR10129523

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
28	10	30	0	0	0	47	0	0

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-015
Length (m)	198.12
Log Date	05/11/2010

[illegible]

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-015
Length (m)	198.12
Log Date	05/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
18.29	RC11241	0.031	0.1	452	21.34	Xqp	Xq	30.48				No Data										
19.81	RC11242	0.074	0.1	543																		
21.34	RC11243	0.025	0.1	316																		
22.86	RC11244	0.01	0.1	214	Xqp																	
24.38	RC11245	0.093	0.1	1270																		
25.91	RC11246	0.088	0.1	1280																		
27.43	RC11247	0.044	0.1	409																		
28.96	RC11248	0.029	0.1	377																		
30.48	RC11249	0.022	0.1	145																		
32.00	RC11251	0.005	0.1	49	33.53	Xqp																
33.53	RC11252	0.012	0.1	60																		

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
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Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
	RC11253	0.065	0.1	279																		
35.05																						
	RC11254	0.056	0.1	197																		
36.58					36.58																	
	RC11255	0.043	0.1	360																		
38.10																						
	RC11256	0.1	0.1	367																		
39.62												39.62										
	RC11257	0.249	0.1	1800																		
41.15													1.5	LITH								
	RC11258	0.04	0.1	960																		
42.67					42.67							42.67										
	RC11259	0.016	0.1	256																		
44.20													No Data									
	RC11261	0.01	0.1	49																		
45.72												45.72										
	RC11262	0.011	0.1	53																		
47.24													0.5	VN								
	RC11263	0.02	0.1	196																		
48.77																						
	RC11264	0.049	0.1	93																		
50.29													No Data									

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-015
Length (m)	198.12
Log Date	05/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon Area Swede

Golden Predator
Program 2010
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Hole name	GDRC10-015
Length (m)	198.12
Log Date	05/11/2010

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Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
102.11	RC11302	0.029	0.1	243				102.11	No Data			No Data							
103.63	RC11303	0.044	0.3	364				103.63	FEO	4	PAT	103.63							
105.16	RC11304	0.091	0.1	391				105.16	No Data			105.16 3.5 LITH							
106.68	RC11305	0.839	6.9	392	Xq	Xh		106.68	No Data			1.5 VS 3.5 LITH							
108.20	RC11306	0.04	0.2	264				108.20	WM	4	PER							108.20	
109.73	RC11307	0.075	0.4	304				109.73	No Data			No Data							
111.25	RC11308	0.248	0.2	2380	109.73														
112.78	RC11309	0.115	0.1	110	117.35														
114.30	RC11311	0.072	0.1	249								117.35							
115.82	RC11312	0.03	0.1	30							117.35								
117.35	RC11313	0.092	0.1	45	117.35	Xqp	Xh	117.35				117.35							

Project Gold Dome (Sheelite) - Yukon Area Swede

Golden Predator
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Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
118.87	RC11314	0.034	0.1	111	Xqp			118.87	FEO	3	PAT	No Data										
120.40	RC11315	0.054	0.2	378				No Data														
121.92	RC11316	0.009	0.1	15																		
123.44	RC11317	0.017	0.2	58																		
124.97	RC11318	0.037	0.1	31																		
126.49	RC11319	0.009	0.1	39																		
128.02	RC11321	0.047	0.1	187	VNq	Xqp	No Data		128.02	7.5	VN	No Data										
129.54	RC11322	0.035	0.3	69	Xh			129.54														
131.06	RC11323	0.034	0.2	158				131.06														
132.59	RC11324	0.139	0.2	443	Xq			132.59		No Data												
134.11	RC11325	0.033	0.1	73				134.11														

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
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Log Date	05/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
135.64	RC11326	0.122	0.2	424	135.64				WM	4	PER	135.64	15	VN								
137.16	RC11327	0.191	0.3	860	137.16	Xh	Xq	137.16				137.16	3.5	LITH								
138.68	RC11328	0.155	0.6	584	Xq								1.5	LITH								
140.21	RC11329	0.053	0.1	267																		
141.73	RC11331	0.099	0.1	156																		
143.26	RC11332	0.152	0.4	737																		
144.78	RC11333	0.39	0.1	2400																		
146.30	RC11334	0.173	0.2	1010																		
147.83	RC11335	0.092	0.2	508																		
149.35	RC11336	0.072	0.2	533																		
150.88	RC11337	0.152	0.1	735				No Data				150.88			0.5	LITH						

Golden Predator
Program 2010
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Hole name	GDRC10-015
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Log Date	05/11/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
152.40	RC11338	0.074	0.2	705	152.40	Xq	Xqp	152.40				152.40	No Data						
153.92	RC11339	0.257	0.3	770	153.92	Xq	Xh					153.92	1.5	VN					
155.45	RC11340	0.015	0.1	74	155.45	Xqp	155.45					No Data							
156.97	RC11341	0.039	0.3	205			156.97												
158.50	RC11342	0.123	0.1	91			158.50					0.5	VN						
160.02	RC11343	0.075	0.3	685															
161.54	RC11344	0.116	0.1	30										161.54					
163.07	RC11345	0.516	0.7	2550	163.07	Xq	WM	5	PER	1.5	LITH								
164.59	RC11346	0.468	0.3	1020															
166.12	RC11347	2.29	3.9	10000								166.12							
167.64	RC11348	0.147	0.5	842				WM	4	PER									

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDRC10-015

Length (m)	198.12

Log Date 05/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDRC10-015

Length (m)	198.12

Log Date 05/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-015
Length (m) 198.12
Log Date 05/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	3.05	Xqp	0	chlor-bio-musc+/- gt +/- andal schist, moder oxid w subordinate, minor musc schist/schistose qtzite
3.05	13.72	Xqp	0	musc-bio schist, perv oxid; w subordinate chlor-bio schist
13.72	15.24	Xqp	0	musc-bio schist, perv oxid; w subordinate chlor-bio schist
15.24	16.76	Xqp	0	domint chlor-bio schist w subordinate musc-bio schist
16.76	21.34	Xqp	0	domint musc-bio +/- chlor schist w subordinate musc +/- chlor schist/schistose qtzite
21.34	30.48	Xqp	0	musc-bio-chlor+/- gt(?) and andalusite (?) schist, where chlor more abundant oxidtn is less perv; more musc rich, oxid more pervasive (pic 0896)
30.48	36.58	Xqp	0	chlor-bio-musc-gt schist (0897, 0901) w minor musc-bio-andal schist
36.58	42.67	Xq	0	musc schist/schistose qtzite w minor chlor-gt-qzose schist; schistose qtzite can contain 3% of colourless qz eyes and occas dis py
42.67	59.44	Xqp	0	musc-chlor-bio-andalusite schist and chlor-bio-musc-gt-wollast qzose schist
59.44	62.48	Xqp	0	chlor-bio+/-musc+/- gt - schist w minor qz-cb layers (calc-silicate?)-strong fizzing around grains, 0.5mm silica(clourless) and cc (calcite) grains, rusty colour, perv oxid,
62.48	82.30	Xqp	0	chlor-bio +/-gt schist and musc-bio +/- andal schist (domint)
82.30	85.34	Xqp	0	musc schist/schistose qtzite
85.34	105.16	Xqp	0	musc-chlor (50/50) -bio +/-gt(?), +/- andal schist
105.16	109.73	Xq	0	musc schist/schistose qtizte w subordinate +/-chlor,bt and gt qz rich schist (green(hard, silica rich)-brown/pk (very soft, mica rich)), veined by qz and qz-cc hairline and strings, also ser'd around vns and carb'd (strong fizzing, cc in microfracs or as
109.73	117.35	Xqp	0	chlor-bio (gt?) qz rich schist fizzing along microfracs ("after eight") colour (brown/red-green) w subordinate schistose calc-silicate (fizzing); after eight is veind (qz-cc hairline and strings but no vis min); only min is fd po along foltn
117.35	126.49	Xqp	0	musc-chlor-bio-(gt?) schist, +/-andal; w cc in microfracs and fdiss of po in foltn
126.49	128.02	VNq	0	probably massive vein in musc-chlor-bio schist as most of frags are qz w diss py
128.02	131.06	Xh	0	schistose calc-silicate; strong rxn w HCl; (0944-they resemble schistose musc qtzite, except they strongly react w HCl, at some point it is difficult to say what is reacting if cc in microfracs or grains, but it appears like both; greenish colour due to r
131.06	135.64	Xq	0	musc-ser +/- chlor schist/schistose qzite
135.64	137.16	Xh	0	both calc (wh)-silicate (gyl) w gritty text and musc-ser schist/schistose qtzite; I wonder if calc-silicate is not primary calc-silicate, but recrystllzd cc in fracs in between mg/cg qz grains (w gritty text) or inbetween foltn planes and on fracs of musc
137.16	149.35	Xq	0	musc schist/schistose qtzite w strong rxn w HCl; minor chlor-musc-bi (gt?) schist and musc-bio schist +/- tour also w strong rxn w HCl along foltn and frac surfaces; minor frags of gritty qz-cc "calc-silicate"

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-015
Length (m) 198.12
Log Date 05/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
149.35	152.40	Xq	0	musc+/- chlor and bio schist and chlor-musc-bi-gt(?) schist w cc along foltn and fracs; minor frags of gritty qz-cc "calc-silicate" w diss aspy
152.40	153.92	Xq	0	musc schist/schistose qtzite and gritty qztite (calc-silicate)
153.92	161.54	Xqp	0	musc-bio +/- chlor, sometimes bio rich (br) schist
161.54	166.12	Xq	0	schistose qtzite/musc+/-ser schist w aspy and py and abundt qz strings and hairline fracs w cc; minor musc-bio rich -gt(?) schist
166.12	181.36	Xqp	0	chlor-musc-bio schist, qz rich
181.36	184.40	Xqp	0	musc-chlor schist, qz rich
184.40	198.12	Xqp	0	chlor-musc+/- bio schist

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
30.48	88.39	FEO	0	domint on fracs, minorly pervasive
88.39	89.92	WM	0	ser altren of host due to qz-cc-sulp strings
97.54	99.06	FEO	0	on fracs
102.11	103.63	FEO	0	on fracs
106.68	108.20	WM	0	ser altrn in musc schist/schistose qtzite
117.35	118.87	FEO	0	on fracs
132.59	137.16	WM	0	ser altrn in musc schist/schistose qtzite
161.54	166.12	WM	0	ser altrn in musc schist/schistose qtzite
166.12	167.64	WM	0	musc schist/schistose qtzite, veined by qz and qz-cc hairline and strings, also ser'd around vns and carb'd (strong fizzing, cc in microfracs or as grains?? W fdiss aspy in zones away from vn margs in lith)

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
39.62	42.67	PY	0	in musc schist/schistose qtzite
45.72	47.24	PY	0	w a cluster of fg py
53.34	54.86	PY	0	w occas 1mm clusters of py
71.63	73.15	PY	0	w traces of py diss in qz
86.87	88.39	AS	0	in the zone a few mm away from the vn, 2 mm thick continuous (along the vn) clusters of aspy or as diss aspy and py a few mm away from qz vn selv (pic)0927-0929)

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-015
Length (m) 198.12
Log Date 05/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
88.39	89.92	ASPY	0	min 1 in form of euh 0.5-1mm diss aspy and py in vn, selvs and away from vn margs that are ser'zd (pic 0930-0937); min 2 clusters and diss of po and py in lith
103.63	105.16	PY	0	w py in vn selvs forming a continuous fg string, also in the zones away from vn margs, in lith
105.16	108.20	AS	0	min 1 musc schist/schistose qtizte, veined by qz and qz-cc hairline and strings, also ser'd around vns and carb'd (strong fizzing, cc in microfracs or as grains(??) w fdiss aspy in zones away from vn margs in lith); min 2 in subordinate calc-silicate unit w no vis min but also veind and fdis of py along qz -cc vn
126.49	128.02	PY	0	up to 1 mm py diss in vn and selvs
128.02	129.54	ASPY	0	fd aspy and py in selvs and in the zone away from qz-cc vn margs
134.11	135.64	PY	0	gyl qz frag w abundant fdiss py
135.64	137.16	PY	0	min 2 in musc-ser schist and tracing contacts between gyl qz grains and wh cc grains
143.26	144.78	AS	0	min 1 related to qz-cc string/vn w 1mm euh stria aspy; min 2 related to zones away from qz vn margs in form of 0.5-1mm euh aspy; min 3 py fdiss in schistose qtizte; cc seems to be assoctd w aspy but again it can be filling fracs along contacts btw grains, foltn planes,..
147.83	150.88	AS	0	2mm euh aspy cxl diss in q-cc gritty "calc' silicate"
152.40	153.92	PY	0	qz-cc strings and vns w fdismnts of py in vn and selvs
156.97	161.54	PYPO	0	py fdismntd in vn and selvs
161.54	166.12	ASPY	0	up to 1 mm diss aspy and py in qz strings and hairline fracs
181.36	182.88	PY	0	likely vns w 1 mm diss py cxls and clusters in vn and selvs
190.50	192.02	PY	0	vn 1 w dis py in vn and along selvs

VEINS

mFrom	mTo	Vein1	Relog	Comments
19.81	21.34	QI	0	no vis min
42.67	44.20	QI	0	no vis min
45.72	47.24	QPY	0	w a cluster of fg py
48.77	50.29	QZ	0	8mm thick vfol w no vis min, rusted and chlortd selvs
53.34	54.86	QPY	0	w occas clusters of py
56.39	57.91	QI	0	3-8mm thick vfol, w no vis min
57.91	59.44	QI	0	vn or vfol, no vis min
60.96	62.48	QZ	0	w no vis min
62.48	64.01	CC	0	vn 1 w no vis min; vn 2 w no vis min
65.53	67.06	CC	0	w no vis min

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-015
Length (m) 198.12
Log Date 05/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
71.63	73.15	QPY	0	w traces of py diss in qz
73.15	74.68	QZ	0	w no vis min
80.77	82.30	QC	0	no vis min, fizzing along selvs of qz vn and in fracs of qz vn
82.30	83.82	CC	0	bot vns w no vis min
86.87	88.39	QZ	0	in the zone a few mm away from the vn, 2 mm thick continuous (along the vn) clusters of aspy or as diss aspy and py a few mm away from qz vn selvs
88.39	89.92	QS	0	sulph aspy and py in qz-cc strings, in form of euh 0.5-1mm diss aspy and py in vn, selvs and away from vn margs that are ser'zd;
94.49	96.01	QZ	0	4mm thick vfol w no vis min
102.11	103.63	QZ	0	both vn w no vis min
103.63	105.16	QPY	0	w py in vn selvs forming a continuous fg string, also in the zones away from vn margs, in lith
105.16	108.20	QZ	0	musc schist/schistose qtizte, veined by qz and qz-cc hairline and strings, also ser'd around vns and carb'd (strong fizzing, cc in microfracs or as grains?? W fdiss aspy in zones away from vn margs in lith); subordinate calc-silicate unit w no vis min but also veind and fdis of py along qz -cc vn
109.73	117.35	QC	0	after eight is veind (qz-cc hairline and strings but no vis min); only min is fd po along foltn
121.92	123.44	CC	0	vn 1 cc along foltn and fracs
123.44	124.97	CC	0	vn 1 cc along foltn and fracs
126.49	128.02	QPY	0	probably massive vein in musc-chlor-bio schist as most of frags are qz w diss py
128.02	129.54	QCS	0	vn 1 up to 5mm thick qz+/- cc vns w fd aspy and py in selvs and in the zone away from qz-cc vn margs; vn 2 musc+/- chlor and bio schist and chlor-musc-bi-gt(?) schist w cc along foltn and fracs
129.54	131.06	QPY	0	vn 1 either vfol or vn w trace of fd py in selvs or close to selvs; vn2 musc+/- chlor and bio schist and chlor-musc-bi-gt(?) schist w cc along foltn and fracs
134.11	135.64	QPY	0	gyl qz frag w abundant fdiss py
135.64	137.16	QPY	0	w fd py in fracs of qz and vn selvs; vn2 musc+/- chlor and bio schist and chlor-musc-bi-gt(?) schist w cc along foltn and fracs
137.16	143.26	CC	0	musc+/- chlor and bio schist and chlor-musc-bi-gt(?) schist w cc along foltn and fracs
143.26	144.78	QCAS	0	vn 1 qz-cc string/vn w 1mm euh stria aspy; vn 2 cc along foltn and fracs
144.78	146.30	CC	0	2 cc along foltn and fracs
146.30	147.83	QPY	0	vn2 cc along foltn and fracs
152.40	153.92	QCS	0	vn 1 qz-cc strings and vns w fdismnts of py in vn and selvs; vn 2 cc along foltn and fracs
153.92	155.45	CC	0	vn 1 cc along foltn and fracs; vn 2 5mm thick qz vfol w no vis min
155.45	156.97	CC	0	cc along foltn and fracs
156.97	161.54	CC	0	cc along foltn and fracs
161.54	166.12	QCS	0	vn 1 up to 1 mm diss aspy and py in qz strings and hairline fracs; vn 2 cc along foltn and fracs

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-015
Length (m) 198.12
Log Date 05/11/2010

LITHO

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166.12	172.21	CC	0	cc along foltn and frac
172.21	173.74	QZ	0	vn 1 w no vis min; vn 2 cc along foltn and frac
173.74	175.26	CC	0	cc along foltn and frac
176.78	178.31	QPY	0	vn 2 cc along foltn and frac
178.31	181.36	CC	0	vn 1 cc along foltn and frac; vn 2 qz w no vis min
181.36	182.88	QPY	0	likely vns w 1 mm diss py cxls and clusters in vn and selv
182.88	185.93	CC	0	cc along foltn and frac
187.45	188.98	CC	0	w no vis min
190.50	192.02	QCS	0	vn 1 w dis py in vn and along selv; vn 2 cc along foltn and frac
193.55	198.12	QZ	0	no vis min

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project

Gold Dome (Sheelite) - Yukon

Area

Swede

Program

2010

Hole Type

Reverse Circulation

Hole name

GDRC10-016

Length (m)

256.03

Size

4.75

Drill Contractor

Orbit

Drill Rig

MPD1000CSR

Date Started

28/08/2010

Date Finished

31/08/2010

Other Hole name

Swede_SRC_41

Cassing Pulled

Yes

Cassing (m)

3.08

Data Origin

GOD_20110203_DataLoggerExport.xls / KFcova

Data Date

04/02/2011

Data BY

ACald

Logger

Karin Fecova

Log Date

22/10/2010

Target

Hole Comments

survey tools: GPS and compass; surveyed and sampled by Jeff Cary, logged by Karin Fecova; conventional hammer 4 3/4"; casing 6 5/8"

Collar survey Date

Survey By

Jeff Cary

Method

Compass

Survey Notes

Collar coordinates

Grid	Name	x	y	z	Az	Dip
Original	UTM83-8	437,715.47	7,072,207.00	1,467.98	0.00	-90.00
Preferred	UTM83-8	437,715.47	7,072,207.00	1,467.98	0.00	
Local	LOCL_AuDom	4,894.93	8,125.74	1,467.98	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10144052	10/10/2010	219.46	225.55	0
ALS	QC-OK	WH10125508	26/09/2010	0.00	24.38	0
ALS	QC-OK	WH10125509	26/09/2010	24.38	74.68	0
ALS	QC-OK	WH10126941	19/09/2010	74.68	124.97	0
ALS	QC-OK	WH10126949	26/09/2010	225.55	256.03	0
ALS	QC-OK	WH10127640	26/09/2010	175.26	225.55	0
ALS	QC-OK	WH10127641	26/09/2010	124.97	175.26	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC00003	1.52	3.05	2-FDU	0	0.04	4.14	WH10125508
RC00004	30.48	32.00	2-FDU	0	0.02	4.98	WH10125509
RC11450	114.30	115.82	2-FDU	0	0.38	4.94	WH10126941
RC11490	170.69	172.21	2-FDU	0	0.02	2.49	WH10127641
RC11500	184.40	185.93	2-FDU	0	0.04	3.12	WH10127640
RC00005			Blk	0	0.00	0.22	WH10125509
RC00006			Blk	0	0.00	0.48	WH10127640
RC11440			Blk	0	0.00	0.89	WH10126941
RC11480			Blk	0	0.00	0.61	WH10127641
RC11400			SRM_OR-15h	0	1.00	0.06	WH10125509
RC11470			SRM_OR-15h	0	1.02	0.08	WH10127641
RC11540	0.00	0.00	SRM_OR-15h	0	0.98	0.08	WH10126949
RC11380			SRM_OR-16b	0	2.23	0.08	WH10125508
RC11430			SRM_OR-16b	0	2.26	0.07	WH10126941
RC11510			SRM_OR-16b	0	2.03	0.07	WH10127640

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
31	18	39	0	0	0	39	0	0

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDRC10-016

Length (m)	256.03

Log Date 22/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
1.52	RC11369	0.108	0.1	166	12.19	Xqp	Xqp	12.19	FEO	6	PAT	12.19	No Data									
3.05	RC11370	0.023	0.1	110																		
4.57	RC11371	0.018	0.2	117																		
6.10	RC11372	0.009	0.2	241																		
7.62	RC11373	0.065	0.1	250																		
9.14	RC11374	0.022	0.1	210																		
10.67	RC11375	0.011	0.1	112																		
12.19	RC11376	0.012	0.1	62																		
13.72	RC11377	0.053	0.1	281	16.76	Xq		No Data				0.5	LITH									
15.24	RC11378	0.037	0.1	46																		
16.76	RC11379	0.017	0.1	31																		

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-016
Length (m)	256.03
Log Date	22/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
18.29	RC11381	0.19	0.4	395	18.29	Xq		18.29				18.29										
19.81	RC11382	0.086	0.6	216					FEO	6	PAT											
21.34	RC11383	0.015	0.2	141																		
22.86	RC11384	0.023	0.1	157																		
24.38	RC11385	0.025	0.2	205																		
25.91	RC11386	0.038	0.1	257																		
27.43	RC11387	0.034	0.2	183																		
28.96	RC11388	0.009	0.1	92																		
30.48	RC11389	0.083	0.1	509																		
32.00	RC11390	0.024	0.2	146	Xqp	Xqp	30.48					No Data										
33.53	RC11391	0.045	0.2	106																		

Project Gold Dome (Sheelite) - Yukon Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-016
Length (m)	256.03
Log Date	22/10/2010

Assays					Litho			Alteration				Mineralization																
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur						
35.05	RC11392	0.007	0.1	45	44.20			42.67	FEO	4	PAT	39.62																
36.58	RC11393	0.008	0.1	72								41.15																
38.10	RC11394	0.008	0.3	120								47.24	Xqp															
39.62	RC11395	0.026	0.1	65																								
41.15	RC11396	0.007	0.1	14																								
42.67	RC11397	0.006	0.1	14																								
44.20	RC11398	0.022	0.2	528																								
45.72	RC11399	0.018	0.1	203																								
47.24	RC11401	0.115	0.2	1025																								
48.77	RC11402	0.03	0.2	256																								
50.29	RC11403	0.007	0.1	216					FEO	4	PAT																	

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-016
Length (m)	256.03
Log Date	22/10/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDRC10-016

Length (m)	256.03

Log Date 22/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
68.58	RC11415	0.75	4.8	4030	68.58			68.58				68.58										
70.10	RC11416	0.063	1	501	No Data			70.10	No Data			70.10	3.5	LITH	0.5	LITH						
71.63	RC11417	0.027	0.1	95								71.63			No Data							
73.15	RC11418	0.018	0.1	324								73.15										
74.68	RC11419	0.032	0.1	553								74.68			0.5	LITH						
76.20	RC11421	0.017	0.1	257								76.20	Xq	Xqp								
77.72	RC11422	0.034	0.1	77																		
79.25	RC11423	0.073	0.6	314																		
80.77	RC11424	0.023	0.2	380	VNq			80.77														
82.30	RC11425	0.042	0.1	513					FEO	4	PAT											
83.82	RC11426	0.015	0.1	282																		

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
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Hole name GDRC10-016
Length (m) 256.03
Log Date 22/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
85.34	RC11427	0.03	0.1	152	91.44	Xq	Xqp	91.44				91.44										
86.87	RC11428	0.052	0.2	307																		
88.39	RC11429	0.015	0.1	90																		
89.92	RC11431	0.012	0.1	137																		
91.44	RC11432	0.007	0.1	134																		
92.96	RC11433	0.059	0.1	142	97.54	Xqp		99.06		FEO	3	PAT	99.06									
94.49	RC11434	0.016	0.1	91																		
96.01	RC11435	0.018	0.1	58																		
97.54	RC11436	0.05	0.2	351																		
99.06	RC11437	0.008	0.1	37																		
100.58	RC11438	0.03	0.1	164																		
													1.5	LITH								

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-016
Length (m)	256.03
Log Date	22/10/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
102.11	RC11439	0.013	0.1	138	102.11			No Data													
103.63	RC11441	0.123	0.1	66	Xq								No Data								
105.16	RC11442	0.016	0.1	95	Xqp				105.16				105.16								
106.68	RC11443	0.162	0.2	1400	Xqp	Xq		106.68	FEO	4	PAT	106.68		7.5	VN						
108.20	RC11444	0.118	0.3	1440									No Data								
109.73	RC11445	0.183	0.2	310									0.5	LITH							
111.25	RC11446	0.247	1	263										111.25							
112.78	RC11447	0.13	0.5	320									No Data								
114.30	RC11448	0.422	0.3	3210	112.78			No Data													
115.82	RC11449	0.211	0.6	1610												115.82					
117.35	RC11451	0.423	0.2	197											No Data						

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

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Hole name GDRC10-016

Length (m)	256.03

Log Date 22/10/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-016
Length (m)	256.03
Log Date	22/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
135.64	RC11463	0.137	0.5	679	141.73	Xqp		140.21	WM	6	BL	135.64	7.5	LITH	143.26	0.5	LITH					
137.16	RC11464	0.018	0.1	76								137.16										
138.68	RC11465	0.154	0.1	391								No Data	140.21									
140.21	RC11466	0.057	0.1	92																		
141.73	RC11467	0.08	0.1	77										141.73								
143.26	RC11468	0.031	0.1	45	146.30	Xqp		143.26	WM	4	PER	143.26			0.5	LITH						
144.78	RC11469	0.029	0.1	422								No Data	144.78									
146.30	RC11471	0.032	0.1	264										146.30	7.5	VS						
147.83	RC11472	0.053	0.1	824								0.5	LITH	147.83								
149.35	RC11473	0.0025	0.1	158																		
150.88	RC11474	0.034	0.1	704																		

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-016
Length (m)	256.03
Log Date	22/10/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDRC10-016

Length (m)	256.03

Log Date 22/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
169.16	RC11487	0.014	0.1	267	Xqp							No Data										
170.69	RC11488	0.068	0.1	92																		
172.21	RC11489	0.017	0.2	49																		
173.74	RC11491	0.02	0.1	678																		
175.26	RC11492	0.0025	0.1	25																		
176.78	RC11493	0.0025	0.1	22																		
178.31	RC11494	0.011	0.1	169																		
179.83	RC11495	0.018	0.1	156																		
181.36	RC11496	0.017	0.1	32	182.88							182.88										
182.88	RC11497	0.02	0.1	47																		
184.40	RC11498	0.035	0.1	775																		

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDRC10-016

Length (m)	256.03

Log Date 22/10/2010

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur		
185.93	RC11499	0.038	0.1	423	187.45	Xqp						187.45	No Data											
187.45	RC11501	0.035	0.1	696									188.98	0.5		FOL								
188.98	RC11502	0.054	0.1	1200	193.55	Xq		192.02				192.02		No Data										
190.50	RC11503	0.006	0.1	84									192.02	0.5		VN								
192.02	RC11504	0.062	0.1	825				193.55			WM	6		PER	193.55	3.5 LITH 1.5 LITH								
193.55	RC11505	0.409	0.6	1980									No Data											
195.07	RC11506	0.059	0.1	234	196.60	Xqp	Xqp					196.60	No Data											
196.60	RC11507	0.108	0.5	428																				
198.12	RC11508	0.013	0.1	44	No Data			198.12	0.5 FOL															
199.64	RC11509	0.318	0.2	502	201.17	Xq		WM	5	PER		199.64	0.5 VN											
201.17	RC11511	0.209	0.7	468									No Data											

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

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Length (m)	256.03

Log Date 22/10/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator

Program 2010

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Hole name GDRC10-016

Length (m)	256.03

Log Date 22/10/2010

Assays					Litho			Alteration				Mineralization																
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur						
219.46	RC11523	0.008	0.1	103								222.50	0.5	FOL														
220.98	RC11524	0.011	0.1	58																								
222.50	RC11525	0.005	0.2	20															222.50									
224.03	RC11526																		224.03	0.5	VN							
225.55	RC11527	0.01	0.1	59																								
227.08	RC11528	0.025	0.1	80															227.08	0.5	VN							
228.60	RC11529	0.01	0.1	41															228.60	No Data								
230.12	RC11548	0.306	0.1	1875															230.12	3.5	LITH	3.5	VN					
231.65	RC11530	0.01	0.1	131	231.65							231.65																
233.17	RC11531	0.054	0.1	835	Xqp																							
234.70	RC11532	0.022	0.1	244								234.70							234.70	1.5	FOL							

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-016
Length (m) 256.03
Log Date 22/10/2010

Assays					Litho			Alteration				Mineralization							
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite		
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	
	RC11545	0.027	0.1	286	Xq				WM	3	PAT		1.5	VN					
252.98								252.98				252.98							
	RC11546	0.053	0.1	386					No Data				No Data						
254.51								254.51				254.51							
	RC11547	0.018	0.1	153	256.03				WM	3	PAT		3.5	FOL	0.5	VN			
256.03								256.03				256.03							

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
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Hole name GDRC10-016
Length (m) 256.03
Log Date 22/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	12.19	Xqp	0	chlor-bio-musc-fspar-qz schist and musc-bio schist, both oxid on fracs
12.19	16.76	Xq	0	slightly schistose qtzite
16.76	18.29	Xq	0	schistose qz-fspar qtzite w oxid frac surfaces, fspar domint over qz in some frags
18.29	44.20	Xqp	0	musc-bio schist and chlor-bio-musc-fspar-qz schist, sometimes a few frags of musc schist, both oxid on fracs; 90-100 could be +/-gt(?)
44.20	47.24	Xqp	0	skarned? Chlor-gt(?) bio schist
47.24	56.39	Xqp	0	chlor-bio-musc schist +/-andal and gt
56.39	60.96	Xq	0	schistose qtzite w subordinate chlor-musc schist
60.96	64.01	Xq	0	probably the domint is musc schist, but common are also frags of chlor-gt (red-pink and green) schist and musc-bio-andal schist
64.01	68.58	Xqp	0	domint musc schist/schistose qtzite+fspar, perhaps even more fspar than qz (seems to have wh-grgl grains more characteristic of fspar than qz), fracd, cc abundant strong rxn w HCl
74.68	79.25	Xq	0	schistose qtzite and musc-bio-min chl schist, subordinate chlor-bio-musc schist
79.25	80.77	VNq	0	no vis min
80.77	91.44	Xq	0	schistose qtzite and chlor-bio-musc schist 50/50
91.44	102.11	Xqp	0	domint chlor-bio-musc schist; occas frags of musc-bio schist and chlor-gt (green-pink) schist and schistose qtzite
102.11	103.63	Xq	0	musc schist/schistose qtzite domint
103.63	105.16	Xqp	0	chlor-gt(?) schist
105.16	112.78	Xqp	0	domint chlor-musc schist and musc schist subordinate chlor-gt schist and musc qz-fspathic schist
112.78	126.49	Xqp	0	green-red/brown chlor-gt schist and musc qz-fspathic schist w diss aspy and po; also wherever musc picks up +/-andal (seems across foltn) and fine tour need along foltns
126.49	141.73	Xqp	0	chlor-bio-gt-musc schist w occas qz-fspathic layer (5mm thick)
141.73	146.30	Xqp	0	domint qz-fspathic schist w thin layer of musc-bio-+/- tour schist
146.30	150.88	Xqp	0	domint chlor-musc-bio-+/- gt, andal schist and qz-fspathic schist
150.88	160.02	Xqp	0	domint qz-fspathic schist, subordinate chl-gt-bio-musc schist
160.02	182.88	Xqp	0	domint musc-bio-gt-chlor+/-andal schist; failry coarse grain compared to prev schist, actually I can see metamorphic garnets
182.88	187.45	Xqp	0	domint musc-bio-gt-chlor+/-andal schist;
187.45	193.55	Xq	0	musc-ser-gt-bio schist
193.55	196.60	Xqp	0	fairly fine grained gt(?) pink-brown fg min w ser pockets (green-blue); grain size can increase to fmg and transfers into fmg chlor-bio-gt (green-pink/brown) schist;
198.12	201.17	Xq	0	musc-ser-+/-bio, chlor, gt schist
201.17	231.65	Xqp	0	chlor-gt-musc schist w subordinate musc schist

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
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Hole name GDRC10-016
Length (m) 256.03
Log Date 22/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
231.65	234.70	Xqp	0	chlor-musc schist
234.70	243.84	Xqp	0	chlor-bio-gt?-musc schist w subordinate musc-ser-min gt qz-fspathic schist
243.84	249.94	Xq	0	musc domint schist, +/-gt, chlor and bio w subordinate chlor-gt schist
249.94	256.03	Xq	0	eoh; domint musc schist w subordinate chlor-musc-gt schist;

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
42.67	44.20	WM	0	in musc schist
56.39	57.91	WM	0	in musc schist
57.91	62.48	FEO	0	ser altern in musc schist
64.01	68.58	WM	0	not sure but perhaps fspar grains abundant and all grl clour suggesting seritzn
118.87	120.40	WM	0	ser altrn related to qz vn w aspy
140.21	141.73	WM	0	ser assoctd w qz vn
141.73	143.26	WM	0	qz-fspathic schist
192.02	193.55	WM	0	in ser-musc schistose qztite
198.12	201.17	WM	0	in ser-musc schistose qztite
254.51	256.03	WM	0	sert altern restrictd to qz vn w aspy

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
39.62	41.15	PYPO	0	assoctd w chlor in musc-chlor schist
64.01	68.58	AS	0	all min in muscs schist/schistose qtzite; grl clour, fracd, aspy is rare, py diss randomly 0.5-1mm cxls, sometimes in assoctn w chlor, po always w chlor
68.58	70.10	PY	0	min1 and min2 diss bleb po and py along foltn but also randomly in the chlor-bio-musc schist; min3 is musc qz schist
73.15	74.68	PY	0	in schistose qztite
99.06	100.58	PY	0	in musc schist/schistose qtzite
105.16	106.68	AS	0	in oxid vfol(?) 1-2mm aspy euh aggregts
108.20	111.25	PY	0	min1 in both chlor and musc-qz domint schist; min2 po in foltn assoctd w chlor
112.78	115.82	ASPY	0	min1 tends to be in musc qz-fspathic schist, 1-2mm euh stria aspy seem to be diss w no frac vis, py seems to prefer more chlor zones (dk green zones); min2 in chlor-gt schist
117.35	118.87	SUL	0	trace silver sulph in qz

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-016
Length (m) 256.03
Log Date 22/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
118.87	120.40	AS	0	in qz vn selv s assocd w ser altern
121.92	123.44	PY	0	py tends to be diss in qz-fspathic zones (layers?) and po in chlor-gt(?) rich layers
134.11	135.64	PY	0	in qz-fspath (ser?) layers (they are grl)
135.64	137.16	PO	0	assoc w chlor in qz-fspathic layers
141.73	143.26	AS	0	in qz-fspathic layer
146.30	147.83	PY	0	in qz-fspathic zones
192.02	193.55	AS	0	1mm euh stria diss cxls and fine diss-diss py in ser-musc schistose qtzite;
198.12	199.64	PY	0	0.5-1mm py in frac s of vn and vn selv s
202.69	205.74	PY	0	prefers musc schist as 0.5-1mm diss cxls, in chlor-gt rather as fd diss along foltn
224.03	227.08	PYPO	0	py in vfol
228.60	230.12	AS	0	1mm cxls,aggr, diss aspy in vn, selv s and away from marg s; min2 0.5 mm diss py in musc domint schistose qtzite
230.12	231.65	SUL	0	qz strng cuts across foltn w 0.5 mm occas undiff sulph blackih-dk grey along frac s in vn
240.79	242.32	AS	0	qz-10% mg cc vn w 1-2mm euh aspy cxlts in aggr; 0.5mm py along vn selv s
245.36	246.89	AS	0	both aspy and po as diss in musc domint schist
251.46	252.98	PY	0	in selv s w ser halo
254.51	256.03	AS	0	aspy in qz vn selv s; py fdiss in musc schist foltn

VEINS

mFrom	mTo	Vein1	Relog	Comments
38.10	39.62	QI	0	no vis min
70.10	71.63	QZ	0	w no vis min
74.68	76.20	QI	0	no vis min
88.39	89.92	QI	0	no vis min
97.54	99.06	QZ	0	4 mm thick vfol w no vis min
105.16	106.68	CC	0	vn3 is with aspy aggre s
108.20	115.82	CC	0	w rare silver sulph?
115.82	118.87	CC	0	w rare silver sulph?
118.87	121.92	CC	0	sulph are aspy in vn selv s and py blebs in vn
121.92	123.44	QZ	0	w no vis min
140.21	141.73	QWS	0	sulph are occas aspy and py
144.78	146.30	QCS	0	w py bl in string and hair frac s and zone away from marg s
147.83	152.40	QZ	0	no vis min; cc stronger in qz-fspathic layers (in microfrac s domint)

Project Gold Dome (Sheelite) - Yukon
Area Swede

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-016
Length (m) 256.03
Log Date 22/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
152.40	161.54	QCL	0	no vis min; cc stronger in qz-fspathic layers (in microfracs domint)
172.21	182.88	QZ	0	tr-1% py in selvs; cc stronger in qz-fspathic layers (in microfracs domint)
182.88	190.50	QZ	0	cc in microfracs, generally there is a trend that stronger microfracturing=rxn w HCl is in qz-fspathic frags and eveidently weaker in chlo-gt and the weakest in musc rich schist; so qz-fspathic will express as 15% cc microfracs, weaker as 5% cc and the weakest as 2% cc
198.12	199.64	QPY	0	w diss py in frags of vn and vn selvs
224.03	227.08	QPY	0	3mm thick vfol w diss py in vn and selvs
228.60	230.12	QAS	0	vn1 in chlor-gt-musc schist
230.12	231.65	QS	0	qz strng cuts across foltn w 0.5 mm occas undiff sulph blackih-dk grey along frags in vn
231.65	233.17	QZ	0	no vis min
233.17	240.79	QZ	0	no vis min
240.79	242.32	QCS	0	qz-10% mg cc vn w 1-2mm euh aspy cxlts in aggr
245.36	246.89	QZ	0	no vis min
251.46	252.98	QPY	0	w ser halo and py in halo
254.51	256.03	QAS	0	vn2 w no vis min; vn1 w narrow ser halo

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Hawthorne

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-017

Length (m) 198.12

Size 5.125

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 01/09/2010

Date Finished 03/09/2010

Other Hole name HAW_SRC_47

Cassing Pulled Yes

Cassing (m) 3.08

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Target

Log Date 03/11/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Tyler Bourne, logged by Shane Carlos; conventional hammer 5 1/8"; casing 6 5/8"

Collar survey Date

Survey By Tyler Bourne

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	438,412.72	7,072,429.50	1,516.28	0.00	-90.00
Preferred	UTM83-8	438,412.72	7,072,429.50	1,516.28	0.00	
Local	LOCL_AuDom	5,545.29	7,790.04	1,516.28	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10126945	25/09/2010	170.69	198.12	0
ALS	QC-OK	WH10126946	26/09/2010	120.40	170.69	0
ALS	QC-OK	WH10126947	26/09/2010	70.10	120.40	0
ALS	QC-OK	WH10126948	29/09/2010	19.81	70.10	0
ALS	QC-OK	WH10126949	26/09/2010	0.00	19.81	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC11560	13.72	15.24	2-FDU	0	0.33	5.46	WH10126949
RC11580	41.15	42.67	2-FDU	0	0.23	4.40	WH10126948
RC11620	96.01	97.54	2-FDU	0	0.18	4.68	WH10126947
RC11650	137.16	138.68	2-FDU	0	0.04	5.50	WH10126946
RC11691	193.55	195.07	2-FDU	0	0.07	4.72	WH10126945
RC11550			Blk	0	0.00	0.44	WH10126949
RC11570			Blk	0	0.00	0.49	WH10126948
RC11610			Blk	0	0.00	0.29	WH10126947
RC11640			Blk	0	0.02	0.41	WH10126946
RC11680			Blk	0	0.00	0.48	WH10126945
RC11630	0.00	0.00	SRM_OR-15h	0	1.02	0.09	WH10126947
RC11590	0.00	0.00	SRM_OR-16b	0	2.26	0.08	WH10126948
RC11660	0.00	0.00	SRM_OR-16b	0	2.23	0.08	WH10126946

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
15	15	28	0	0	0	29	0	0

Hole name	GDRC10-017
Length (m)	198.12
Log Date	03/11/2010

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-017
Length (m)	198.12
Log Date	03/11/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
18.29	RC11562	0.908	22.7	4030	33.53	Lith1	Lith2	33.53	Alt1	Alt1 Int	Alt1 Form	No Data										
19.81	RC11563	0.176	2.2	1760																		
21.34	RC11564	0.215	0.7	1860																		
22.86	RC11565	0.146	0.8	1300																		
24.38	RC11566	0.153	0.1	1330																		
25.91	RC11567	0.022	0.2	460																		
27.43	RC11568	0.01	0.1	557																		
28.96	RC11569	0.066	0.1	726																		
30.48	RC11571	0.051	0.2	530																		
32.00	RC11572	0.034	0.2	925																		
33.53	RC11573	0.398	0.4	2500																		

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-017
Length (m)	198.12
Log Date	03/11/2010

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Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-017
Length (m)	198.12
Log Date	03/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
51.82	RC11586	0.03	0.1	308	Xq				WM	4	PER	60.96	62.48	64.01	65.53	67.06	0.5	LITH				
53.34	RC11587	0.023	0.1	477																		
54.86	RC11588	0.006	0.1	40																		
56.39	RC11589	0.031	0.1	455																		
57.91	RC11591	0.049	0.1	244																		
59.44	RC11592	0.03	0.2	501																		
60.96	RC11593	0.005	0.1	47																		
62.48	RC11594	0.028	0.1	256																		
64.01	RC11595	0.03	0.1	546																		
65.53	RC11596	0.019	0.1	630																		
67.06	RC11597	0.054	0.1	369																		

Hole name	GDRC10-017
Length (m)	198.12
Log Date	03/11/2010

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-017
Length (m)	198.12
Log Date	03/11/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur		
85.34	RC11611	0.104	0.1	1455								No Data											
86.87	RC11612	0.029	0.1	667																			
88.39	RC11613	0.051	0.1	983																			
89.92	RC11614	0.162	0.1	1640																			
91.44	RC11615	0.01	0.1	348																			
92.96	RC11616	0.047	0.1	334																			
94.49	RC11617	0.005	0.1	41																			
96.01	RC11618	0.139	0.1	1940								WM	5	PER				0.5		VN			
97.54	RC11619	0.159	0.1	1375								No Data				No Data							
99.06	RC11621	0.033	0.1	264								WM	4	PAT				1.5		LITH			
100.58	RC11622	0.058	0.1	962									No Data										

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-017
Length (m) 198.12
Log Date 03/11/2010

Assays					Litho			Alteration				Mineralization																					
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur												
102.11	RC11623	0.009	0.1	102	Xqp							102.11	No Data																				
	RC11624	0.012	0.1	209									103.63																				
103.63	RC11625	0.136	0.1	543								106.68		No Data																			
105.16	RC11626	0.019	0.1	112																													
RC11627	1.21	0.1	2350	108.20																													
108.20	RC11628	0.023	0.1																					331									
109.73	RC11629	0.038	0.1	126									112.78											No Data									
111.25	RC11631	0.069	0.1	231																													
112.78	RC11632	0.02	0.1	284																													
114.30	RC11633	0.036	0.1	232																													
115.82	RC11634	0.252	0.1	1360	117.35																												
117.35																																	

Golden Predator
Program 2010
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Hole name	GDRC10-017
Length (m)	198.12
Log Date	03/11/2010

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Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-017
Length (m)	198.12
Log Date	03/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
135.64	RC11647	1.35	0.1	394	140.21			140.21				137.16										
137.16	RC11648	0.642	0.3	1990																		
138.68	RC11649	0.287	1	1480																		
140.21	RC11651	0.109	0.1	748																		
141.73	RC11652	0.228	1	2610	143.26	Xq	Xqp					141.73										
143.26	RC11653	0.06	0.2	567																		
144.78	RC11654	0.035	0.1	229	150.88				WM	4	PAT	146.30										
146.30	RC11655	0.174	0.3	1490																		
147.83	RC11656	0.035	0.3	315																		
149.35	RC11657	0.032	0.1	505																		
150.88	RC11658	0.019	0.1	273																		

Golden Predator
Program 2010
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Hole name	GDRC10-017
Length (m)	198.12
Log Date	03/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
152.40	RC11659	0.044	0.1	389	152.40			152.40				152.40										
153.92	RC11661	0.023	0.1	137	156.97	Xqp	Xq	156.97				156.97	No Data									
155.45	RC11662	0.209	0.1	2400									0.5 LITH									
156.97	RC11663	0.024	0.1	285																		
158.50	RC11664	0.01	0.1	139																		
160.02	RC11665	0.031	0.1	349																		
161.54	RC11666	0.478	0.1	2080									No Data									
163.07	RC11667	0.029	0.1	132	163.07	Xq	166.12					166.12	No Data									
164.59	RC11668	0.041	0.1	481	Xqp																	
166.12	RC11669	0.019	0.1	331																		
167.64	RC11670	0.056	0.1	619	167.64	Xq																

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-017
Length (m)	198.12
Log Date	03/11/2010

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Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-017
Length (m) 198.12
Log Date 03/11/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
185.93	RC11684	0.155	0.1	1110	Xqp			No Data				188.98									
187.45	RC11685	0.025	0.1	229																	
188.98	RC11686	0.008	0.1	125																	
190.50	RC11687	0.198	0.1	965										0.5	VS1						
192.02	RC11688	0.013	0.1	311				192.02				3.5	VN1								
193.55	RC11689	0.024	0.1	356				193.55	WM	4	PAT										
195.07	RC11690	0.211	0.2	657				No Data				35	VN1								
196.60	RC11692	0.089	0.1	600					196.60												
198.12	RC11693	0.099	0.7	2370				198.12	WM	5	PAT		0.5	VN	0.5	LITH					

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
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Hole name GDRC10-017
Length (m) 198.12
Log Date 03/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	33.53	Xqp	0	muscovite-chlorite+-biotite schist, and up to 40% quartz, locally up to 60% quartz. (Minerals are listed in order of most abundant to least abundant).
33.53	38.10	Xqp	0	chlorite-muscovite+-biotite schist, with up to 30% quartz
38.10	48.77	Xqp	0	chlorite-muscovite+-biotite schist, with up to 40-50% quartz
48.77	67.06	Xq	0	quartz-muscovite-sericite+-(chlorite,biotite) schist/micaceous quartzite, the alteration has destroyed most of the biotites and chlorites and is in general up to 70-80% equigranular quartz
67.06	140.21	Xqp	0	muscovite-chlorite+-biotite schist, with up to 40-50% quartz
140.21	143.26	Xq	0	quartz-muscovite sericite schist/micaceous quartzite, however within the unaltered schists in places they become very quartz rich as well but if not for the dark grey colour they may be called quartzite, when the real change is just the alteration of the unit to a light colour
143.26	152.40	Xqp	0	muscovite-chlorite schist with ~30% quartz
152.40	161.54	Xqp	0	chlorite-muscovite+-biotite schist, with ~30-40% quartz and ~5-10% biotite, Also, some minor quartzite, apparently as 1cm layers in the schist.
161.54	163.07	Xq	0	quartz-chlorite-muscovite schist/micaceous quartzite
163.07	166.12	Xqp	0	muscovite-chlorite schist with ~30% quartz
166.12	167.64	Xq	0	quartz-muscovite-chlorite schist/micaceous quartzite, ~80% quartz with well spaced foliation planes defined by micas/chlorites
167.64	170.69	Xqp	0	muscovite-chlorite schist, with about 30% quartz
170.69	173.74	Xq	0	quartz-muscovite-sericite schist/micaceous quartzite, quartz up to 70-80% of unit, and ~10% of chlorite-muscovite schist (partly sericite altered)
173.74	182.88	Xqp	0	chlorite-muscovite schist, quartz is variable but mostly maybe 20%
182.88	198.12	Xqp	0	quartz-chlorite-muscovite+-biotite schist, quartz varies in individual clasts from quartz~30-45%, to quartz ~10%, also disseminated pyrrhotite throughout section as fine aggregates aligned with foliation. End of Hole.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
0.00	33.53	FEO	0	orange iron oxide, permeates rock and forms coatings on fracture surfaces
33.53	39.62	FEO	0	orange iron oxide
48.77	67.06	WM	0	light yellowish-green sericite
70.10	71.63	WM	0	trace light yellowish-green sericite alteration
94.49	96.01	WM	0	light greenish sericite alteration
123.44	124.97	WM	0	light yellowish-green sericite

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-017
Length (m) 198.12
Log Date 03/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
126.49	128.02	WM	0	light yellowish-green sericite
132.59	134.11	WM	0	light yellowish-green sericite rare among rock 'chips'
140.21	152.40	WM	0	light yellowish-green sericite, patchy to pervasive, ie. Some clasts are only partly sericitically altered
169.16	170.69	WM	0	just 2-3 'chips' are sericitized, so about 5% of interval
170.69	175.26	WM	0	light yellowish-green sericite within this quartz unit
179.83	181.36	WM	0	light greenish sericite in ~25% of 'chips'
192.02	193.55	WM	0	light greenish sericite in about 5% of 'chips'
196.60	198.12	WM	0	light greenish sericite associated with disseminated pyrite and quartz vein

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
41.15	48.77	PO	0	aligned along foliation
60.96	62.48	PO	0	aligned along foliation
62.48	64.01	AS	0	trace with the sericite alteration
67.06	74.68	PO	0	aligned along foliations
94.49	96.01	AS	0	arsenopyrite restricted to sericite alteration halo and vein
108.20	112.78	PO	0	aligned along foliation
115.82	117.35	PO	0	aligned along foliation
126.49	128.02	PY	0	pyrite associated with light yellowish-green sericite alteration
146.30	152.40	PO	0	trace pyrrhotite and trace pyrite
153.92	156.97	PY	0	trace pyrite in a few rock 'chips'
169.16	172.21	AS	0	up to 5% arsenopyrite in 2 clasts with sericite alteration
175.26	178.31	PY	0	some rare 'rock chips' with mostly pyrite and very trace arsenopyrite
178.31	179.83	PO	0	pyrrhotite and pyrite both trace
179.83	181.36	AS	0	up to 6% arsenopyrite in the sericite altered 'chips' which are ~25% of interval
181.36	182.88	PO	0	aligned with foliation
184.40	188.98	PO	0	aligns with foliation
188.98	190.50	AS	0	about 1% arsenopyrite along vein
192.02	193.55	PO	0	follows foliation
193.55	195.07	PY	0	Po follows foliations
195.07	196.60	PO	0	occurring along foliations
196.60	198.12	PY	0	arsenopyrite is rare, Po is along foliations

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-017
Length (m) 198.12
Log Date 03/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

VEINS

mFrom	mTo	Vein1	Relog	Comments

13.72	18.29	QZ	0	no visible sulphides
60.96	62.48	QCL	0	equigranular quartz
73.15	74.68	CC	0	trace calcite veining
74.68	76.20	QPO	0	equigranular quartz
92.96	94.49	CC	0	along fracture surfaces
94.49	96.01	QCP	0	quartz with arsenopyrite
96.01	99.06	QCAS	0	calcite is the carbonate mineral
109.73	111.25	QPO	0	equigranular quartz, trace pyrrhotite
123.44	124.97	QW	0	no visible mineralization. 'chips' are up to 4mm thick
129.54	131.06	QCL	0	not equigranular like other chlorite-quartz veining
131.06	132.59	CC	0	trace calcite on fractures
137.16	138.68	QPY	0	minor pyrite
140.21	141.73	QWS	0	quartz-sericite-pyrite and trace arsenopyrite
144.78	146.30	QPY	0	15% py in rock 'chip'
158.50	160.02	QCLS	0	very trace chlorite and trace steel grey needles of what has been called jamesonite or boulangerite embedded in the quartz matrix
164.59	167.64	QCWM	0	1cm wide vein with very narrow sericite selvage, alteration of chlorite-muscovite wall
169.16	170.69	QCL	0	with very rare pyrite and rare chlorite
175.26	176.78	QZ	0	>1cm size quartz veins with chlorite along edges and trace sericite
181.36	182.88	QCCL	0	calcite is the carbonate present
182.88	184.40	QC	0	equigranular quartz parallel to foliation with 3% arsenopyrite. The wall rock is a more biotite rich, chlorite poor version of the lithology
184.40	188.98	QCL	0	equigranular quartz
188.98	190.50	QWA	0	with no sericite halo, and trace calcite in vein
190.50	192.02	QC	0	granular quartz with trace calcite and ~3% arsenopyrite
193.55	195.07	QCS	0	quartz-calcite-pyrite stringer with no sericite alteration halo, and granular quartz veins with no visible mineralization
196.60	198.12	QZ	0	white to clear quartz with very trace py +arsenopyrite

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-017
Length (m) 198.12
Log Date 03/11/2010

LITHO				
mFrom	mTo	Lith1	Relog	Comments
STRUCTURES				
mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Rudolph

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-018

Length (m) 210.31

Size 5.125

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 03/09/2010

Date Finished 07/09/2010

Other Hole name RdIf_SRC_019

Cassing Pulled Yes

Cassing (m) 6.12

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Karin Fecova

Log Date 18/10/2010

Target

Hole Comments survey tools: GPS and compass; surveyed and sampled by Tyler Bourne, logged by Karin Fecova; conventional hammer 4 3/4"; casing 6 5/8"

Collar survey Date

Survey By Tyler Bourne

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	440,772.38	7,072,443.00	1,054.14	0.00	-90.00
Preferred	UTM83-8	440,772.38	7,072,443.00	1,054.14	0.00	
Local	LOCL_AuDom	7,223.10	6,131.32	1,054.00	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10126942	26/09/2010	123.44	173.74	0
ALS	QC-OK	WH10126943	23/09/2010	73.15	123.44	0
ALS	QC-OK	WH10126944	25/09/2010	22.86	73.15	0
ALS	QC-OK	WH10126945	25/09/2010	0.00	22.86	0
ALS	QC-OK	WH10134987	03/10/2010	173.74	210.31	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC11740	65.53	67.06	2-FDU	0	0.14	4.79	WH10126944
RC11770	106.68	108.20	2-FDU	0	0.02	3.88	WH10126943
RC11810	163.07	164.59	2-FDU	0	0.10	4.85	WH10126942
RC11840	204.22	205.74	2-FDU	0	0.06	3.86	WH10134987
RC11730			Blk	0	0.00	0.53	WH10126944
RC11750			Blk	0	0.00	0.50	WH10126943
RC11800			Blk	0	0.00	0.32	WH10126942
RC11820			Blk	0	0.00	0.42	WH10134987
RC00007			SRM_OR-15h	0	1.02	0.08	WH10126945
RC11760			SRM_OR-15h	0	1.00	0.08	WH10126943
RC11830			SRM_OR-15h	0	1.04	0.08	WH10134987
RC11720			SRM_OR-16b	0	2.25	0.07	WH10126944
RC11790			SRM_OR-16b	0	2.16	0.09	WH10126942

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
36	18	65	0	0	0	49	0	0

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-018
Length (m) 210.31
Log Date 18/10/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
1.52	RC11694	0.026	0.1	541		Xq	Xqp		FEO	4	PAT												
3.05	RC11695	0.021	0.1	487																			
4.57	RC11696	0.012	0.1	661																			
6.10	RC11697	0.008	0.1	145		Xqp	Xp																
7.62	RC11698	0.025	0.1	745																			
9.14	RC11699	0.02	0.1	1000		Xqp	Xqp					9.14											
10.67	RC11700	0.005	0.1	92		Xqp						10.67											No Data
12.19	RC11701	0.005	0.1	35	Xqp		12.19					1.5											VN
13.72	RC11702	0.01	0.1	813			13.72																
15.24	RC11703	0.019	0.1	613			15.24					1.5											HAIR
16.76	RC11704	0.006	0.1	129			16.76					No Data											

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-018
Length (m)	210.31
Log Date	18/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
18.29	RC11705	0.048	0.1	895	18.29	Xq		18.29	WM	4	PER	18.29	1.5	LITH								
19.81	RC11706	0.005	0.2	40	19.81	Xp		19.81	No Data			19.81	No Data									
21.34	RC11707	0.039	0.1	987	21.34	Xq		21.34	WM	4	PER	21.34	0.5	FOL								
22.86	RC11708	0.124	0.1	1390				22.86	22.86	22.86	0.5	FOL	1.5	FRA								
24.38	RC11709	0.219	0.4	3440	24.38	Xq		24.38	FEO	4	PAT	24.38	0.5	LITH	0.5	LITH						
25.91	RC11710	0.31	0.3	1410																		
27.43	RC11711	0.037	0.2	470																		
28.96	RC11712	0.022	0.2	185																		
30.48	RC11713	0.064	0.6	526																		
32.00	RC11714	0.102	0.1	1000	32.00			32.00				32.00	1.5	LITH	0.5	VN						
33.53	RC11715	0.031	0.3	113																		
						Xq			WM	4	PER		No Data									

Golden Predator
Program 2010
Logger Karin Fecova

Log Date 18/10/2010

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur		
35.05	RC11716	0.085	0.6	334								35.05												
36.58	RC11717	0.015	0.2	97								36.58	36.58	1.5	VS									
38.10	RC11718	0.017	0.1	114	Xqp			39.62				No Data												
39.62	RC11719	0.129	0.2	654									39.62											
41.15	RC11721	0.05	0.4	1020	Xq								No Data											
42.67	RC11722	0.05	0.3	357										42.67	WM	4	PER							
44.20	RC11723	0.055	0.3	697										No Data										
45.72	RC11724	0.059	0.2	1080											45.72									
47.24	RC11725	0.039	0.2	303												FEO	4	PAT	1.5	VS				
48.77	RC11726	0.127	0.6	1400											48.77									
50.29	RC11727	0.108	0.2	568																				

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-018
Length (m)	210.31
Log Date	18/10/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
51.82	RC11728	0.029	0.2	328	62.48	Xq		57.91	WM	4	PER	51.82	No Data								
53.34	RC11729	0.432	0.2	2570								53.34									
54.86	RC11731	0.083	0.3	951								57.91	No Data								
56.39	RC11732	0.231	1	3680									59.44	No Data							
57.91	RC11733	0.095	0.4	1020										57.91							
59.44	RC11734	0.349	1.9	3860										59.44							
60.96	RC11735	0.079	1	820								60.96	0.5	FOL							
62.48	RC11736	0.318	1	1810	62.48	3.5	VS														
64.01	RC11737	0.243	1.4	1310	64.01	Xqp		No Data				64.01									
65.53	RC11738	0.545	1.5	2880	65.53	Xq	BXq	67.06	WM	4	PER	65.53	3.5	FRA							
67.06	RC11739	0.139	1	484								67.06	0.5	LITH1							

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-018
Length (m) 210.31
Log Date 18/10/2010

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur		
68.58	RC11741	0.158	0.3	1310		Xq	Xqp																	
70.10	RC11742	0.019	0.1	227																			No Data	No Data
71.63	RC11743	0.023	0.1	192																			71.63	71.63
73.15	RC11744	0.05	0.3	1250		Xq			FEO	3	PAT		0.5	FOL										
74.68	RC11745	0.076	0.4	831																			74.68	74.68
76.20	RC11746	0.188	2.3	1275				76.20																
77.72	RC11747	0.284	0.3	2460																			No Data	No Data
79.25	RC11748	0.13	0.3	459																			7.5	STR
80.77	RC11749	0.047	0.3	595																			15	FRA
82.30	RC11751	0.04	0.1	253																			No Data	No Data
83.82	RC11752	0.032	0.1	573																			Xq	Xqp

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDRC10-018

Length (m) 210.31

Log Date 18/10/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-018
Length (m) 210.31
Log Date 18/10/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC11765	0.204	0.4	3550		Xqp									75	FRA						
102.11												102.11										
	RC11766	0.257	0.3	2890																		
103.63					103.63							103.63										
	RC11767	0.322	3.5	2560																		
105.16						Xq			No Data			105.16										
	RC11768	0.242	0.5	2070																		
106.68					106.68																	
	RC11769	0.034	0.1	321																		
108.20																						
	RC11771	0.026	0.1	220									No Data									
109.73																						
	RC11772	0.076	0.1	628																		
111.25																						
	RC11773	0.046	0.1	511		Xqp																
112.78												112.78										
	RC11774	0.023	0.1	262									0.5	VN								
114.30												114.30										
	RC11775	0.045	0.2	264																		
115.82																						
	RC11776	0.024	0.1	431																		
117.35					117.35			117.35					No Data									

Hole name	GDRC10-018
Length (m)	210.31
Log Date	18/10/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur						
118.87	RC11777	0.02	0.1	450	Xq			123.44	WM	4	PER	No Data											
120.40	RC11778	0.099	0.4	1185								120.40											
121.92	RC11779	0.1	0.1	786								121.92											
123.44	RC11780	0.033	0.1	316								123.44	0.5	FOL									
124.97	RC11781	0.07	0.4	798	Xqp							No Data											
126.49	RC11782	0.042	0.2	449								126.49	0.5	VN									
128.02	RC11783	0.063	0.1	906								No Data											
129.54	RC11784	2.65	0.4	4340														129.54					
131.06	RC11785	0.11	0.3	2140														131.06					
132.59	RC11786	0.07	0.1	1640								132.59	0.5	VN									
134.11	RC11787	0.254	0.7	3750								134.11											

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-018
Length (m)	210.31
Log Date	18/10/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-018
Length (m) 210.31
Log Date 18/10/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
152.40	RC11801	0.265	0.1	3580	155.45	Xqp						152.40							
153.92	RC11802	0.772	1.1	2790								153.92	No Data						
155.45	RC11803	0.027	0.1	227								155.45							
156.97	RC11804	0.029	0.3	388	166.12	Xq	Xqp					156.97	No Data						
158.50	RC11805	0.047	0.1	588								158.50	1.5	LITH					
160.02	RC11806	0.047	0.1	362								160.02							
161.54	RC11807	0.03	0.1	493								161.54	No Data						
163.07	RC11808	0.164	0.4	2590								163.07		3.5	LITH				
164.59	RC11809	0.113	0.1	1405								164.59	1.5	LITH					
166.12	RC11811	0.1	0.1	1080								166.12	No Data						
167.64	RC11812	0.138	0.8	1375								167.64							

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-018
Length (m) 210.31
Log Date 18/10/2010

Assays					Litho			Alteration				Mineralization												
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite							
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur				
169.16	RC11813	0.098	0.2	1660	170.69	Xq	Xqp	No Data				169.16												
170.69	RC11814	0.07	0.2	1260								170.69			0.5	VN								
172.21	RC11815	0.025	0.1	592	Xq		172.21																	
173.74	RC11816	0.054	0.1	991								173.74												
175.26	RC11817	0.066	0.1	447								No Data												
176.78	RC11818	0.101	0.2	1240																				
178.31	RC11819	0.156	0.4	4400								178.31												
179.83	RC11821	0.197	0.1	4920								179.83	1.5	LITH	3.5	VS								
181.36	RC11822	0.108	0.4	1790								181.36												
182.88	RC11823	0.058	0.1	1130								182.88	0.5	LITH										
184.40	RC11824	0.037	0.1	910	Xqp	Xq	184.40					1.5	VS	3.5	VS									

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-018
Length (m) 210.31
Log Date 18/10/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)	(ppm)	(ppm)	(ppm)	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC11825	0.04	0.1	889									No Data									
185.93																						
	RC11826	0.1	0.4	1260																		
187.45																						
	RC11827	0.037	0.2	599																		
188.98																						
	RC11828	0.074	0.3	701									No Data									
190.50																						
	RC11829	0.033	0.2	515																		
192.02																						
	RC11831	0.084	0.3	980	195.07								No Data									
193.55																						
	RC11832	0.204	0.1	644																		
195.07																						
	RC11833	0.074	0.1	1180																		
196.60																						
	RC11834	0.099	0.1	1820																		
198.12																						
	RC11835	0.059	0.3	951																		
199.64																						
	RC11836	0.132	0.3	1020																		
201.17																						

Hole name	GDRC10-018
Length (m)	210.31
Log Date	18/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
202.69	RC11837	0.063	0.3	326	210.31	Xq	Xqp	207.26				207.26	0.5	VN								
204.22	RC11838	0.047	0.1	1090																		
205.74	RC11839	0.05	0.2	726																		
207.26	RC11841	0.042	0.1	272																		
208.79	RC11842	0.069	0.2	2640				210.31	WM	4	PAT	208.79	0.5	VN	3.5	VS						
210.31	RC11843	0.109	0.2	1335													210.31	210.31	210.31	0.5	LITH	

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-018
Length (m) 210.31
Log Date 18/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	4.57	Xq	0	muscl schist and chlor-bio-gt(?) schist
4.57	7.62	Xqp	0	muscl-chlor schist and phyl (vfg muscl-chlor foltd rock)
7.62	9.14	Xqp	0	muscl-bio(1mm needles, brown, soft, randomly orientd in foltn plane) schist and muscl-chlor schist
9.14	10.67	Xqp	0	muscl-ser-chlor-gt (lt pink) schist
10.67	16.76	Xqp	0	muscl-chlor schist
16.76	18.29	Xq	0	muscl-ser schist/schistose qtzite w 1-2% diss py in lith, fractd and qz hairline w aspy and py
18.29	19.81	Xp	0	vfg phyllite
19.81	22.86	Xq	0	schistose qtzite/muscl-ser schist w diss py
22.86	30.48	Xq	0	schistose qtzite/muscl-ser schist w diss py; w 2% 2 mm tabular wh fspar (?)
30.48	36.58	Xq	0	schistose qtzite/muscl-ser schist w diss py;
36.58	39.62	Xqp	0	chlor-muscl-bio schist, now w qz-fspar 50/50 (otherwise commonly qz rich)
39.62	42.67	Xq	0	muscl-ser schist
42.67	62.48	Xq	0	muscl schist/schistose qtzite
62.48	64.01	Xqp	0	chlor-muscl schist
64.01	65.53	Xq	0	some frags are qz breccia (w more vfd py along frac surfaces), some frags are strong ser altrd muscl schist (schistose qtzite)
65.53	71.63	Xq	0	ser-muscl schist and chlor domnt -muscl schist
71.63	74.68	Xq	0	schistose qtzite/muscl-ser schist
74.68	91.44	Xq	0	ser-muscl schist and chlor-bt-muscl schist
91.44	92.96	Xq	0	ser-muscl schist
92.96	94.49	Xqp	0	chlor-muscl-bio schist
94.49	99.06	Xq	0	ser-muscl schist
99.06	103.63	Xqp	0	muscl-ser-chlor-bio (1 mm long needles, brown, randmly orientd in foltn plane) schist
103.63	106.68	Xq	0	muscl-ser schist/schistose qtzite
106.68	117.35	Xqp	0	chlor-muscl schist
117.35	123.44	Xq	0	ser-muscl schist
123.44	134.11	Xqp	0	chlor-muscl-bio schist,
134.11	138.68	Xq	0	ser-muscl schist
138.68	146.30	Xqp	0	chlor-muscl-bio schist
146.30	149.35	Xq	0	ser-muscl schist
149.35	155.45	Xqp	0	chlor-muscl schist
155.45	166.12	Xq	0	muscl-ser >>chlor schist (this what could be called a schistose qtzite, has commonly observed under the microscope white fspar? Grains they vary in content from 20-50%, no schistose qtzite is completely pure qtzite, but contains these 0.5 mm fspar white gr

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-018
Length (m) 210.31
Log Date 18/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
166.12	167.64	Xq	0	as prev but seems to have abundant veining compared to prev
167.64	170.69	Xq	0	as prev but as as veined as prev
170.69	172.21	Xq	0	musc schist/schistose qtzite
172.21	195.07	Xqp	0	chlor-musc-bio schist and schistose qtzite
195.07	210.31	Xq	0	musc-ser schist/schistose qtzite and chlor-musc-bio schist

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
0.00	7.62	FEO	0	oxitn on frac surfaces
16.76	18.29	WM	0	due to abundant fracs and qz hairlines
64.01	67.06	WM	0	ser in ser-musc schist
71.63	76.20	FEO	0	ser altern in musc-ser schist
89.92	91.44	WM	0	in ser-musc schist
91.44	92.96	WM	0	in ser-musc schist
137.16	138.68	WM	0	in ser-musc schist
138.68	140.21	WM	0	ser in vn margs
207.26	210.31	WM	0	ser altern restricted to qz strings and vns and rare min (py) in ser halo

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
7.62	9.14	ASPY	0	min1 in 3 mm qz vn w 2% 1-2mm aggr of aspy and py in selv, no halo; min2 seems to be disseminated in lith1 (musc schist)
10.67	12.19	PY	0	1mm fresh py foil on qz vn surfs and in selv
13.72	15.24	PY	0	hairline frac filled w qz along folt w 2% 1 mm py in hairl
21.34	22.86	PY	0	min 2 in fracs of qz
27.43	28.96	ASPY	0	min1 in oxid vn, 1mm bleby aspy and py; min 2 1 mm py in selv of vfol
28.96	30.48	PYPO	0	min 1 in selv of meta qz
45.72	48.77	PY	0	1 mm py
51.82	53.34	ASPY	0	1 mm aspy and py in lith
57.91	59.44	ASPY	0	1 mm aspy and py in lith
60.96	64.01	PY	0	1 mm py in selv
64.01	65.53	PY	0	min 2 in fracs of qz vns and qz breccia?

Project Gold Dome (Sheelite) - Yukon
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Golden Predator
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Length (m) 210.31
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LITHO

mFrom	mTo	Lith1	Relog	Comments
65.53	67.06	PY	0	min 1 in vn and selvs, 1-2 mm cubes; min2 1 mm diss in lith1
79.25	80.77	PY	0	min 1 in frac of musc-ser schist
82.30	83.82	PY	0	min1 1mm py diss in ser schist
83.82	86.87	PY	0	1mm dis py in ser schist
97.54	99.06	AS	0	in 2-3mm fracture (stringer)
100.58	102.11	AS	0	fra is 2 mm strings
103.63	105.16	ASPY	0	in musc schist
121.92	123.44	PY	0	in musc schist
124.97	126.49	AS	0	1 mm dis aspy in vn
129.54	131.06	ASPY	0	in musc schist (subordinate unit)
131.06	132.59	AS	0	tr aspy in qz
132.59	134.11	ASPY	0	along frac in the host
134.11	135.64	ASPY	0	in frac of musc schist
147.83	149.35	PY	0	tr py in lith
156.97	158.50	PY	0	1 mm py diss in musc schist/schistose qtzite
161.54	163.07	AS	0	1 mm diss aspy in schistose qtzite
163.07	164.59	PY	0	1 mm py cubes diss in schistose qtzite
166.12	167.64	ASPY	0	aspy and py 1mm in size diss in schistose qtzite (or is it actually qzose part of the schist?, also very likely)
167.64	169.16	ASPY	0	0.5-1 mm py and aspy in qz
169.16	170.69	AS	0	likey vn w 1 mm euh stria aspy in vn
170.69	172.21	ASPY	0	1 mm euh aspy and py diss in musc schist
172.21	173.74	ASPY	0	0.5-1 mm diss aspy and py in qz
178.31	179.83	AS	0	min1 in qz selv 2 mm stria aspy cxls, aggr ox cxls; min2 is 1 mm py cubes in schistose qtzite
181.36	182.88	PY	0	0.5-1mm py in musc schist
182.88	184.40	AS	0	1-2mm aspy and py in selvs, away from selvs and in vn
187.45	188.98	ASPY	0	1mm aspy and py
195.07	201.17	PY	0	in frac of musc schist
201.17	205.74	PO	0	in chlor rich parts; in frac of vns
207.26	208.79	AS	0	aspy in vn, selvs and ser halo;
208.79	210.31	PY	0	min 1 qz string w ser halo and 1% 1mm py in halo;

VEINS

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-018
Length (m) 210.31
Log Date 18/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
mFrom	mTo	Vein1	Relog	Comments
7.62	9.14	QS	0	3 mm qz vn w 2% 1-2mm aggr of aspy and py in selvs, no halo
10.67	12.19	QPY	0	qz-chlor w py in selvs and in qz
13.72	15.24	QPY	0	harline frac filled w qz along folt w 2% 1 mm py in hairl
16.76	18.29	QWS	0	vn1 w 5% 1 mm aspy and py
27.43	28.96	QI	0	vn 1 w 2% aspy and py; vn2 is vfol 4 mm thick, w py in selvs, no halo
28.96	30.48	QZ	0	vfol about 3mm thick w py and po in selvs
35.05	36.58	QPY	0	vfol is 3 mm thick w py in selvs,ser margs
36.58	39.62	QI	0	vfol are chlor+iron oxid
45.72	48.77	QI	0	vfol are 7mm thick w py in selvs
48.77	50.29	QS	0	sulph are 2% 1 mm aspy and py
57.91	59.44	QI	0	strongly iron oxid qz string no vis min
60.96	64.01	QIS	0	vfol are 4mm thick vn w diss py in slvs; strong oxid qz strings
77.72	79.25	QPY	0	vn1 w 10% bl of py, strongl oxid vn
89.92	91.44	QIS	0	sulp are 1 mm py in fracs of vn
97.54	99.06	SUL	0	aspy and py filled fracture 2-3mm thick
100.58	102.11	SUL	0	sulph is aspy filling the ffrac, 2mm thick
112.78	114.30	QPY	0	vn1 w 1 mm cube py in vn; vn2 3 mm thick vfol no vis min
115.82	117.35	QCL	0	vfol is 1 cm thick, chlor
120.40	121.92	QS	0	sulp are 1 mm aspy and py
123.44	124.97	QZ	0	5mm thick no vis min
137.16	138.68	QI	0	w py in selvs
138.68	140.21	QZ	0	no vis min, ser margs
143.26	144.78	QIS	0	w aspy and py fd and in bl
144.78	146.30	QPY	0	py likely in selvs
167.64	169.16	QS	0	sulph are py>aspy
169.16	170.69	QAS	0	likey vn w 1 mm euh stria aspy in vn
172.21	173.74	QS	0	sulp are aspy and py
178.31	179.83	QAS	0	aspy in selv
182.88	184.40	QS	0	3mm thick qz vn w 1 mm aspy and py in selvs, away of selvs and in vn
187.45	188.98	QS	0	sulph are aspy and py in qz
202.69	205.74	QPY	0	w py in fracs of vns
205.74	207.26	QW	0	vn1 w no vis min; vn2 likely "vn" w bl of py in vn and selvs
207.26	208.79	QAS	0	vn 1 is w 1-2mm aspy stria euh in vn and selvs w ser halo; vn2 is w py in vn

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-018
Length (m) 210.31
Log Date 18/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
208.79	210.31	QZ	0	qz string w ser halo and 1% 1mm py in halo

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator

Program 2010
Hole Type Reverse Circulation

Hole name GDRC10-019
Length (m) 176.83
Size 4.75

Drill Contractor Orbit
Drill Rig MPD1000CSR
Date Started 04/09/2010
Date Finished 08/09/2010

Other Hole name HARVEY-008
Cassing Pulled Yes
Cassing (m) 6.12

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova
Data Date 04/02/2011
Data BY ACald

Logger Shane Carlos
Target

Log Date 18/10/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Tyler Bourne, logged by Shane Carlos; conventional hammer 4 3/4"; casing 6 5/8"

Collar survey Date

Survey By Tyler Bourne

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,250.00	7,072,850.00	1,541.00	0.00	-90.00
Preferred	UTM83-8	439,250.00	7,072,850.00	1,541.00	0.00	
Local	LOCL_AuDom	6,434.67	7,495.33	1,541.00	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10131213	30/09/2010	50.29	100.58	0
ALS	QC-OK	TR10131214	01/10/2010	100.58	150.88	0
ALS	QC-OK	TR10131217	01/10/2010	150.88	176.78	0
ALS	QC-OK	WH10127643	23/09/2010	0.00	50.29	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC20030	39.62	41.15	2-FDU	0	30.40	4.18	WH10127643
RC20060	80.77	82.30	2-FDU	0	0.10	4.49	TR10131213
RC20100	135.64	137.16	2-FDU	0	0.13	3.78	TR10131214
RC20010			Blk	0	0.00	0.24	WH10127643
RC20040			Blk	0	0.00	0.28	TR10131213
RC20080			Blk	0	0.00	0.40	TR10131214
RC20020			SRM_OR-15h	0	0.97	0.08	WH10127643
RC20090			SRM_OR-15h	0	1.00	0.08	TR10131214
RC20050			SRM_OR-16b	0	2.27	0.07	TR10131213
RC20120			SRM_OR-16b	0	2.21	0.07	TR10131217

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
20	19	17	0	0	0	28	0	0

Golden Predator
Program 2010
Logger Shane Carlos

Length (m) 176.83

Log Date 18/10/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
1.52	RC20001	0.023	0.1	128	1.52	Xq		1.52	FEO	5	PER	No Data										
3.05	RC20002	0.086	0.2	155		Xqp			FEO	4	PAT											
4.57	RC20003	0.085	0.2	143	4.57			4.57														
6.10	RC20004	0.02	0.1	401	6.10	Xqp			No Data													
7.62	RC20005	0.055	0.1	401				7.62														
9.14	RC20006	0.011	0.1	145																		
10.67	RC20007	0.0025	0.1	70																		
12.19	RC20008	0.005	0.1	48		Xqp			FEO	2	PAT											
13.72	RC20009	0.042	0.1	125																		
15.24	RC20011	0.053	0.2	172				15.24														
16.76	RC20012	0.0025	0.2	65				16.76	FEO	3	PER											

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-019
Length (m)	176.83
Log Date	18/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
18.29	RC20013	0.054	0.1	328	18.29			18.29	FEO	2	PER											
19.81	RC20014	0.049	0.1	806	19.81	Xqp		19.81	FEO	5	PER											
21.34	RC20015	0.019	0.1	236																		
22.86	RC20016	0.024	0.1	185								22.86										
24.38	RC20017	0.013	0.1	57								24.38										
25.91	RC20018	0.012	0.1	68								No Data										
27.43	RC20019	0.014	0.1	43																		
28.96	RC20021	0.017	0.4	71																		
30.48	RC20022	0.01	0.1	30									30.48									
32.00	RC20023	0.042	0.1	389	32.00	CLY	6															
33.53	RC20024	0.038	0.2	309		33.53																

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-019
Length (m)	176.83
Log Date	18/10/2010

[illegible]

Golden Predator
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Logger Shane Carlos

Hole name	GDRC10-019
Length (m)	176.83
Log Date	18/10/2010

[illegible]

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-019
Length (m)	176.83
Log Date	18/10/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur			
68.58	RC20049	0.404	0.7	2220								No Data													
70.10	RC20051	0.291	0.5	2810																			No Data	70.10	
71.63	RC20052	0.083	0.2	1065																					
73.15	RC20053	0.032	0.3	340								73.15	73.15												
74.68	RC20054	0.056	0.2	1465										CLY	4	PAT									
76.20	RC20055	0.336	0.1	2030																					
77.72	RC20056	0.518	0.4	2470																					
79.25	RC20057	0.191	0.1	2500																				Xqp	Xq
80.77	RC20058	0.259	0.2	1845																					
82.30	RC20059	0.042	0.2	225																					
83.82	RC20061	0.167	0.2	1425	No Data																				

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
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Hole name	GDRC10-019
Length (m)	176.83
Log Date	18/10/2010

Assays					Litho			Alteration				Mineralization																													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur																			
85.34	RC20062	0.03	0.3	400																																					
86.87	RC20063	0.141	2	3190																																					
88.39	RC20064	0.343	2.7	3800																																		0.5	LITH	7.5	VN
89.92	RC20065	0.137	0.8	705																																					
91.44	RC20066	0.057	0.2	499																		91.44	91.44	91.44	15	VN															
92.96	RC20067	0.378	2.8	3590	Xq			WM	3	PAT	92.96	3.5	VN	0.5	VN																										
94.49	RC20068	0.117	1	2450	Ip	Xqp																																			
96.01	RC20069	0.111	1.3	2290																		No Data	94.49	96.01	No Data	0.5	VN	0.5	VN1												
97.54	RC20070	0.132	2	2090																																					
99.06	RC20071	0.817	1.3	1715																		1.5	VN1	0.5	VN1																
100.58	RC20072	0.104	0.3	1575																																					

Golden Predator
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[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
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Hole name GDRC10-019
Length (m) 176.83
Log Date 18/10/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur				
118.87	RC20086	0.013	0.1	86	124.97	lp		118.87				No Data													
120.40	RC20087	0.043	0.1	61				120.40	WM	3	PER														
121.92	RC20088	0.032	0.1	282																					
123.44	RC20089	0.526	0.8	605																					
124.97	RC20091	0.016	0.1	606																					
126.49	RC20092	0.185	0.1	1165	lp	Xqp		126.19																	
128.02	RC20093	0.036	0.1	275				126.49	No Data																
129.54	RC20094	0.654	0.7	1080																					
131.06	RC20095	0.062	0.2	720												131.06									
132.59	RC20096	3.77	3.5	3410												132.59									
134.11	RC20097	0.35	0.2	919																					
								134.11																	

Golden Predator
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Length (m) 176.83

Log Date 18/10/2010

[illegible]

Golden Predator
Program 2010
Logger Shane Carlos

Length (m) 176.83

Log Date 18/10/2010

[illegible]

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-019
Length (m)	176.83
Log Date	18/10/2010

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
169.16	RC20122	0.165	1.1	608	176.78	lp		176.78	CC	4	PER											
170.69	RC20123	0.104	0.2	387																		
172.21	RC20124	0.054	0.1	662																		
173.74	RC20125	0.03	0.1	67																		
175.26	RC20126	0.068	0.5	152																		
176.78	RC20127	0.007	0.1	63																		

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-019
Length (m) 176.83
Log Date 18/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	1.52	Xq	0	quartz-muscovite schist/micaceous quartzite, primarily fine granular quartz, with fine white muscovite differentiated into fine layers
1.52	4.57	Xqp	0	quartz-muscovite-chlorite schist
4.57	6.10	Xqp	0	quartz-muscovite-chlorite-biotite schist, biotite occurs as porphyroblastic 'blobs' evenly spaced on some of the foliation planes, biotite is a reddish brown colour. (Minerals are listed in order of most abundant to least abundant.)
6.10	18.29	Xqp	0	quartz-muscovite-chlorite-biotite schist, quartz is granular, biotite is minor
18.29	19.81	Xqp	0	quartz-muscovite-sericite schist. Green sericite along quartz vein frags
19.81	30.48	Xqp	0	quartz-muscovite+-chlorite+-biotite schist, granular qtz., biotite is more abundant than previous as immediately noticeable in dark grey colour, and chlorite becomes the dominant mineral in some clasts
30.48	33.53	Xqp	0	quartz-muscovite+-biotite, with abundant clay alteration minerals
33.53	60.96	Xqp	0	quartz-muscovite-chlorite+-biotite schist, +- calcite throughout section as fracture/vein fillings and inbetween grains.
60.96	65.53	Xqp	0	quartz-muscovite-sericite+-biotite schist, minor biotite, sericite appears to be replacing white fine-grained muscovite
65.53	91.44	Xqp	0	quartz-muscovite-chlorite+-biotite+-sericite+-calcite schist. Biotite is very reddish brown here. Also a few fragments of biotite poor quartz-muscovite schist/micaceous quartzite. Quartz in quartzite is typically fg granular throughout. Minor calcite s
91.44	92.96	Xq	0	Quartz-muscovite-sericite schistose quartzite. Most 'chips' are highly pyritized and are just quartz and sericite layers. Also, minor tourmaline as ~1/4mm elongate, prismatic, translucent, light brown, hard, euhedral crystals. Larger size crystals were se
92.96	96.01	lp	0	intrusive is finely brecciated with some intact quartz grains. The matrix is a light brown alteration mineral.
96.01	111.25	lp	0	315-350 feet, green sericite overprints feldspars. ~15% biotite, well formed 'books', -5% calcite interstitial to larger grains, ~35-45% quartz, clear, crystalline, ~45-35% feldspars, white ,up to 3% of the biotites are altered to chlorite, either partia
111.25	124.97	lp	0	~15% biotite, well formed 'books', -5% calcite interstitial to larger grains, ~35-45% quartz, clear, crystalline, ~45-35% feldspars, white ,up to 3% of the biotites are altered to chlorite, either partially or completely, also some very rare, <0.5% white
124.97	134.11	lp	0	~15% biotite, well formed 'books', -5% calcite interstitial to larger grains, ~35-45% quartz, clear, crystalline, ~45-35% feldspars, white ,up to 3% of the biotites are altered to chlorite, either partially or completely. A greater portion of white musc

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-019
Length (m) 176.83
Log Date 18/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
134.11	161.54	Ip	0	~15% biotite, well formed 'books', -5% calcite interstitial to larger grains, ~35-45% quartz, clear, crystalline, ~45-35% feldspars, white ,up to 3% of the biotites are altered to chlorite, either partially or completely, also some very rare, <0.5% white
161.54	163.07	Xqp	0	Most of the interval is a dark grey unit that has a similar look to the schists, however the biotites are unusually elongate and have no preferred orientation. The granitoid is still present but is minor. IP (granitoid): ~15% biotite, well formed 'books';
163.07	164.59	Ip	0	~15% biotite, well formed 'books', -5% calcite interstitial to larger grains, ~35-45% quartz, clear, crystalline, ~45-35% feldspars, white ,up to 3% of the biotites are altered to chlorite, either partially or completely, also some very rare, <0.5% white
164.59	166.12	Xqp	0	Most of the interval is a dark grey unit that has a similar look to the schists, however the biotites are unusually elongate and have no preferred orientation. The granitoid is still present but is minor. IP (granitoid): ~15% biotite, well formed 'books',
166.12	176.78	Ip	0	~15% biotite, well formed 'books', -5% calcite interstitial to larger grains, ~35-45% quartz, clear, crystalline, ~45-35% feldspars, white ,up to 3% of the biotites are altered to chlorite, either partially or completely, also some very rare, <0.5% white

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
0.00	1.52	FEO	0	surficial oxidaton pervasive within the muscovite
1.52	4.57	FEO	0	orange oxide, leaving unaltered green, chloritic cores
18.29	19.81	FEO	0	grey to white, pure clay, 1% (few small smears and blobs), green sercite as halo to qtz vein fragment
30.48	32.00	CLY	0	gritty grey clay makes up 50% of the RC-chips
38.10	39.62	CLY	0	grey clay makes up to~40% of the collected material
60.96	65.53	WM	0	light yellowish-greenish sericite
73.15	74.68	CLY	0	about 10% light grey clay blobs in tray
91.44	92.96	WM	0	fine greenish sericite overprinting muscovite layers between quartz
96.01	106.68	WM	0	greenish tinted fine muscovite overprinting feldspars, calcite interstitial to other mineral grains.
106.68	118.87	CC	0	calcite interstitial to other mineral grains
118.87	120.40	WM	0	calcite interstitial to grains
120.40	126.19	CC	0	calcite interstitial to other grains
126.49	143.26	WM	0	green sericite altered anhedral feldspar grains, at least 1 grain per tray, locally higher concentration of sericite grains, amongst unaltered, 'fresh' IP, grantoid. And pervasive calcite.

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
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Hole name GDRC10-019
Length (m) 176.83
Log Date 18/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
143.26	163.07	CC	0	calcite
163.07	164.59	WM	0	green sericite
164.59	176.78	CC	0	calcite interstitial to grains in intrusive

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
22.86	24.38	PO	0	magnetic
39.62	41.15	PO	0	~1% boulangerite as vfg needles embedded in qtz., vfg arsenopyrite diss in vein, fine pyrite grains, up to 4% indistinguishable vfg greyish mineral diss in qtz and along surfaces in qtz.
41.15	44.20	PO	0	magnetic response is stronger than previous mineralization interval
45.72	51.82	PO	0	weak magnetic response,
51.82	60.96	AS	0	trace sulfides, in quartz, at least 6 veins
60.96	62.48	AS	0	jamesonite or boulangerite, very trace amount, a grey-black mineral coating quartz vein
62.48	64.01	SUL	0	fine dark grey hairline sulphide/sulphosalt in rose vein
64.01	67.06	PY	0	least 1 vein in each 5 foot tray interval
86.87	88.39	AS	0	arsenopyrite also in selvages of vein, other rock here is devoid of arsenopyrite
89.92	91.44	PY	0	up to 5% locally in vein
91.44	92.96	AS	0	aspy is scales on quartz surfaces
97.54	105.16	PY	0	trace sulphide throughout
131.06	132.59	JAM	0	dark grey to black elongate crystals, 'needles',

VEINS

mFrom	mTo	Vein1	Relog	Comments
0.00	1.52	QZ	0	least one fragment of white non-granular, (as distinguished from granular schist) quartz
4.57	6.10	QZ	0	least one grain of non-granular quartz
9.14	10.67	QZ	0	white to clear transparent quartz
10.67	12.19	QZ	0	clear transparent quartz
15.24	16.76	QZ	0	only two grains over interval
18.29	19.81	QZ	0	very minor bladed grey mineral in quartz, colour similar to boulangerite
19.81	21.34	CC	0	calcite on microfractures
24.38	25.91	QZ	0	granular with sericite on edges
27.43	28.96	QZ	0	least one fragment of a fine granular quartz

Project Gold Dome (Sheelite) - Yukon
Area Harvey

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Length (m) 176.83
Log Date 18/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
39.62	41.15	QS	0	~1% boulangerite as vfg needles embedded in qtz., vfg arsenopyrite diss in vein, fine pyrite grains, up to 4% indistinguishable vfg greyish mineral diss in qtz and along surfaces in qtz.
41.15	44.20	QZ	0	minor Po in the quartz pieces, calcite along fractures and as hairline veins
45.72	51.82	QS	0	trace arsenopyrite and pyrite diss. in least 4 veins
51.82	60.96	QS	0	very minor trace arsenopyrite and pyrite in wh quartz, least 6 veins
62.48	64.01	QC	0	pale rose quartz or calcite thoroughly intergrown, minor dark grey sulphide/sulphosalt hairline within rose vein
64.01	65.53	QS	0	trace pyrite in veins
65.53	67.06	QPY	0	minor pyrite on veins
70.10	71.63	QCL	0	little chlorite in the vein
77.72	79.25	QW	0	fine green sericite internal to qz vein
79.25	80.77	QAS	0	calcite in wallrock as well, quartz with 1% arsenopyrite coatings on fractures and surfaces
86.87	88.39	QS	0	with sericite halos, and disseminated arsenopyrite
88.39	89.92	QCL	0	minor Po in vein
89.92	91.44	QCLS	0	pyrite up to 5% locally disseminated in veins
91.44	92.96	QS	0	fg granular quartz veining, arsenopyrite and abundant pyrite
94.49	96.01	QS	0	trace arsenopyrite and pyrite
96.01	97.54	QS	0	pyrite and arsenopyrite and trace chalcopyrite
129.54	132.59	QZ	0	least two veins in two 5 foot intervals, similar veins, last vein has a dark grey sulphosalt, identified as probably jamesonite or boulangerite.

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Harvey

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-020

Length (m) 144.81

Size 5.125

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 07/09/2010

Date Finished 09/09/2010

Other Hole name RdIf_SRC_020

Cassing Pulled Yes

Cassing (m) 12.24

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Karin Fecova

Target

Log Date 16/10/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Tyler Bourne, logged by Karin Fecova; conventional hammer 5 1/8"; casing 6 5/8"

Collar survey Date

Survey By Tyler Bourne

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	440,805.59	7,072,349.00	1,044.52	0.00	-90.00
Preferred	UTM83-8	440,805.59	7,072,349.00	1,044.52	0.00	
Local	LOCL_AuDom	7,180.38	6,041.10	1,044.52	45.00	
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10134987	03/10/2010	0.00	13.72	0
ALS	QC-OK	WH10134988	03/10/2010	13.72	64.01	0
ALS	QC-OK	WH10134989	02/10/2010	64.01	114.30	0
ALS	QC-OK	WH10135030	01/10/2010	114.30	144.78	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC11880	50.29	51.82	2-FDU	0	0.09	5.26	WH10134988
RC11910	92.96	94.49	2-FDU	0	0.05	4.94	WH10134989
RC11870			Blk	0	0.01	0.46	WH10134988
RC11920			Blk	0	0.01	0.50	WH10134989
RC11900			SRM_OR-15h	0	1.00	0.08	WH10134989
RC11860			SRM_OR-16b	0	2.29	0.08	WH10134988
RC11930			SRM_OR-16b	0	2.19	0.08	WH10135030

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
29	11	42	0	0	0	38	0	0

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-020
Length (m)	144.81
Log Date	16/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
1.52	RC11844	0.06	0.1	852	1.52	Xq		1.52	FEO	2	PAT	No Data										
3.05	RC11845	0.057	0.1	627	Xq			6.10	FEO	3	PER											
4.57	RC11846	0.089	0.1	738																		
6.10	RC11847	0.032	0.1	562																		
7.62	RC11848	0.07	0.1	670	Xqp	Xq	7.62	FEO	2	PER												
9.14	RC11849	0.014	0.1	550	Xqp			15.24					12.19									
10.67	RC11850	0.006	0.1	313																		
12.19	RC11851	0.036	0.1	901																		
13.72	RC11852	0.012	0.2	126																		
15.24	RC11853	0.012	0.1	42																		
16.76	RC11854	0.777	0.4	2800	Xqp			16.76				16.76			0.5	VS						

Golden Predator
Program 2010
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Hole name	GDRC10-020
Length (m)	144.81
Log Date	16/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
18.29	RC11855	0.335	0.2	1420	25.91	Xqp			FEO	2	PER	22.86	No Data									
19.81	RC11856	0.053	0.1	396								24.38	1.5	VN								
21.34	RC11857	0.023	0.1	262								25.91										
22.86	RC11858	0.054	0.1	429																		
24.38	RC11859	0.041	0.1	551																		
25.91	RC11861	0.445	0.1	2470																		
27.43	RC11862	0.302	0.9	2710	30.48	Xq						3.5 LITH										
28.96	RC11863	0.491	2.1	4220																		
30.48	RC11864	0.156	1.3	784																		
32.00	RC11865	0.162	0.9	1230	33.53	Xq						1.5	LITH	0.5	LITH							
33.53	RC11866	0.195	1.1	1640																		

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
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Length (m) 144.81
Log Date 16/10/2010

Assays					Litho			Alteration				Mineralization								
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite			
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur
	RC11867	0.323	0.8	3260																
35.05																				
	RC11868	0.217	2.1	2690																
36.58					36.58			36.58				36.58								
	RC11869	0.087	0.2	1920		Xqp								3.5	VN					
38.10					38.10							38.10								
	RC11871	0.196	0.5	1290																
39.62								No Data				39.62								
	RC11872	0.171	1	2100		Xqp							0.5	VN						
41.15												41.15								
	RC11873	0.467	0.5	2360										No Data						
42.67					42.67			42.67				42.67								
	RC11874	0.409	0.7	7540		Xqp			WM	5	PAT		1.5	LITH	3.5	VS				
44.20					44.20			44.20				44.20								
	RC11875	0.212	0.2	2740					WM	4	PER			3.5	VS					
45.72						Xq		45.72				45.72								
	RC11876	0.373	0.2	2470					No Data											
47.24					47.24			47.24				47.24								
	RC11877	0.15	0.5	1560		Xq			WM	4	PER									
48.77					48.77			48.77					3.5	FOL2						
	RC11878	0.19	0.9	1300		Xqp	Xqp													
50.29					50.29							50.29								

Project Gold Dome (Sheelite) - Yukon
Area Harvey

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Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC11879	0.121	0.5	628	51.82		Xqp					57.91										
	RC11881	0.099	0.2	1390																		
	RC11882	0.218	0.2	2050																		
					57.91	Xqp	Xqp					57.91										
	RC11883	0.051	0.1	776																		
	RC11884	0.031	0.1	822																		
					59.44	Xqp	Xqp					59.44										
	RC11885	0.065	0.1	1430																		
	RC11886	2.22	0.1	530																		
					60.96							60.96										
	RC11887	0.143	0.2	1840																		
	RC11888	0.021	0.1	258																		
					62.48							62.48										
	RC11889	0.088	0.1	484																		
	RC11890	0.072	0.1	563																		
					64.01	Xqp						64.01										
					65.53							65.53										
					67.06							67.06										

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Area Harvey

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Assays					Litho		Alteration			Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur
68.58	RC11891	0.014	0.1	253	68.58			No Data									
70.10	RC11892	0.173	0.1	2140	Xqp							No Data					
71.63	RC11893	0.044	0.1	758													
73.15	RC11894	0.304	0.1	1650	Xqp							73.15					
74.68	RC11895	0.058	0.1	452	Xqp							74.68					
76.20	RC11896	0.024	0.1	508								No Data					
77.72	RC11897	0.032	0.1	994													
79.25	RC11898	0.116	0.2	745	Xqp							79.25					
80.77	RC11899	0.082	0.1	1570	Xqp							1.5 FOL 0.5 LITH					
82.30	RC11901	0.212	0.6	2590									82.30				
83.82	RC11902	0.22	1	5000								1.5 VN					

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Area Harvey

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Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur						
85.34	RC11903	0.438	0.5	2440	85.34							85.34	1.5	VN									
86.87	RC11904	0.045	0.1	791	86.87	Xqp						86.87		1.5	VN								
88.39	RC11905	0.119	0.4	2430	88.39	Xqp		88.39				88.39	No Data										
89.92	RC11906	0.177	0.2	909			89.92	WM	4	PAT	89.92		1.5	VS									
91.44	RC11907	0.301	0.5	1370	91.44	Xqp	Xq	91.44	WM	4	PAT	91.44	3.5	FOL	1.5	VS							
92.96	RC11908	0.042	0.1	574								92.96											
94.49	RC11909	0.018	0.3	500								No Data											
96.01	RC11911	0.062	0.1	346	96.01																		
97.54	RC11912	0.036	0.1	279																			
99.06	RC11913	0.073	0.2	737							99.06	0.5	VS	3.5	VS								
100.58	RC11914	0.079	0.1	562							100.58	Xqp	Xqp										

Project Gold Dome (Sheelite) - Yukon
Area Harvey

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Log Date 16/10/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC11915	0.101	0.1	1360		Xqp	Xqp															
102.11												102.11										
	RC11916	0.047	0.1	840									No Data									
103.63												103.63										
	RC11917	0.044	0.1	249																		
105.16												105.16										
	RC11918	0.24	0.5	2690																		
106.68					106.68								No Data									
	RC11919	0.087	0.3	654																		
108.20						Xqp						108.20										
	RC11921	0.598	0.5	1800																		
109.73					109.73							109.73										
	RC11922	0.379	0.1	2180									No Data									
111.25												111.25										
	RC11923	3.14	0.6	1000									0.5	FOL	3.5	VS						
112.78												112.78										
	RC11924	0.023	0.1	183									1.5	FRA								
114.30												114.30										
	RC11925	0.043	0.1	290									No Data									
115.82												115.82										
	RC11926	0.026	0.1	682		Xqp	Xp															
117.35								117.35				117.35										

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Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur			
	RC11927	0.076	0.2	3420					WM	4	PAT				3.5	FRA					
118.87								118.87				118.87									
	RC11928	0.024	0.1	428								No Data									
120.40																					
	RC11929	0.044	0.2	1000																	
121.92					121.92																
	RC11931	0.035	0.1	325		1.5	FOL														
123.44					123.44							123.44									
	RC11932	0.048	0.1	1470																	
124.97																					
	RC11933	0.122	0.1	531																	
126.49																					
	RC11934	0.378	0.5	951																	
128.02																					
	RC11935	0.102	0.2	1020																	
129.54												129.54									
	RC11936	0.093	0.1	792				No Data													
131.06																					
	RC11937	0.134	0.2	1710																	
132.59																					
	RC11938	0.24	0.2	666																	
134.11												134.11									

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-020
Length (m) 144.81
Log Date 16/10/2010

Assays					Litho			Alteration				Mineralization												
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite			
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur				
	RC11939	0.083	0.1	567								No Data												
135.64												135.64												
	RC11941	0.383	0.1	1430									0.5		VS									
137.16												137.16												
	RC11942	0.057	0.1	1050								No Data												
138.68												138.68												
	RC11943	0.023	0.1	415								35		HAIR										
140.21												140.21												
	RC11944	0.066	0.2	817								No Data												
141.73												141.73												
	RC11945	0.022	0.2	334								3.5		VS										
143.26												143.26												
	RC11946	0.061	0.1	689					WM	5	PER													
144.78								144.78																

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-020
Length (m) 144.81
Log Date 16/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	1.52	Xq	0	muscovite schist (schistose Qtzite)
1.52	6.10	Xq	0	muscovite schist (schistose Qtzite), some frags seem unoxid, some oxid
6.10	7.62	Xqp	0	bio schist w meta qz and musc-oxid porphyrobl(?) schist
7.62	15.24	Xqp	0	chlor domint schist (Qtzose phyllite)
15.24	16.76	Xqp	0	as prev unit
16.76	25.91	Xqp	0	chlor>musc schist
25.91	30.48	Xq	0	schistose Qtzite
30.48	36.58	Xq	0	schistose Qtzite, loc gritty (poorly sorted)
36.58	38.10	Xqp	0	chlor>musc schist
38.10	42.67	Xqp	0	bio minor-musc schist (schistose Qtzite)
42.67	44.20	Xqp	0	chlor>musc schist
44.20	47.24	Xq	0	ser-musc schist/schistose Qtzite
47.24	48.77	Xq	0	musc schist/schistose Qtzite
48.77	50.29	Xqp	0	musc domint schist and chlor-musc-ser schist/schistose Qtzite
50.29	57.91	Xqp	0	chlor domint -musc schist
57.91	60.96	Xqp	0	musc>chlor schist and musc-chlor-andal schist
60.96	68.58	Xqp	0	bio min-musc schist/schistose Qtzite; bio in form of 0.5mm long needles across foltn, sometimes c plane subll w foltn;
68.58	71.63	Xqp	0	chlor domint-musc-min bio schist
71.63	73.15	Xqp	0	musc domint-chlor schist
73.15	77.72	Xqp	0	gt(pink fg)-dio(?) light green-musc schist, loc overprint by bio needles; skarned; gt and dio in foltn planes; I wonder if this litho (espec fg garnet) is a foundation for formation of overprinting bio
77.72	79.25	Xqp	0	musc-ser-chlor schist
79.25	85.34	Xqp	0	fg musc schist
85.34	86.87	Xqp	0	chlor-musc-ser-andal schist
86.87	89.92	Xqp	0	ser musc schist, min chlor
89.92	94.49	Xqp	0	chlor domint and ser-musc domint schist
94.49	106.68	Xqp	0	chlor domint-musc-ser schist, local minor bio in musc domint-chlor schist
106.68	109.73	Xqp	0	chlor domint-musc-min bio schist w 2% aquamarine blue porphyroblasts (?), up to 2 mm, prismatic (rounded, squared in cross section), likely cordierite, very hard to scratch w knife
109.73	123.44	Xqp	0	chlor-musc-bio schist and min phyl (vfg musc)/schistose Qtzite
123.44	144.78	Xqp	0	eh; chlor-musc-bio (minor) schist and musc-chlor-bio schist

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-020
Length (m) 144.81
Log Date 16/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

ALTERATION

mFrom	mTo	Lith1	Relog	Comments

1.52	6.10	FEO	0	some frags oxid, some frags unoxid
42.67	44.20	WM	0	ser altrn restrictd to vn and their selv s w aspy mineralzn
88.39	89.92	WM	0	ser restricted to vn
89.92	92.96	WM	0	as prev
117.35	118.87	WM	0	ser assoctd w cc and aspy

MINERALISATION

mFrom	mTo	Min1	Relog	Comments

38.10	39.62	PO	0	po likely replacing minor bio flakes
47.24	50.29	ASPY	0	min 3 along foltn in chl>muscl-ser schist
65.53	67.06	AS	0	aspy euh 2-3 mm cxl in vn assoctd w ser pockets
73.15	74.68	PO	0	po in vn, and selv s
85.34	86.87	AS	0	euh 2 mm stria aspy cxls in vn
88.39	89.92	AS	0	po assoctd w chlor; aspy assoctd w ser
99.06	100.58	PYPO	0	po and py coating surfaces fd continuous foil, likely filling originally microfracs
100.58	102.11	PO	0	po assoctd w chlor
103.63	105.16	PO	0	po assoctd w chlor
108.20	109.73	ASPY	0	aspy and py filling hairline fractures
111.25	112.78	AS	0	aspy in form of 3-5mm cxls,aggrs of cxls, striated faces
112.78	114.30	PY	0	py in fracs of vn and fracs of lith
115.82	117.35	PYPO	0	in fracs and microfracs of lith
117.35	118.87	AS	0	aspy diss along microfracs, seems to have abundant cc too
129.54	131.06	POCP	0	in fracs of lith
132.59	134.11	PO	0	po in fracs of lith
138.68	140.21	PY	0	w chlor in hairline frac

VEINS

mFrom	mTo	Vein1	Relog	Comments

3.05	6.10	QZ	0	meta qz (greasy luster)
6.10	7.62	QI	0	meta qz (greasy luster); white fg filling along foliation has no rxn w HCl-albite?

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-020
Length (m) 144.81
Log Date 16/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
9.14	10.67	QZ	0	meta qz (greasy lustre) w cc in frac of qz
12.19	13.72	QZ	0	lacks greasy lustre, w 1 0.5mm flake of aspy; cc in frac of vein
15.24	16.76	QAS	0	qz vn 3mm thick, no halo, w 1% 1mm euh striatd aspy in selv
36.58	38.10	QAS	0	not sure if meta qz or not
39.62	41.15	QPY	0	meta qz or not?
44.20	47.24	QAS	0	qz vn w ser halo and ser and cc in frac+dis-aggr aspy minzn
47.24	50.29	QAS	0	qz w scorod-ser patches, blebs, filling vugs aspy flakes-1mm euh stria cxls in vn
92.96	94.49	QCL	0	1 cm qz vn w chlor frags
100.58	102.11	QCL	0	w po
103.63	105.16	QCL	0	w po
117.35	118.87	QCL	0	cc seem to be assoctd w diss aspy and ser altrn
138.68	140.21	CL	0	w 50% py
141.73	143.26	QCS	0	w chlor and py in selvs and microfrasc of vn

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Rudolph

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-021

Length (m) 198.17

Size 4.75

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 07/09/2010

Date Finished 11/09/2010

Other Hole name HARVEY-009

Cassing Pulled No

Cassing (m) 9.18

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Karin Fecova

Log Date 17/10/2010

Target

Hole Comments survey tools: GPS and compass; surveyed and sampled by Tyler Bourne, logged by Karin Fecova; center flow hammer 4 3/4"; casing 6 5/8"; casing not pulled

Collar survey Date

Survey By Tyler Bourne

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,350.00	7,072,880.00	1,517.00	0.00	-90.00
Preferred	UTM83-8	439,350.00	7,072,880.00	1,517.00	0.00	
Local						
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10131215	02/10/2010	24.38	74.68	0
ALS	QC-OK	TR10131217	01/10/2010	0.00	24.38	0
ALS	QC-OK	TR10131219	01/10/2010	74.68	124.97	0
ALS	QC-OK	TR10131460	30/09/2010	124.97	175.26	0
ALS	QC-OK	WH10132896	04/10/2010	175.26	198.12	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC20140	15.24	16.76	2-FDU	0	0.01	6.05	TR10131217
RC20170	56.39	57.91	2-FDU	0	0.04	6.29	TR10131215
RC20210	112.78	114.30	2-FDU	0	0.04	5.96	TR10131219
RC20240	153.92	155.45	2-FDU	0	0.39	6.11	TR10131460
RC20130			Blk	0	0.01	0.47	TR10131217
RC20160			Blk	0	0.01	0.49	TR10131215
RC20200			Blk	0	0.01	0.34	TR10131219
RC20220			Blk	0	0.00	0.60	TR10131460
RC20260			Blk	0	0.01	0.46	WH10132896
RC20150			SRM_OR-15h	0	1.01	0.08	TR10131215
RC20230			SRM_OR-15h	0	0.89	0.08	TR10131460
RC00008			SRM_OR-16b	0	2.26	0.10	TR10131219
RC20270			SRM_OR-16b	0	2.21	0.10	WH10132896

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
36	17	33	0	0	0	38	0	0

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-021
Length (m)	198.17
Log Date	17/10/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
1.52	RC20128	0.148	0.2	1800	1.52	Xq		3.05	FEO	4	PAT	4.57	No Data										
3.05	RC20129	0.637	0.6	3350	3.05	Xqp																	
4.57	RC20131	0.276	0.3	1655	4.57	VNq	Xqp	4.57	No Data														
6.10	RC20132	0.047	0.1	960	Xqp			6.10	WM	4	PAT	6.10	3.5										VS
7.62	RC20133	0.029	0.1	631		7.62	1.5										VS						
9.14	RC20134	0.038	0.2	558																			
10.67	RC20135	0.105	0.2	1785																			
12.19	RC20136	0.078	0.3	241																			
13.72	RC20137	0.05	0.5	241		13.72			FEO	4	PAT												
15.24	RC20138	0.033	0.1	545																			
16.76	RC20139	0.016	0.2	165								No Data											

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-021
Length (m) 198.17
Log Date 17/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
18.29	RC20141	0.159	0.1	1565	21.34	Xqp	Xqp	18.29	No Data			22.86										
19.81	RC20142	0.005	0.1	65																		
21.34	RC20143	0.038	0.3	463																		
22.86	RC20144	0.127	0.2	1250	22.86	Xqp																
24.38	RC20145	0.111	0.2	374	24.38																	
25.91	RC20146	0.056	0.1	363	25.91		1.5	FRA														
27.43	RC20147	0.051	0.1	462	27.43		No Data															
28.96	RC20148	0.053	0.1	359	28.96																	
30.48	RC20149	0.052	0.1	889	30.48		0.5	VS														
32.00	RC20151	0.035	0.1	292	32.00		No Data															
33.53	RC20152	0.073	0.1	825	33.53																	

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-021
Length (m) 198.17
Log Date 17/10/2010

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur		
35.05	RC20153	0.295	0.6	2480	39.62	Xq		35.05				35.05	0.5	LITH										
36.58	RC20154	0.08	0.2	1020				36.58				36.58	0.5	FRA										
38.10	RC20155	0.358	0.1	241							WM	4	PAT	38.10	0.5	VS								
39.62	RC20156	0.048	0.3	619														0.5	VS					
41.15	RC20157	0.015	0.1	255	48.77	Xqp	Xq	42.67				42.67	No Data											
42.67	RC20158	0.016	0.1	382									No Data											
44.20	RC20159	0.087	0.1	704									No Data											
45.72	RC20161	0.029	0.1	787																				
47.24	RC20162	0.022	0.1	1050																				
48.77	RC20163	0.027	0.1	896																				
50.29	RC20164	0.049	0.8	1135	50.29	Xq		50.29	FEO	5	PER	50.29	0.5	VS	1.5	VS								

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-021
Length (m)	198.17
Log Date	17/10/2010

Assays					Litho			Alteration				Mineralization																				
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur										
51.82	RC20165	0.025	0.1	1080	56.39	Xq	VNq	56.39	FEO	4	PAT	56.39	No Data																			
53.34	RC20166	0.113	4.2	825									53.34																			
54.86	RC20167	0.073	1.3	923									54.86	0.5	VN1																	
56.39	RC20168	0.024	0.1	332									56.39	0.5	VN																	
57.91	RC20169	0.032	0.1	487	60.96	Xqp	Xq	60.96																								
59.44	RC20171	0.018	0.1	450																												
60.96	RC20172	0.034	0.1	256																												
62.48	RC20173	0.049	0.1	99	65.53	Xqp		65.53																								
64.01	RC20174	0.01	0.1	77																												
65.53	RC20175	0.012	0.1	183																												
67.06	RC20194	0.035	0.1	259	67.06	Xq		67.06	No Data																							

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-021
Length (m)	198.17
Log Date	17/10/2010

[illegible]

Hole name	GDRC10-021
Length (m)	198.17
Log Date	17/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
85.34	RC20181	0.077	0.2	1400		Xqp		89.92														
86.87	RC20180	0.091	1.1	3980																		
88.39	RC20179	0.02	0.1	557																		
89.92	RC20178	0.04	0.1	910																		
91.44	RC20177	0.045	0.8	2470		Xqp		92.96				91.44										
92.96	RC20176	0.062	0.7	2110								92.96										
94.49	RC20195	0.047	0.4	1700		Xqp		96.01				94.49	1.5	FOL								
96.01	RC20196	0.036	0.3	447									No Data									
97.54	RC20197	0.036	0.2	578		Xq		97.54				97.54										
99.06	RC20198	0.177	1.2	3150				99.06		WM	4	PAT	99.06	0.5	FRA							
100.58	RC20199	0.063	0.5	1480							No Data	100.58	0.5	LITH								

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-021
Length (m)	198.17
Log Date	17/10/2010

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur		
102.11	RC20201	0.062	0.3	950	Xqp			102.11	WM	4	PAT	102.11												
103.63	RC20202	0.054	0.2	597																				
105.16	RC20203	0.232	0.5	661											No Data									
106.68	RC20204	0.357	0.6	749				106.68							106.68									
108.20	RC20205	0.119	0.3	1740									0.5	VS										
109.73	RC20206	0.064	0.5	703																				
111.25	RC20207	0.039	0.3	763																				
112.78	RC20208	0.044	0.2	626																				
114.30	RC20209	0.081	0.1	474																				
115.82	RC20211	0.03	0.1	163																				
117.35	RC20212	0.048	0.5	576																				

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-021
Length (m) 198.17
Log Date 17/10/2010

Assays					Litho			Alteration				Mineralization														
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite									
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur						
	RC20213	0.03	0.1	331	Xq																					
118.87																										
	RC20214	0.078	0.2	568																						
120.40																										
	RC20215	0.031	0.1	273															121.92							
121.92																										
	RC20216	0.072	0.3	446																						
123.44																										
	RC20217	0.209	0.4	265															No Data							
124.97																										
	RC20218	0.039	0.3	318																						
126.49												126.49														
	RC20219	0.031	0.3	198									35	FRA												
128.02												128.02														
	RC20221	0.018	0.4	112									No Data													
129.54												129.54														
	RC20222	0.037	0.6	297																						
131.06												131.06														
	RC20223	0.016	0.1	132																						
132.59													No Data													
	RC20224	0.186	1.8	688																						
134.11												134.11														

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-021
Length (m) 198.17
Log Date 17/10/2010

Assays					Litho			Alteration				Mineralization											
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite		
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur	
	RC20225	0.07	0.9	716								138.68											
135.64																							
	RC20226	0.048	0.6	375																			
137.16																							
	RC20227	0.045	0.8	403	140.21							138.68											
138.68																							
	RC20228	0.267	0.2	1790									No Data										
140.21																							
	RC20229	0.162	0.2	1365	Xqp							143.26											
141.73																							
	RC20231	0.8	0.3	1635																			
143.26																							
	RC20232	0.164	0.2	2520	Xq			144.78		WM	4	PAT	144.78			0.5	VN						
144.78																							
	RC20233	0.103	0.2	869				146.30															
146.30																							
	RC20234	0.085	0.3	495	147.83							147.83			0.5	FRA	1.5	VS					
147.83																							
	RC20235	0.09	0.4	576																			
149.35																							
	RC20236	0.091	0.5	1125	Xq	Xqp									0.5	FRA							
150.88																							

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-021
Length (m) 198.17
Log Date 17/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
152.40	RC20237	0.07	2.3	1585	152.40			152.40				152.40										
153.92	RC20238	0.244	1.6	2040	155.45	lp		155.45	WM	6	PER	155.45	7.5	LITH	15	VS						
155.45	RC20239	0.277	3.3	3220																		
156.97	RC20241	0.299	2.1	2610	160.02	lp		160.02	ANK	3	PAT	158.50	No Data									
158.50	RC20242	0.093	0.7	857									7.5	LITH	1.5	VS						
160.02	RC20243	0.145	0.8	1655																		
161.54	RC20244	0.166	0.6	1310	167.64			160.02														
163.07	RC20245	0.307	0.3	751																		
164.59	RC20246	0.016	0.1	130																		
166.12	RC20247	0.016	0.1	143																		
167.64	RC20248	0.01	0.1	95																		

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-021
Length (m)	198.17
Log Date	17/10/2010

[illegible]

Golden Predator
Program 2010
Logger Karin Fecova

Assays				
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)
RC20261	185.93	0.257	0.3	1160
RC20262	187.45	0.1	0.4	670
RC20263	188.98	0.039	0.1	336
RC20264	190.50	0.058	0.1	368
RC20265	192.02	0.03	0.1	187
RC20266	193.55	0.012	0.1	130
RC20267	195.07	0.005	0.1	34
RC20268	196.60	0.017	0.1	62
RC20269	198.12	0.028	0.1	46

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-021
Length (m) 198.17
Log Date 17/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	1.52	Xq	0	musc schist, oxid
1.52	3.05	Xqp	0	chlor-musc schist
3.05	4.57	VNq	0	mostly qz-chlor chips, minor musc schist chips
4.57	13.72	Xqp	0	chlor-bio-musc schist
13.72	21.34	Xqp	0	chlor-bio-musc schist and musc-chlor-bio schist
21.34	22.86	Xqp	0	musc-chlor-bio-gt? schist, w 3% light pink 1 mm grains of hard, rounded gt (porphyroblasts?)
22.86	24.38	Xq	0	musc schist/schistose qtzite
24.38	30.48	Xqp	0	musc-chlor-bio-gt(?) schist
30.48	39.62	Xq	0	musc-ser schist
39.62	48.77	Xqp	0	domint chlor-bio schist and musc-ser schist
48.77	50.29	Xq	0	per oxid musc-ser schist
50.29	56.39	Xq	0	musc-ser-chlor schist
56.39	60.96	Xqp	0	chlor-bio-musc schist and musc-ser schist
60.96	65.53	Xqp	0	chlor-bio-musc schist
65.53	67.06	Xq	0	musc-ser schist
67.06	70.10	Xqp	0	chlor-bio-musc schist
70.10	73.15	Xqp	0	green, mg, qzose chlor-cc-qz unit alternating w red-brown gt(?) hard silic miner+bio (soft) ("after eight" unit), lith1min:b+g?+q+c ; cc forms grains and alongated fracs and thin lenses, wh-cream, fg, soft
73.15	74.68	Xqp	0	musc-min chlor-bio-gt schist
74.68	77.72	Xq	0	musc -ser-domint schist w min chlor-bio and gt and chlor domint unit resembling the green-wh chlor-cc-qz unit in after eight unit
77.72	80.77	Xqp	0	chlor domint-musc schist
80.77	82.30	Xq	0	musc-ser schist
82.30	83.82	Xqp	0	chlor-bio-musc schist
83.82	89.92	Xqp	0	musc-chlor-bio schist
89.92	92.96	Xqp	0	chlor-bio-musc schist
92.96	96.01	Xqp	0	musc-ser-bio-gt? schist
96.01	97.54	Xq	0	fg musc schist/schistose qtzite
97.54	106.68	Xqp	0	chlo-bio-musc schist
106.68	140.21	Xq	0	musc-ser schist w min loc bio and chlor and gt
140.21	143.26	Xqp	0	chlor domint-bio-gt(?) - muscs chist
143.26	147.83	Xq	0	musc-ser schist/schistose qztite
147.83	152.40	Xq	0	domint musc-ser schist and domint chlor-musc schist

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-021
Length (m) 198.17
Log Date 17/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
152.40	155.45	lp	0	appears to be a med/coarse grained version of 50% fspar (white and ygrl=serzd) tabulae of mg and cg (phenocrysts) , 45% qz (colourless, mg) intrusive w mg groundmass and fspar cg phenocrysts, w abund fd py
155.45	160.02	lp	0	appears to be a med/coarse grained version of 50% fspar (white and ygrl=serzd) tabulae of mg and cg (phenocrysts) , 35% qz (colourless, mg) and 15% bio (fresh books, red-brown mg to cg) intrusive w mg groundmass and fspar cg phenocrysts, w abund fd py
160.02	178.31	lp	0	as prev but w an increase of bio to 20%
178.31	182.88	lp	0	5% dk brown frags of fg gt and dio (grenn, but domint brown silicates)
182.88	198.12	lp	0	eoh; as prev, no skarn frags found

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
6.10	18.29	FEO	0	oxid frac surfaces of litho
45.72	47.24	WM	0	oxid frac surfaces of lith
47.24	48.77	FEO	0	oxid frac surfaces of lith
50.29	60.96	FEO	0	fracs in lith
67.06	68.58	FEO	0	frac surfaces of lith
100.58	102.11	WM	0	ser halo along qz hairline
144.78	146.30	WM	0	ser in the hairline halo
152.40	155.45	WM	0	ser altn restricted to fspar grains
155.45	160.02	ANK	0	ank in microfracs inbtween grains; ser altern perv in fspar grains
170.69	172.21	WM	0	some intr frags seem to have serzd fspars
182.88	198.12	WM	0	ser altn of fspar grains

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
4.57	6.10	AS	0	aspy as 2 mm tab cxls in selv
24.38	25.91	PY	0	in fracs of host
35.05	36.58	PO	0	po in fracs of vn, assoctd w chlor; py in fracs of lith
42.67	45.72	PO	0	fracs of vns w chlor
48.77	50.29	AS	0	aspy in selv and halo in form of 2 mm euh stria cxls and 1 mm aspy and py euh in halo
76.20	77.72	PY	0	py in microfracs of lith1

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-021
Length (m) 198.17
Log Date 17/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
100.58	102.11	ASPY	0	min in selvs and 1 cm from vn margs
106.68	121.92	PY	0	1 mm euh py in selvs and halos
129.54	131.06	ASPY	0	in frac and microfracs of lith
134.11	138.68	ASPY	0	sulph incl 1-2mm aspy and py fd, euh cxls in selvs of strings and vns
144.78	147.83	PY	0	min1 in qz hariline ser halo, min 2 also assoctd w cc in hairl fracs; min 3 in slv of qz strngs and cc hairlines
147.83	152.40	ASPY	0	min 1 is 1mm aspy and py in qz and qz-cc strngs; min 3 is 1 mm py in cc hairline fracs
152.40	155.45	PY	0	min 1 seems to be fd in lith assoctd w cc, included in cc
158.50	160.02	PY	0	py in lith but likely assoctd w cc fracs
173.74	175.26	PY	0	py assoctd w cc
179.83	181.36	AS	0	unknown grey hair of sulph (stib?) in the same vn as aspy

VEINS

mFrom	mTo	Vein1	Relog	Comments
4.57	6.10	QAS	0	vn has ser halo
6.10	7.62	QAS	0	w 1 mm tab aspy in selvs
22.86	24.38	QS	0	sulph: aspy and py
32.00	33.53	QS	0	sulp are aspy and py
35.05	36.58	QCL	0	w po; vein seems to have 3 events (zones) from the wall rock, two of them are coarser than the central, all show interlocking sugary crystals
36.58	39.62	QZ	0	vn1 w ser halo and 1% 1 mm py in halo; vn2 w ser halo and aspy in halos
39.62	41.15	QZ	0	recrystalzd vein with outer zone coarser and clearer than the inner zone, no halo, both zones have sugary texture
42.67	45.72	QCL	0	recrystalzd strngs and vns subll foltn, w po+chlor
45.72	47.24	QZ	0	w s halo
48.77	50.29	QS	0	w ser halo and aspy and py in selvs and halo
50.29	53.34	QCL	0	w chlor frags, sugary recxlzd texture,
53.34	54.86	QAS	0	vn 1 sugary w 1% 1 mm aspy in vn; vn 2 wh milky fg
54.86	56.39	QPY	0	sugary text , 1% 1 mm py in vn
59.44	60.96	QI	0	sugary text, recxlzd
62.48	64.01	QZ	0	sugary text, rxlzd
79.25	80.77	QPY	0	w ser halo w py in selvs
91.44	92.96	QAS	0	1 mm aspy euh in selvs

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-021
Length (m) 198.17
Log Date 17/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
97.54	99.06	QPY	0	also vn2 has diss py along fracs
100.58	102.11	QAS	0	ser halo w 2% 1 mm aspy and py in selvs and halo
106.68	121.92	QPY	0	ser halo
126.49	128.02	CLS	0	sulph is py
134.11	138.68	QS	0	sulph incl 1-2mm aspy and py fd, euh cxls in selvs of strings and vns
143.26	144.78	QAS	0	euh 2 mm aspy in qz
144.78	146.30	QZ	0	vn1 ser halo w 1% 1 mm py in halo; vn3 aspy in slv of strng and hairline fracs and inbetween; vn4 is aspy
147.83	152.40	CBS	0	vn1 has py; vn2 could be strng or vn and has py and aspy
152.40	155.45	QAS	0	aspy 1-2mm diss along vn selvs; cc inbtween grains and hairl fracs
158.50	160.02	QAS	0	w 2% 2 mm aspy in selvs
160.02	179.83	CC	0	cc inbtw grains and as hairline fracs
179.83	181.36	QS	0	w aspy in fracs of vn
181.36	182.88	CC	0	rxn of this intrusive w HCl is strong, cc in microfracs btwn grains

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Aorta

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-022

Length (m) 233.23

Size 5.125

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 09/09/2010

Date Finished 13/09/2010

Other Hole name Aort_SRC_018

Cassing Pulled Yes

Cassing (m) 12.24

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Karin Fecova

Target

Log Date 19/10/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Tyler Bourne, logged by Karin Fecova; conventional hammer 5 1/8"; casing 6 5/8"

Collar survey Date

Survey By Tyler Bourne

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	440,219.78	7,072,840.50	1,214.60	0.00	-90.00
Preferred	UTM83-8	440,219.78	7,072,840.50	1,214.60	0.00	
Local						
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10132898	01/10/2010	120.40	170.69	0
ALS	QC-OK	WH10132899	03/10/2010	170.69	220.98	0
ALS	QC-OK	WH10134980	01/10/2010	220.98	233.17	0
ALS	QC-OK	WH10134984	03/10/2010	70.10	120.40	0
ALS	QC-OK	WH10135030	01/10/2010	0.00	19.81	0
ALS	QC-OK	WH10135031	05/10/2010	19.81	70.10	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC11980	45.72	47.24	2-FDU	0	0.03	5.36	WH10135031
RC12020	100.58	102.11	2-FDU	0	0.22	4.40	WH10134984
RC12060	156.97	158.50	2-FDU	0	0.02	4.78	WH10132898
RC12100	213.36	214.88	2-FDU	0	0.20	4.04	WH10132899
RC11950			Blk	0	0.00	0.46	WH10135030
RC11990			Blk	0	0.00	0.64	WH10135031
RC12000			Blk	0	0.00	0.38	WH10134984
RC12040			Blk	0	0.00	0.54	WH10132898
RC12090			Blk	0	0.01	0.40	WH10132899
RC11970			SRM_OR-15h	0	1.05	0.08	WH10135031
RC12050			SRM_OR-15h	0	1.08	0.08	WH10132898
RC12110			SRM_OR-15h	0	1.01	0.08	WH10134980
RC12010			SRM_OR-16b	0	2.23	0.10	WH10134984
RC12080			SRM_OR-16b	0	2.18	0.08	WH10132899

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
41	25	62	0	0	0	70	0	0

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-022
Length (m)	233.23
Log Date	19/10/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
1.52	RC11947	0.087	0.4	868		Xqp													
3.05	RC11948	0.042	0.1	808															
4.57	RC11949	0.08	0.1	732															
6.10	RC11951	0.023	0.1	520	6.10	Xp													
7.62	RC11952	0.01	0.2	532	7.62	VNq													
9.14	RC11953	0.019	0.1	575															
10.67	RC11954	0.0025	0.1	615															
12.19	RC11955	0.005	0.1	442															
13.72	RC11956	0.092	0.3	2730															
15.24	RC11957	1.2	0.3	3760															
16.76	RC11958	0.034	0.4	997															

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
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Hole name	GDRC10-022
Length (m)	233.23
Log Date	19/10/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
	RC11959	0.228	0.5	3440									No Data						
18.29																			
	RC11960	0.048	0.2	1995															
19.81																			
	RC11961	0.022	0.3	1180	22.86														
21.34																			
	RC11962	0.343	9.4	1680															
22.86																			
	RC11963	0.068	1.3	1720	Xp														
24.38																			
	RC11964	0.061	1	1320															
25.91					25.91														
	RC11965	0.045	0.9	1290	Xqp	Xp													
27.43					27.43														
	RC11966	0.042	0.4	766	Xqp														
28.96					28.96			28.96											
	RC11967	0.09	0.1	1140	Xq				FEO	6	PER								
30.48					30.48			30.48											
	RC11968	0.027	0.3	301	Xqp				FEO	4	PAT								
32.00					32.00			32.00											
	RC11969	0.166	1.5	1140	Xq														
33.53					33.53							33.53							

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-022
Length (m) 233.23
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur			
35.05	RC11971	0.271	1.6	3010		Xq	Xqp	36.58	FEO	6	PER	35.05			1.5	VS									
36.58	RC11972	0.371	1.5	3520																					
38.10	RC11973	0.026	0.1	494		Xqp		39.62	FEO	3	PAT	No Data													
39.62	RC11974	0.021	0.1	136																					
41.15	RC11975	0.032	0.1	1000	Xqp			No Data																	
42.67	RC11976	0.009	0.1	290	Xqp			FEO	6	PER															
44.20	RC11977	0.0025	0.3	103																					44.20
45.72	RC11978	0.03	0.1	691																					45.72
47.24	RC11979	0.033	0.1	1370				Xqp			No Data														47.24
48.77	RC11981	0.131	0.1	1600					Xqp	Xqp															48.77
50.29	RC11982	0.012	0.1	180											50.29										

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
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Hole name GDRC10-022
Length (m) 233.23
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
51.82	RC11983	0.286	2	5000	51.82	Xq		51.82	FEO	4	PER	51.82	1.5	VS								
53.34	RC11984	0.267	0.4	2840	53.34			FEO	3	PER	53.34			3.5	LITH							
54.86	RC11985	0.037	0.1	479	54.86			No Data			54.86	No Data										
56.39	RC11986	0.032	0.1	886	56.39																	
57.91	RC11987	0.02	0.1	363				FEO	3	PER												
59.44	RC11988	0.006	0.1	93	59.44																	
60.96	RC11989	0.036	0.1	911	60.96						60.96											
62.48	RC11991	0.338	0.2	1150	62.48	Xqp					No Data											
64.01	RC11992	0.006	0.1	106	Xp																	
65.53	RC11993	0.0025	0.1	98		65.53																
67.06	RC11994	0.005	0.1	100																		

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-022
Length (m)	233.23
Log Date	19/10/2010

Assays					Litho			Alteration				Mineralization																
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur						
68.58	RC11995	0.233	0.4	6010	70.10	Xqp						70.10																
70.10	RC11996	0.007	0.1	170								70.10																
71.63	RC11997	0.009	0.1	222	76.20	Xqp		71.63				71.63	0.5	VS	1.5	VS												
73.15	RC11998	0.015	0.3	410				73.15	WM	4	PAT				73.15			1.5	VS									
74.68	RC11999	0.047	0.2	294				74.68							74.68													
76.20	RC12001	0.027	0.4	827				76.20							76.20	3.5	LITH											
77.72	RC12002	0.014	0.2	346	77.72	Xqp						77.72	0.5	VS														
79.25	RC12003	0.294	3.1	3680								79.25							79.25	0.5	VN							
80.77	RC12004	0.029	0.2	539								80.77							80.77									
82.30	RC12005	0.046	0.3	277								No Data							82.30	3.5	VS							
83.82	RC12006	0.022	0.1	268									No Data							No Data								

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-022
Length (m) 233.23
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC12007	0.016	0.2	115									No Data									
85.34					85.34							85.34										
	RC12008	0.046	0.2	665																		
86.87												86.87										
	RC12009	0.0025	0.1	55		Xqp																
88.39								88.39														
	RC12011	0.019	0.1	49					WM	4	PER											
89.92					89.92			89.92														
	RC12012	0.027	0.2	720					No Data													
91.44								91.44				91.44										
	RC12013	0.006	0.1	81																		
92.96																						
	RC12014	0.041	0.4	817		Xqp																
94.49																						
	RC12015	0.0025	0.1	239								No Data										
96.01									FEO	4	PAT											
	RC12016	0.013	0.1	302																		
97.54																						
	RC12017	0.005	0.1	77																		
99.06					99.06							99.06										
	RC12018	0.039	0.1	406																		
100.58								100.58				100.58										

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-022
Length (m)	233.23
Log Date	19/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
102.11	RC12019	0.172	0.7	1140	Xq			102.11	No Data			102.11	1.5	VS								
103.63	RC12021	0.106	0.2	828				103.63	0.5	VN												
105.16	RC12022	0.018	0.2	398				105.16	FEO	4	PAT											
106.68	RC12023	0.008	0.1	131	Xqp			108.20	No Data			No Data										
108.20	RC12024	0.006	0.1	78				108.20														
109.73	RC12025	0.027	0.1	289																		
111.25	RC12026	0.059	0.2	321							111.25											
112.78	RC12027	0.064	0.1	471							112.78											
114.30	RC12028	0.016	0.1	142							114.30											
115.82	RC12029	0.0025	0.1	60							115.82		No Data			115.82						
117.35	RC12030	0.214	0.1	296								117.35	0.5	VN								

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
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Hole name	GDRC10-022
Length (m)	233.23
Log Date	19/10/2010

[illegible]

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-022
Length (m)	233.23
Log Date	19/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
135.64	RC12043	0.109	0.2	1505	135.64	Xq		135.64	WM	4	PER	135.64	3.5	FOL								
137.16	RC12044	0.096	0.3	1575	140.21	Xqp						137.16	1.5	VS								
138.68	RC12045	0.015	0.1	190								138.68	No Data									
140.21	RC12046	0.257	0.1	2000								140.21	0.5	VN								
141.73	RC12047	0.187	0.1	459								141.73	1.5	FOL								
143.26	RC12048	0.042	0.1	138	149.35	Xqp						143.26	0.5	VS								
144.78	RC12049	0.009	0.1	65								144.78	No Data									
146.30	RC12051	0.02	0.1	348								149.35	No Data									
147.83	RC12052	0.028	0.1	180																		
149.35	RC12053	0.007	0.1	61																		
150.88	RC12054	0.011	0.1	218																		

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-022
Length (m) 233.23
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization																
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite							
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur						
	RC12055	0.221	0.1	2150									0.5	VN														
152.40																			152.40									
	RC12056	0.063	0.1	912																								
153.92																												
	RC12057	1.13	0.1	820																								
155.45												155.45																
	RC12058	0.05	0.1	1265	158.50								1.5	VS														
156.97																			156.97									
	RC12059	0.021	0.1	361																								
158.50																			158.50									
	RC12061	0.108	0.1	774																								
160.02					Xqp																							
	RC12062	0.058	0.1	211																								
161.54																												
	RC12063	0.093	0.1	828																								
163.07																												
	RC12064	0.031	0.1	340																								
164.59																												
	RC12065	0.019	0.1	266																								
166.12												166.12																
	RC12066	0.0025	0.1	33									0.5	VN														
167.64												167.64																

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-022
Length (m)	233.23
Log Date	19/10/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur			
169.16	RC12067	0.02	0.1	327	173.74			173.74				173.74													
170.69	RC12068	0.041	0.1	420				170.69																	
172.21	RC12069	0.241	0.2	4980				172.21										1.5	VS						
173.74	RC12070	0.094	0.5	2070				173.74							3.5	FOL		1.5	VS						
175.26	RC12071	0.027	0.2	321	Xq	VNq						175.26	No Data												
176.78	RC12072	0.034	0.2	544							WM	4	PER	176.78	1.5	VS									
178.31	RC12073	0.019	0.1	46											1.5	VN									
179.83	RC12074	0.006	0.3	76				179.83							179.83										
181.36	RC12075	0.009	0.1	55											181.36	No Data									
182.88	RC12076	0.008	0.2	53											182.88	1.5	VS								
184.40	RC12077	0.404	0.4	1200											184.40	0.5	VS								

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-022
Length (m)	233.23
Log Date	19/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
185.93	RC12078	0.038	0.2	891				185.93	WM	3	PER	0.5	VN									
187.45	RC12079	0.103	0.3	2150				No Data	187.45													
188.98	RC12081	0.152	0.1	1570				188.98	188.98	1.5	VN											
190.50	RC12082	0.123	0.9	1830	190.50	190.50																
192.02	RC12083	0.015	0.1	213	Xq	No Data	192.02	No Data														
193.55	RC12084	0.115	0.4	790			193.55	193.55	193.55													
195.07	RC12085	0.148	1.5	1830				195.07	WM	4	PER											
196.60	RC12086	0.203	0.3	968				Xq	No Data	196.60	No Data											
198.12	RC12087	0.025	0.1	165						198.12	198.12											198.12
199.64	RC12088	0.008	0.1	138	Xqp			201.17				0.5	VN									
201.17	RC12089	0.127	0.2	1340																		201.17

Hole name	GDRC10-022
Length (m)	233.23
Log Date	19/10/2010

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-022
Length (m) 233.23
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
													%	occur	%	occur	%	occur	%	occur	%	occur
	RC12103	0.137	0.8	1040																		
219.46					219.46			219.46				219.46										
	RC12104	0.056	0.4	167									15	LITH								
220.98												220.98										
	RC12105	0.063	0.6	626									1.5	LITH								
222.50												222.50										
	RC12106	0.05	0.1	473									1.5	LITH	0.5	VS						
224.03												224.03										
	RC12107	0.234	1.4	2960									1.5	FOL								
225.55												225.55										
	RC12108	0.123	0.5	1170		Xq			WM	4	PER		1.5	VS								
227.08												227.08										
	RC12109	0.156	1.1	3050									1.5	FOL								
228.60												228.60										
	RC12111	0.101	1.1	1860																		
230.12																						
	RC12112	0.075	0.4	1260									1.5	FOL								
231.65																						
	RC12113	0.111	0.5	1400																		
233.17					233.17			233.17				233.17										

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-022
Length (m) 233.23
Log Date 19/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	4.57	Xqp	0	chlor-musc-bio schist
4.57	6.10	Xp	0	vfg phyll w 1 mm long bio(?) randomly orineted within foltn plane
6.10	7.62	VNq	0	massive oxid qz vn no vis min
7.62	22.86	Xqp	0	chlor -musc-bio (usually 0.5 mm fine bk needles in foltn plane) schist
22.86	25.91	Xp	0	vfg phyl, almost graphitic appearance but not extremely soft as the graphitic phyll
25.91	27.43	Xqp	0	chlor-musc schist and vfg chlor-musc phyl (w graphitic appearance)
27.43	28.96	Xqp	0	chlor-musc schist
28.96	30.48	Xq	0	gritty (5% 1mm, bluish-grey hard to scratch rounded, squared eitehr qz or cordierite(?) in schistose prevasively oxid qtzite
30.48	32.00	Xqp	0	chlor-qz rich -fspar- musc schist, hard to scratch, silicic
32.00	33.53	Xq	0	musc qz schist/schistose qtzite perv oxid
33.53	36.58	Xq	0	perv oxid schistose qtzite and chlor-musc-qz-fspar schist
36.58	39.62	Xqp	0	chlor-musc-fspar schist
39.62	41.15	Xqp	0	chlor-musc schist w 3% blue 1-2mm round,square occasional cordierite(?)
41.15	45.72	Xqp	0	perv oxid (135-145ft) musc-chlor schist;
45.72	47.24	Xqp	0	chlor-musc schist
47.24	51.82	Xqp	0	chlor-musc +/- bio schist and musc +/- bio schist
51.82	60.96	Xq	0	musc schist
60.96	62.48	Xqp	0	chlor-musc schist
62.48	65.53	Xp	0	vfg phyl w local 0.5mm bio needles along foltn planes
65.53	70.10	Xqp	0	chlor-musc schist
70.10	76.20	Xqp	0	musc-chlor schist
76.20	85.34	Xqp	0	chlor-musc schist
85.34	89.92	Xqp	0	musc-chlor schist
89.92	99.06	Xqp	0	chlor-musc schist
99.06	105.16	Xq	0	musc schist and musc-chlor schist/ schistose qtzite
105.16	115.82	Xqp	0	chlor-musc schist
115.82	120.40	Xq	0	musc schist/schistose qtzite w perv ser altern
120.40	131.06	Xqp	0	chlor-musc schist
131.06	132.59	Xq	0	musc schist/schistose qtzite
132.59	134.11	Xqp	0	chlor-musc schist
134.11	135.64	Xq	0	musc schist/schistose qtzite
135.64	140.21	Xqp	0	chlor-musc schist;
140.21	158.50	Xqp	0	pink fg garnet w red brown bio in musc-bio-chlor-gt schist

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-022
Length (m) 233.23
Log Date 19/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
158.50	173.74	Xqp	0	chlor-musc schist or vice versa with 10% unknown creamy-wh-pink and dk purple-brown bladed porphyroblasts w cleavage resembling kyanite cleavage typical to be seen along elongtns, hard, silica rich, blades can be 4 mm long, some seem to have bleached halo
173.74	188.98	Xq	0	musc schist, from 580-590 ft veined; 575-580 ft seems that some frags show 2% 0.2mm tourmaline needles assoctd w seritzn, one frag contained a few bluish grains of a cordierite; 590-595ft chlor-musc schist
188.98	193.55	Xq	0	chlor-musc schist
193.55	198.12	Xq	0	musc schist
198.12	201.17	Xqp	0	chlor-musc-bio schist
201.17	216.41	Xq	0	musc schist
216.41	219.46	Xqp	0	chlor-musc schist
219.46	233.17	Xq	0	eoh; musc schist

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
32.00	36.58	FEO	0	perv oxid schistose qtzite; oxid on fracs of chlor schist
41.15	42.67	FEO	0	schistose qtzite/musc-chlor schist
50.29	51.82	FEO	0	perv oxid in musc schist
56.39	59.44	FEO	0	weak to moder oxid of musc schist
71.63	73.15	WM	0	ser altern restrictd to qz string-hairlines
88.39	89.92	WM	0	ser altn in schistose qtzite
91.44	100.58	FEO	0	oxid frac surfaces
102.11	105.16	FEO	0	oxid frac surfaces
108.20	114.30	FEO	0	oxid frac surfaces
115.82	120.40	WM	0	in schistose qtzite
121.92	123.44	WM	0	ser altern restrictd to qz strings
131.06	132.59	WM	0	in musc schist
134.11	135.64	WM	0	musc schist
173.74	179.83	WM	0	in musc schist/schistose qtzite; although noted as perv ser altn it is very likely due to qz hairlines and stringers
182.88	185.93	WM	0	in musc schist
188.98	190.50	WM	0	ser altern restrictd to qz string
193.55	195.07	WM	0	in musc schist

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
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Hole name GDRC10-022
Length (m) 233.23
Log Date 19/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
201.17	202.69	WM	0	in musc schist
204.22	216.41	WM	0	in musc schist
219.46	233.17	WM	0	ser altern in musc schist

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
33.53	35.05	AS	0	oxid qz vn with 2-3mm aspy cxl aggr in selv
44.20	45.72	AS	0	moder oxid in fracs qz vn w 1% 1 mm fresh rare aspy
47.24	48.77	AS	0	1 mm aspy tabulae diss in musc schist
48.77	50.29	PY	0	py fd along microfracs in musc schist
50.29	51.82	PY	0	oxid qz vns w 2% 1mm py in selv and in vn
51.82	53.34	AS	0	1-5mm aspy cxls diss in musc schist
53.34	54.86	ASPY	0	1mm cubes of py diss in musc schist
59.44	60.96	PO	0	assoctd w chlor in lith
70.10	71.63	AS	0	probably discord vns w chlor+po+py and aspy in selv; 2% 3 mm long fresh stria aspy cxls; 1% 1mm py cxls in selv; po along foltn surfaces, in selv
71.63	73.15	AS	0	1-2% 1 mm aspy diss in selv, ser halo along qz string-hairline
73.15	74.68	ASPY	0	qz vn w 2% 1 mm py and aspy along fracs in vn and in selv
76.20	77.72	PY	0	both po and py in selv, po assoctd w chlor in vn and selv
85.34	86.87	PO	0	po assoctd w chlor
86.87	91.44	PO	0	assoctd w chlor
99.06	100.58	ASPY	0	2% 1mm py and aspy cxls diss in oxid qz
100.58	102.11	PY	0	py assoctd w chlor in vn selv
111.25	112.78	ASPY	0	2% 1-2mm aspy andn py in selv
115.82	117.35	PY	0	po assoctd w chlor
118.87	120.40	PY	0	in schistose qtzite
121.92	123.44	PY	0	min1 w 5% 1 mm py bl in fracs of qz; min2 in selv of qz strings w ser halo
129.54	131.06	PY	0	aspy 1 mm euh stria cxl in qz
172.21	173.74	PY	0	and in microfracs of the chlor-musc schist
181.36	182.88	PY	0	4mm thick vfol w py in vn and selv
182.88	184.40	PY	0	w occasional diss py in selv and in vein; a 0.5mm flake of gold? Orange gold just doesn't look like any of py and po
184.40	187.45	PY	0	occasional py in qz vn

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-022
Length (m) 233.23
Log Date 19/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
187.45	190.50	ASPY	0	aspy and py diss in musc schist
202.69	208.79	AS	0	min1 is aspy mg replacing(?) of the host rock constituents, looks like a part of host rock mineral assemblage and not as filling the microfracs as I cannot see them at least-cc abundant strong rxn w HCl;
208.79	214.88	PY	0	py in vn and vn selv
219.46	220.98	PY	0	0.5-1mm py euh cr or aggr diss in musc-ser schist
224.03	225.55	PY	0	in chlor-musc schist mostly, but also in musc-ser schist

VEINS

mFrom	mTo	Vein1	Relog	Comments
0.00	1.52	QCLI	0	vfol 3 -5mm thick
33.53	35.05	QAS	0	oxid qz vn with 2-3mm aspy cxl aggr in selv
44.20	45.72	QAS	0	moder oxid in fracs qz vn w rare aspy
45.72	47.24	QZ	0	3 mm thick vn no vis min no altertn halo
50.29	51.82	QPY	0	oxid qz vns w 2% 1mm py in selv and in vn
53.34	54.86	QZ	0	vn1 is 2 mm qz string w no vis min and no halo
54.86	56.39	QCL	0	vn has po and py in selv assoctd w chlor
57.91	59.44	QCL	0	w no vis min and no halo
60.96	62.48	QCL	0	lightly oxid gyl recxld (?) qz veins no vis min and no vis halo
65.53	67.06	QCL	0	no vis min and no vis halo
70.10	71.63	QCLS	0	probably discord vns w chlor+po+py and aspy in selv
71.63	73.15	QAS	0	qz string-vn w diss aspy and ser halo
73.15	76.20	QS	0	qz vn w py and aspy along fracs in vn and in selv
80.77	82.30	QCLS	0	4mm qz vn w chlor and occasional dis py in vn, in selv
86.87	88.39	QCL	0	po assoctd w chlor
89.92	91.44	QCL	0	po assoctd w chlor
97.54	99.06	QCL	0	w occasional po assoctd w chlor
100.58	102.11	QCL	0	vn2 no vis min and no vis halo
102.11	105.16	QI	0	w occas py
106.68	108.20	QZ	0	no vis min; vn 2 has oxid halo
111.25	112.78	QIS	0	vfol contains 2% 1-2mm aspy and py in selv
115.82	117.35	QCL	0	w 1% 1 mm py cxls
121.92	123.44	QCLS	0	vn1 w 5% 1 mm py bl in fracs of qz; vn2 aspy fd in selv of qz strings w ser halo

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
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Hole name GDRC10-022
Length (m) 233.23
Log Date 19/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
128.02	129.54	QAS	0	aspy 1 mm euh stria cxl in qz
140.21	141.73	QS	0	sulph are cpy and po assoctd w chlor in selvs
150.88	152.40	QCLS	0	w occas 1 mm fresh py
172.21	173.74	QAS	0	w aspy in selvs
175.26	176.78	QPY	0	qz strings and hairline fracs w ser 4mm halo and 1-2% diss py in string and halo
176.78	179.83	QPY	0	about 80% qz chips in a tray, w occasional diss py in qz
181.36	182.88	QPY	0	4mm thick vfol w py in vn and selvs
182.88	184.40	QPY	0	w occasional diss py in selvs and in vein
187.45	190.50	QPY	0	vn2 is qz string w ser halo and diss py in halo
192.02	196.60	QS	0	w aspy and py in selvs
198.12	201.17	QPY	0	occas py in qz
201.17	202.69	QS	0	sulphs are py and aspy
202.69	208.79	QPY	0	strong HCl reaction of musc-chl-bio-tour (fine needles) schist w aspy "grains", implies microfracs w cc(?)
213.36	214.88	QPY	0	py in qz vn selvs
214.88	216.41	QPY	0	5-7mm thick vn w py in ser'd selvs (this could be just ser schist host walls)
217.93	219.46	QZ	0	no vis min
219.46	220.98	QZ	0	qz hairline fracs and strings with py diss in away zones from the margs
222.50	224.03	QZ	0	w aspy fine diss in away zones
225.55	227.08	QPY	0	w py mostly in selvs, also in fracs of vein
228.60	233.17	QZ	0	w fine diss aspy and py in away zones from strings, inbtwn them in perv ser'd musc schist

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Harvey

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-023

Length (m) 213.42

Size 4.75

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 11/09/2010

Date Finished 13/09/2010

Other Hole name Harv_SRC_001

Cassing Pulled Yes

Cassing (m) 9.18

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Target

Log Date 19/10/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Tyler Bourne, logged by Shane Carlos; center flow hammer 5 1/8" then 4 3/4"; casing 6 5/8"; not recorded if casing pulled

Collar survey Date

Survey By Tyler Bourne

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,444.81	7,072,838.50	1,520.85	0.00	-90.00
Preferred	UTM83-8	439,444.81	7,072,838.50	1,520.85	0.00	
Local						
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10131218	29/09/2010	27.43	77.72	0
ALS	QC-OK	WH10132896	04/10/2010	0.00	27.43	0
ALS	QC-OK	WH10132897	02/10/2010	77.72	128.02	0
ALS	QC-OK	WH10134982	02/10/2010	128.02	178.31	0
ALS	QC-OK	WH10134983	02/10/2010	178.31	213.36	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC20280	12.19	13.72	2-FDU	0	0.36	5.48	WH10132896
RC20320	68.58	70.10	2-FDU	0	0.06	5.81	TR10131218
RC20330	82.30	83.82	2-FDU	0	0.06	4.74	WH10132897
RC20390	166.12	167.64	2-FDU	0	0.09	4.30	WH10134982
RC20420	207.26	208.79	2-FDU	0	0.15	5.60	WH10134983
RC20310			Blk	0	0.00	0.42	TR10131218
RC20340			Blk	0	0.00	0.56	WH10132897
RC20380			Blk	0	0.00	0.36	WH10134982
RC20400			Blk	0	0.00	0.42	WH10134983
RC20300			SRM_OR-15h	0	1.03	0.08	TR10131218
RC20370			SRM_OR-15h	0	0.99	0.08	WH10134982
RC20410			SRM_OR-15h	0	1.03	0.08	WH10134983
RC20350			SRM_OR-16b	0	2.27	0.08	WH10132897

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
28	17	27	0	0	0	32	0	0

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-023
Length (m)	213.42
Log Date	19/10/2010

[illegible]

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-023
Length (m)	213.42
Log Date	19/10/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur	
18.29	RC20283	0.015	0.1	61	33.53	Xqp				1	PAT												
19.81	RC20284	0.013	0.2	48																			
21.34	RC20285	0.012	0.1	31																			
22.86	RC20286	0.169	0.2	1055																			
24.38	RC20287	0.03	0.1	203																			
25.91	RC20288	0.013	0.1	44																			
27.43	RC20289	0.011	0.2	53																			
28.96	RC20290	0.049	0.1	501																			
30.48	RC20291	0.074	0.1	1400																			
32.00	RC20292	0.013	0.1	113																			
33.53	RC20293	0.028	0.1	134																			
												No Data											

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-023
Length (m) 213.42
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization																							
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite																		
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur															
	RC20294	0.061	0.1	401								35.05																							
35.05																																			
	RC20295	0.028	0.1	580									0.5	VN1																					
36.58																																			
	RC20296	0.13	0.1	3140								38.10																							
38.10																																			
	RC20297	0.01	0.1	119	44.20	Xqp	Xq																												
39.62																																			
	RC20298	0.072	0.1	428																	No Data														
41.15																																			
	RC20299	0.043	0.1	2020																	42.67														
42.67																																			
	RC20301	0.045	0.1	936					FEO	3	PAT																								
44.20																																			
	RC20302	0.037	0.2	962																	45.72														
45.72																																			
	RC20303	0.052	0.3	1105																	47.24														
47.24																																			
	RC20304	0.035	0.2	374																															
48.77																					No Data														
	RC20305	0.078	1.2	1300					FEO	3	PAT																								
50.29																																			
					50.29							50.29																							

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-023
Length (m) 213.42
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	
	RC20306	0.07	0.6	1085		Xqp															
51.82					51.82			51.82													
	RC20307	0.034	0.2	951		Xq															
53.34																					
	RC20308	0.054	0.3	1305																	
54.86					54.86																
	RC20309	0.076	0.3	2690		Xqp	Xqp														
56.39					56.39																
	RC20311	0.016	0.1	579		Xqp															
57.91																					
	RC20312	0.04	0.1	587																	
59.44																					
	RC20313	0.2	0.1	2430																	
60.96																					
	RC20314	0.076	0.1	883																	
62.48																					
	RC20315	0.112	0.3	1905																	
64.01																					
	RC20316	0.241	0.2	2710																	
65.53																					
	RC20317	0.086	0.1	630																	
67.06					67.06			67.06				67.06									

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-023
Length (m)	213.42
Log Date	19/10/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
68.58	RC20318	0.058	0.2	1545	70.10	Xqp		68.58	FEO	4	PER	68.58	0.5 LITH						
70.10	RC20319	0.031	0.1	690				70.10	No Data										
71.63	RC20321	0.028	0.1	287	79.25	Xqp	Xqp	71.63	No Data										
73.15	RC20322	0.161	0.1	533				No Data											
74.68	RC20323	0.091	0.1	516				74.68											
76.20	RC20324	0.044	0.1	316				76.20											
77.72	RC20325	0.068	0.2	656				No Data											
79.25	RC20326	0.03	0.1	107	82.30	Xq	Xqp	79.25	WM	3	PER	80.77							
80.77	RC20327	0.157	0.3	1145				80.77											
82.30	RC20328	0.069	0.5	1715				82.30	3.5 LITH										
83.82	RC20329	0.053	0.2	557					550	1	BAT	No Data							

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-023
Length (m) 213.42
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1 FCS	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
85.34	RC20331	0.229	0.3	1230	91.44	Xqp	Xq	85.34	No Data			85.34	No Data						
86.87	RC20332	0.068	0.2	657				88.39											
88.39	RC20333	0.074	0.4	1615															
89.92	RC20334	0.022	0.2	305															
91.44	RC20335	0.138	0.4	1300				92.96				Xqp							92.96
92.96	RC20336	0.075	0.1	801															
94.49	RC20337	0.021	0.1	311	97.54	Xqp	Xq					94.49	0.5	VN					
96.01	RC20338	0.168	0.1	869								96.01						No Data	
97.54	RC20339	0.05	0.1	663								97.54							
99.06	RC20341	0.061	0.1	557								99.06							
100.58	RC20342	0.472	0.3	1285															

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-023
Length (m)	213.42
Log Date	19/10/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
102.11	RC20343	0.102	0.1	675	102.11	Xqp													
103.63	RC20344	0.202	0.3	2680									1.5	LITH	0.5	LITH			
105.16	RC20345	0.479	0.9	2640															
106.68	RC20346	0.284	0.9	2510	106.68				106.68				106.68						
108.20	RC20347	0.323	0.2	893		Xqp						108.20		0.5	LITH				
109.73	RC20348	0.016	0.1	246															
111.25	RC20349	0.017	0.1	323															
112.78	RC20351	0.144	0.1	1395															
114.30	RC20352	0.215	0.1	2100															
115.82	RC20353	1.655	0.2	1170	115.82				115.82										
117.35	RC20354	0.157	0.1	1600								117.35							

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-023
Length (m) 213.42
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC20355	0.1	0.3	872		Xqp	Xqp			3	PAT	123.44			0.5	VN1						
118.87																						
	RC20356	0.117	0.4	1980																		
120.40																						
	RC20357	0.122	0.1	1445																		
121.92																						
	RC20358	0.222	0.1	1445																		
123.44																						
	RC20359	0.473	1.5	1990																		
124.97																						
	RC20360	0.09	0.1	799									1.5	LITH	0.5	LITH						
126.49																						
	RC20361	0.056	0.1	336																		
128.02																						
	RC20362	0.117	0.1	466																		
129.54																						
	RC20363	0.177	0.2	608																		
131.06																						
	RC20364	0.009	0.1	58																		
132.59																						
	RC20365	0.064	0.1	606		Xqp	Xqp															
134.11																						

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-023
Length (m)	213.42
Log Date	19/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
135.64	RC20366	0.121	0.1	320	143.26	Xqp		143.26	No Data			137.16	0.5	VN	0.5	VN						
137.16	RC20367	0.082	0.3	229																		
138.68	RC20368	0.055	0.1	97																		
140.21	RC20369	0.721	0.2	1155																		
141.73	RC20371	0.872	0.4	2270																		
143.26	RC20372	0.117	0.2	1330								149.35	Xqp	Xq	149.35	FEO	4	PAT				
144.78	RC20373	0.184	0.3	1645																		
146.30	RC20374	0.019	0.1	328																		
147.83	RC20375	0.047	0.2	707																		
149.35	RC20376	0.207	0.5	392																		
150.88	RC20377	0.058	0.3	347	150.88			150.88	FEO	4	PAT											

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-023
Length (m) 213.42
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
152.40	RC20378	0.077	0.2	287	152.40 153.92 155.45 156.97 158.50 160.02 161.54 163.07 164.59 166.12	Xqp		152.40 153.92 153.92 153.92 153.92 153.92 153.92 153.92 153.92 153.92	No Data			152.40 153.92 153.92 153.92 153.92 153.92 153.92 153.92 153.92 153.92									
153.92	RC20379	0.157	0.1	2060					No Data												
155.45	RC20381	0.421	0.7	7220																	
156.97	RC20382	0.324	0.1	806																	
158.50	RC20383	0.061	0.1	564																	
160.02	RC20384	0.106	0.1	1325					FEO	1	PAT		1.5	VN	0.5	VN					
161.54	RC20385	0.052	0.1	1140																	
163.07	RC20386	0.077	0.1	648																	
164.59	RC20387	0.043	0.3	395																	
166.12	RC20388	0.061	0.1	397																	
167.64	RC20389	0.055	0.3	1260	166.12 167.64	Xqp		166.12 167.64				166.12 167.64									

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-023
Length (m) 213.42
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC20391	0.045	0.1	881		Xqp																
169.16					169.16																	
	RC20392	1.73	0.6	8170																		
170.69																						
	RC20393	0.194	1	5100																		
172.21																						
	RC20394	0.249	0.3	2560																		
173.74																						
	RC20395	0.037	0.2	826		Xqp							0.5	LITH	0.5	LITH						
175.26																						
	RC20396	0.056	0.1	562																		
176.78																						
	RC20397	0.06	0.1	272																		
178.31																						
	RC20398	0.02	0.2	240																		
179.83					179.83				WM	3	PAT											
	RC20399	0.117	0.3	829																		
181.36																						
	RC20401	0.069	0.6	1490									0.5	LITH	0.5	VN						
182.88						Xqp																
	RC20402	0.027	0.1	82																		
184.40													0.5	LITH	0.5	LITH						

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-023
Length (m)	213.42
Log Date	19/10/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-023
Length (m) 213.42
Log Date 19/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
	RC20415	2.24	0.8	1675																		
202.69					202.69			202.69														
	RC20416	0.475	0.3	462																		
204.22																						
	RC20417	0.066	0.2	691																		
205.74																						
	RC20418	0.012	0.2	54																		
207.26																						
	RC20419	0.255	0.2	38		lp			CC	4	PER											
208.79																						
	RC20421	0.313	0.5	1345																		
210.31																						
	RC20422	0.189	0.2	697																		
211.84																						
	RC20423	0.389	0.3	1535																		
213.36					213.36			213.36				213.36										

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-023
Length (m) 213.42
Log Date 19/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	6.10	Xq	0	quartz-muscovite schist/micaceous quartzite. Very quartz rich, ~85%
6.10	9.14	Xqp	0	predominantly quartz-muscovite-chlorite-biotite schist with up to 20% quartz-muscovite schistose quartzite.
9.14	33.53	Xqp	0	quartz-muscovite-chlorite+-biotite schist, locally biotite becomes more abundant than muscovite. For example, some specimens are more quartz rich with biotite predominant 2nd mineral.
33.53	44.20	Xqp	0	predominantly quartz-muscovite+biotite schist, with ~10% quartz-muscovite schist/micaceous quartzite and some rare quartz-chlorite schist devoid of any biotite.
44.20	50.29	Xqp	0	predominantly quartz-muscovite schist with up to ~20% quartz-muscovite-biotite schist. The quartz-muscovite schist is locally overprinted by greenish sericite alteration. Also, a rare, fine, <0.5mm elongate, prismatic crystal, light brownish, translucent, hard, brittle, which I believe may be tourmaline. Best example is at 605-610 ft. where the tourmaline becomes very abundant and reaches up to 2mm size. The tourmaline seems to be confined to the sericitically altered intervals, although noticed in 'unaltered' muscovite schists as well.
50.29	51.82	Xqp	0	quartz-muscovite-biotite schist. (Minerals listed in order of most abundant to the least abundant.
51.82	54.86	Xq	0	quartz-muscovite schist/micaceous quartzite with trace biotite. Quartz is locally greater or lesser than the muscovite component.
54.86	56.39	Xqp	0	quartz-muscovite+-sericite schist with about half quartz-muscovite-biotite-trace chlorite schist
56.39	67.06	Xqp	0	quartz-muscovite-biotite+-chlorite schist. Locally biotite becomes more dominant than muscovite, at maybe 60:40 biotite to muscovite, though normally biotite is <40:60, biotite to muscovite. Also, chlorite in some 'chips' becomes more abundant than biotite and equal to muscovite
67.06	70.10	Xqp	0	quartz-muscovite-chlorite schist.
70.10	79.25	Xqp	0	some patchy sericite alteration, also some chlorite rich schist; lith1 min: q+m+b; lith2 min: q+c+m
79.25	82.30	Xq	0	minor quartz-muscovite-biotite schist, about 5-10%. The quartz-muscovite-sericite schist varies from mostly quartz to locally greater muscovite/sericite than quartz.
82.30	91.44	Xqp	0	minor quartz-muscovite schist/micaceous quartzite, ~5-10%. Predominantly quartz-muscovite-biotite-chlorite schist
91.44	92.96	Xqp	0	lith1 min: q+m+ser+tm; weak greenish tint from minor weak sericite. Also, a rare, fine, <0.5mm elongate, prismatic crystal, light brownish, translucent, hard, brittle, which I believe may be tourmaline. Best example is at 605-610 ft. where the tourmaline becomes vey abundant and reaches up to 2mm size. The tourmaline seems to be confined to the sericitically altered intervals though noticed in non-sericitically altered schists as well.
92.96	102.11	Xqp	0	Predominantly quartz-muscovite-biotite+-chlorite schist, with ~10% quartz-muscovite+-sericite quartzite. The sericite is a weak overprint.

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-023
Length (m) 213.42
Log Date 19/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
102.11	106.68	Xqp	0	quartz-muscovite-sericite schist, weak greenish sericite overprinting muscovite. Also, a rare, fine, <0.5mm elongate, prismatic crystal, light brownish, translucent, hard, brittle, which I believe may be tourmaline. Best example is at 605-610 ft. where the tourmaline becomes vey abundant and reaches up to 2mm size.
106.68	115.82	Xqp	0	quartz-muscovite-biotite schist, trace chlorite
115.82	131.06	Xqp	0	quartz-muscovite schist with minor sericite. Quartz-muscovite-chlorite+-biotite schist, ~10%. Also, a rare, fine, <0.5mm elongate, prismatic crystal, light brownish, translucent, hard, brittle, which I believe may be tourmaline. Best example is at 605-610 ft. where the tourmaline becomes vey abundant and reaches up to 2mm size. The tourmaline seems to be confined to the sericitically altered intervals.
131.06	134.11	Xqp	0	10-15% quartz-muscovite-chlorite schist and quartz-muscovite+-sericite schist. Minor sericite overprinting of muscovite.
134.11	143.26	Xqp	0	quartz-muscovite-sericite-trace biotite schist. Also, a rare, fine, <0.5mm elongate, prismatic crystal, light brownish, translucent, hard, brittle, which I believe may be tourmaline. Best example is at 605-610 ft. where the tourmaline becomes vey abundant and reaches up to 2mm size.
143.26	150.88	Xqp	0	quartz-muscovite-biotite schist and 50% quartz-muscovite schist/micaceous quartzite. Quartz-muscovite schist has a yellowish overprint on the muscovite, maybe sericite?
150.88	166.12	Xqp	0	quartz-muscovite-sericite-trace biotite. Weak-moderate sericite overprint. Also, a rare, fine, <0.5mm elongate, prismatic crystal, light brownish, translucent, hard, brittle, which I believe may be tourmaline. Best example is at 605-610 ft. where the tourmaline becomes vey abundant and reaches up to 2mm size.
166.12	169.16	Xqp	0	lith1 min: q+m+b+ser; more biotite than previous interval and pervasive weak to moderate sericite overprint.
169.16	179.83	Xqp	0	quartz-muscovite-sericite schist. Sericite overprinting muscovite, weak to medium strong, slight greensh-yellow tint under microscope. Chlorites and biotites were probably present before the alteration, therefore, could plot as an altered quartz-muscovite-chlorite-biotite schist
179.83	185.93	Xqp	0	quartz-muscovite-chlorite-biotite schist. Some sericite overprinting muscovite. Also, a rare, fine, <0.5mm elongate, prismatic crystal, light brownish, translucent, hard, brittle, which I believe may be tourmaline. Best example is at 605-610 ft. where the tourmaline becomes vey abundant and reaches up to 2mm size. The tourmaline seems to be confined to the sericitically altered intervals, though tourmaline shows up in the unaltered schists against muscovite 'backdrop'

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-023
Length (m) 213.42
Log Date 19/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
185.93	195.07	Xq	0	predominantly quartz muscovite schist/micaceous quartzite with sericite overprint. Quartz-muscovite-biotite+-chlorite schist, ~10%, fresher, not sericite altered. Also, a rare, fine, <0.5mm elongate, prismatic crystal, light brownish, translucent, hard, brittle, which I believe may be tourmaline. Best example is at 605-610 ft. where the tourmaline becomes veRy abundant and reaches up to 2mm size.
195.07	202.69	Ip	0	~15% biotite, ~4% chlorite, ~30-40% quartz, ~49-39% sericite after feldspar, granitoid.
202.69	213.36	Ip	0	~15% biotite, ~4% chlorite, 2% calcite, ~30-40% quartz, ~49-39% feldspar, fresh granitoid. End of Hole.

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
76.20	82.30	WM	0	light green sericite overprinting muscovite layers
92.96	106.68	WM	0	light green sericite overprinting muscovite layers.
115.82	131.06	WM	0	light green sericite overprinting muscovite layers.
153.92	164.59	FEO	0	light green sericite overprinting muscovite layers.
164.59	195.07	WM	0	light green sericite overprinting muscovite layers.
195.07	202.69	WM	0	greenish sericite overprinting the IP, granitoid
202.69	213.36	CC	0	calcite interstitial to other mineral grains

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
0.00	3.05	ASPY	0	trace, in at least 2 veins, for two intervals
35.05	38.10	PY	0	trace pyrite
42.67	47.24	ASPY	0	about even, arsenopyrite to pyrite, occurring in portion of lith and in veins
67.06	68.58	AS	0	occurring in sericite alteration halo
80.77	82.30	AS	0	most arsenopyrite occurring in the sericitically altered halo
99.06	100.58	AS	0	pyrite occurs in a few of the chip samples
100.58	106.68	AS	0	sulphide occurs in sericitically altered host rock, locally
106.68	108.20	AS	0	only in vein and sericite halo to vein
117.35	123.44	AS	0	aspy in sericite altered rock
123.44	131.06	PY	0	not all sample pieces have sulphides, but a large and consistent portion
134.11	137.16	AS	0	trace sulphides with sericite alteration, and occurring in a few of the rock chips
138.68	152.40	ASPY	0	trace to 2% locally, in sericitically altered wall rock

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-023
Length (m) 213.42
Log Date 19/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
153.92	166.12	PY	0	not all fragments are mineralized, and sulphides occur in sericitized rock
166.12	181.36	PY	0	pyrite is more abundant than arsenopyrite, which is trace. Locally in a few 'chips'
182.88	185.93	AS	0	locally up to 2% arsenopyrite in some clasts
185.93	193.55	AS	0	trace arsenopyrite
193.55	195.07	AS	0	jam/boulangerite very rare
195.07	196.60	PY	0	rare, pyrite grains, .5%
196.60	198.12	PY	0	occurring in only ~10% of the clasts
198.12	213.36	PY	0	trace pyrite throughout

VEINS

mFrom	mTo	Vein1	Relog	Comments
0.00	3.05	QZ	0	trace arsenopyrite
4.57	6.10	QCLS	0	minor chlorite and trace arsenopyrite
7.62	9.14	QCL	0	trace chlorite
28.96	30.48	QZ	0	trace blackish mineral as inclusions in clear qz
35.05	38.10	QZ	0	qz veins with trace pyrite. Calcite as hairline fracture fillings.
38.10	39.62	QCL	0	probably a meta-qz vein parallel with foliation, as seen in core holes
41.15	42.67	QZ	0	with sericite-arsenopyrite halo
42.67	45.72	QS	0	5% arsenopyrite, 1% pyrite in quartz fragment. Sericite in in wallrock.
48.77	50.29	QS	0	~1-2% pyrite+arsenopyrite
50.29	51.82	QC	0	with trace pyrite
67.06	68.58	QZ	0	with 1% arsenopyrite in sericite alteration halo
70.10	79.25	QZ	0	no sulphides, granular quartz with 120 degree angles between grains
80.77	82.30	QS	0	trace arsenopyrite
96.01	97.54	QPY	0	2% pyrite in small fragment
121.92	131.06	QZ	0	trace amounts of veins
134.11	137.16	QS	0	pyrite+arsenopyrite trace in veins
138.68	152.40	QZ	0	trace quartz vein, 1-2mm size fragments
153.92	166.12	QS	0	trace arsenopyrite and pyrite in veins
181.36	182.88	QAS	0	with arseno+trace blackish needles, probably boulangerite
193.55	195.07	QZ	0	quartz with trace boulangerite as dark blackish-grey needles.
201.17	202.69	QZ	0	no visible sulphides in the vein clasts

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name
Length (m)
Log Date

GDRC10-023
213.42
19/10/2010

LITHO				
mFrom	mTo	Lith1	Relog	Comments

STRUCTURES				
mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Aorta

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-024

Length (m) 230.18

Size 5.125

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 13/09/2010

Date Finished 19/09/2010

Other Hole name Aort_SRC_019

Cassing Pulled No

Cassing (m) 21.42

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Karin Fecova

Log Date 21/10/2010

Target

Hole Comments survey tools: GPS and compass; surveyed and sampled by Tyler Bourne, logged by Karin Fecova; conventional hammer 5 1/8"; casing 6 5/8"; csing left in the ground

Collar survey Date

Survey By Tyler Bourne

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,845.00	7,072,538.00	1,397.00	180.00	-70.00
Preferred	UTM83-8	439,845.00	7,072,538.00	1,397.00	180.00	
Local						
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10134980	01/10/2010	0.00	38.10	0
ALS	QC-OK	WH10134981	02/10/2010	38.10	88.39	0
ALS	QC-OK	WH10137336	06/10/2010	138.68	188.98	0
ALS	QC-OK	WH10137374	06/10/2010	88.39	138.68	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC12130	21.34	22.86	2-FDU	0	0.29	4.42	WH10134980
RC12170	77.72	79.25	2-FDU	0	0.13	5.92	WH10134981
RC12200	118.87	120.40	2-FDU	0	0.08	7.12	WH10137374
RC12240	175.26	176.78	2-FDU	0	0.01	6.84	WH10137336
RC12270	217.93	219.46	2-FDU	0	0.14	6.24	WH10137335
RC12120			Blk	0	0.00	0.40	WH10134980
RC12150			Blk	0	0.01	0.36	WH10134981
RC12180			Blk	0	0.00	0.32	WH10137374
RC12220			Blk	0	0.01	0.40	WH10137336
RC12190			SRM_OR-15h	0	0.95	0.08	WH10137374
RC12230			SRM_OR-15h	0	1.02	0.08	WH10137336
RC12260			SRM_OR-15h	0	1.07	0.08	WH10137335
RC12160			SRM_OR-16b	0	2.22	0.08	WH10134981

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
17	15	30	0	0	0	40	0	0

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-024
Length (m) 230.18
Log Date 21/10/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC12114	0.078	0.1	961																		
1.52																						
	RC12115	0.17	0.1	615																		
3.05																						
	RC12116	0.01	0.1	399																		
4.57																						
	RC12117	0.113	0.1	668																		
6.10																						
	RC12118	0.19	0.2	1470																		
7.62																						
	RC12119	0.071	0.1	798																		
9.14																						
	RC12121	0.118	0.1	1210																		
10.67																						
	RC12122	0.174	0.1	1580																		
12.19																						
	RC12123	0.162	0.4	1730																		
13.72																						
	RC12124	0.123	0.2	1460	Xqp	Xq																
15.24																						
	RC12125	0.104	0.1	1480																		
16.76																						

No Data

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-024
Length (m)	230.18
Log Date	21/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
18.29	RC12126	0.183	0.1	1460					FEO	5	PER	24.38			0.5	VN1						
19.81	RC12127	0.235	0.1	835																		
21.34	RC12128	2.71	0.7	4910																		
22.86	RC12129	0.42	0.2	1390																		
24.38	RC12131	0.119	0.1	949																		
25.91	RC12132	0.093	0.1	778																		
27.43	RC12133	0.079	0.1	772																		
28.96	RC12134	0.386	0.4	841	VNq																	
30.48	RC12135	0.156	0.3	2230																		
32.00	RC12136	0.028	0.1	539																		
33.53	RC12137	0.08	0.1	1110																		

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-024
Length (m)	230.18
Log Date	21/10/2010

Assays					Litho			Alteration			Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur			
35.05	RC12138	0.116	0.2	2030	40.00	Xqp	Xq	40.00	WM	4	PAT	40.00	No Data							
36.58	RC12139	0.087	0.1	815																
38.10	RC12140	0.115	0.1	602																
39.62	RC12141	0.205	0.1	2390																
41.15	RC12142	0.416	0.2	1960																
42.67	RC12143	0.101	0.1	1380																
44.20	RC12144	0.46	0.1	1060																
45.72	RC12145	0.136	0.1	1450																
47.24	RC12146	0.303	0.5	2040																
48.77	RC12147	0.764	0.2	2480																
50.29	RC12148	0.154	0.1	1390																

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-024
Length (m)	230.18
Log Date	21/10/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-024
Length (m) 230.18
Log Date 21/10/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC12162	0.229	0.1	1320																		
68.58																						
	RC12163	0.16	0.5	620																		
70.10																						
	RC12164	1.3	0.6	468																		
71.63																						
	RC12165	0.726	0.3	507																		
73.15																						
	RC12166	0.179	0.4	733																		
74.68																						
	RC12167	0.08	0.2	569																		
76.20																						
	RC12168	0.026	0.1	364																		
77.72																						
	RC12169	0.044	0.1	344																		
79.25																						
	RC12171	0.046	0.1	1230																		
80.77																						
	RC12172	0.019	0.1	568				FEO	5		PER											
82.30																						
	RC12173	0.038	0.2	1020																		
83.82																						

No Data

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-024
Length (m)	230.18
Log Date	21/10/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-024
Length (m) 230.18
Log Date 21/10/2010

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur			
102.11	RC12186	0.025	0.1	259								111.25												
103.63	RC12187	0.029	0.1	506																				
105.16	RC12188	0.071	0.2	649																				
106.68	RC12189	0.033	0.1	523																				
108.20	RC12191	0.074	0.1	256																				
109.73	RC12192	0.122	0.2	582																				
111.25	RC12193	0.061	0.1	607																				
112.78	RC12194	0.048	0.1	1000									0.5		LITH									
114.30	RC12195	0.184	0.5	2700									No Data											
115.82	RC12196	0.277	1	1570											0.5		VN							
117.35	RC12197	0.12	0.7	638	No Data																			
117.35					117.35			117.35				117.35												

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-024
Length (m)	230.18
Log Date	21/10/2010

Assays					Litho			Alteration				Mineralization																										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur																
118.87	RC12198	0.084	0.5	376	Xqp			118.87	FEO	2	PAT	118.87	15	VN																								
120.40	RC12199	0.164	0.4	348								120.40	120.40	120.40									1.5	FOL														
121.92	RC12201	0.153	0.2	1360	Xqp			121.92				121.92	35	STR																								
123.44	RC12202	0.098	0.5	807								123.44	1.5	LITH																								
124.97	RC12203	0.051	0.5	357								No Data																										
126.49	RC12204	0.832	0.8	3610																																		
128.02	RC12205	0.17	0.1	1140																																128.02	128.02	No Data
129.54	RC12206	0.133	0.1	1335																																129.54	129.54	No Data
131.06	RC12207	0.086	0.1	532																							131.06	0.5	VN									
132.59	RC12208	0.151	0.1	1510																							132.59	132.59	0.5								FOL	
134.11	RC12209	0.103	0.1	690																							134.11	134.11	1.5								FOL	

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-024
Length (m) 230.18
Log Date 21/10/2010

Assays					Litho			Alteration				Mineralization																																		
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite																									
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur																								
	RC12210	0.018	0.1	198	Xq								No Data																																	
135.64																					135.64																									
	RC12211	0.068	0.4	874	137.16								0.5	VN																																
137.16																																														
	RC12212	0.09	0.1	823	Xqp								No Data																																	
138.68																																														
	RC12213	0.19	0.2	2140									140.21								1.5	VN																								
140.21																																														
	RC12214	0.046	0.1	366																	No Data																									
141.73																																														
	RC12215	0.24	0.3	1390									143.26								1.5	VN																								
143.26																																														
	RC12216	0.122	0.1	502																																										
144.78																																														
	RC12217	0.113	0.1	696																																										
146.30																																														
	RC12218	0.234	0.2	969																																										
147.83																																														
	RC12219	0.194	0.1	1610																																										
149.35																																														
	RC12221	0.108	0.1	1410																																										
150.88																																														

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-024
Length (m)	230.18
Log Date	21/10/2010

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur		
152.40	RC12222	0.05	0.1	403				152.40				152.40												
153.92	RC12223	0.148	0.2	475					WM	4	PAT	153.92	1.5	VS										
155.45	RC12224	0.255	0.6	5600					FEO	2	PAT	155.45	1.5	FOL										
156.97	RC12225	0.224	0.3	3230														0.5	VN					
158.50	RC12226	0.891	0.1	558	158.50	Xqp																		
160.02	RC12227	0.138	0.1	1360	No Data																			
161.54	RC12228	0.076	0.1	1020																				
163.07	RC12229	0.212	0.1	2460	163.07																			
164.59	RC12231	0.61	0.1	2050																				
166.12	RC12232	0.529	0.2	1550																				
167.64	RC12233	0.029	0.1	158																				

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
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Hole name GDRC10-024
Length (m) 230.18
Log Date 21/10/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur		
169.16	RC12234	0.232	0.2	2960		Xqp						169.16											
170.69	RC12235	0.046	0.3	510																			
172.21	RC12236	0.045	0.2	486																			
173.74	RC12237	0.076	0.2	687				173.74															
175.26	RC12238	0.253	0.3	1420				FEO	2	PAT													
176.78	RC12239	0.048	0.2	53	176.78			176.78	No Data														
178.31	RC12241	0.035	0.2	203		Xqp						178.31											
179.83	RC12242	0.172	0.1	768				179.83	FEO	2	PAT												
181.36	RC12243	0.077	0.5	591								3.5	FOL										
182.88	RC12244	0.102	0.5	595											182.88								
184.40	RC12245	0.046	0.2	320											No Data								

Hole name	GDRC10-024
Length (m)	230.18
Log Date	21/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
185.93	RC12246	0.059	0.2	830	185.93 187.45 188.98 190.50 192.02 193.55 195.07	Xqp		185.93				185.93	1.5	LITH								
187.45	RC12247	0.124	0.5	1130																		
188.98	RC12248	0.038	0.3	514																		
190.50	RC12249	0.033	0.1	311																		
192.02	RC12250	0.052	0.3	267																		
193.55	RC12251	0.027	0.1	233																		
195.07	RC12252	0.036	0.1	85																		
196.60	RC12253	0.095	0.2	521	196.60 198.12	Xqp		196.60	FEO	2	PAT	198.12										
198.12	RC12254	0.047	0.1	251																		
199.64	RC12255	0.557	0.6	669	199.64 201.17			199.64				199.64										
201.17	RC12256	0.037	0.1	101																		

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-024
Length (m)	230.18
Log Date	21/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
202.69	RC12257	0.264	0.2	548	202.69 204.22 205.74 207.26 208.79 210.31	Xqp		202.69	No Data			202.69	0.5	VN								
204.22	RC12258	0.114	0.1	284																		
205.74	RC12259	0.223	0.8	2240																		
207.26	RC12261	0.217	0.4	1840																		
208.79	RC12262	0.248	1.5	1190																		
210.31	RC12263	0.309	1.7	3720																		
211.84	RC12264	0.545	98	6580	211.84	VNq		211.84	WM	1	PAT	211.84	0.5	VN	1.5	VN						
213.36	RC12265	0.333	43.8	3100	213.36 214.88 216.41 217.93			213.36				213.36	0.5	VN	0.5	VN						
214.88	RC12266	0.224	2.7	1270																		
216.41	RC12267	0.2	2.4	807																		
217.93	RC12268	0.152	1.2	1590																		

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-024
Length (m) 230.18
Log Date 21/10/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
219.46	RC12269	0.134	0.5	465	Xqp			220.98														
220.98	RC12271	0.171	0.2	655																		
222.50	RC12272	0.045	0.3	314				FEO	2	PAT												
224.03	RC12273	0.188	0.9	1540																		
225.55	RC12274	0.042	0.3	468																		
227.08	RC12275	0.131	1	535																		
228.60	RC12276	0.118	0.2	511																		
230.12	RC12277	0.295	0.4	992	230.12			230.12														

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-024
Length (m) 230.18
Log Date 21/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	27.43	Xqp	0	Most clasts are completely oxidized, however a few are only partially oxidized. Quartz-muscovite-biotite+-chlorite schist predominates, with a quartz-muscovite schist occurring as clasts throughout. Chlorite is not consistently present.
27.43	28.96	VNq	0	most of the frags are oxid qz vn
28.96	51.82	Xqp	0	Most clasts are completely oxidized, however a few are only partially oxidized. Quartz-muscovite-biotite+-chlorite schist predominates, with a quartz-muscovite schist occurring as clasts throughout. Chlorite is not consistently present.
51.82	54.86	Xq	0	schistose musc qtzite domint
54.86	117.35	Xqp	0	Most clasts are completely oxidized, however a few are only partially oxidized. Quartz-muscovite-biotite+-chlorite schist predominates, with a quartz-muscovite schist occurring as clasts throughout. Chlorite is not consistently present.
117.35	120.40	Xqp	0	quartz-muscovite-biotite+-chlorite schist. Chlorite is not always present, but can reach up to greater percentages than biotite locally within clasts.
120.40	134.11	Xqp	0	Quartz-muscovite-biotite+-chlorite schist. Chlorite is not always present, but can reach up to greater percentages than biotite locally within clasts.
134.11	137.16	Xq	0	light green(chlor)-pink (gt) schist; lith1 min:m+c+b+g?
137.16	158.50	Xqp	0	Quartz-muscovite-biotite+-chlorite schist. Chlorite is not always present, but can reach up to greater percentages than biotite locally within clasts.
158.50	163.07	Xqp	0	light green(chlor)-pink (gt) schist; lith1 min:m+c+b+g?
163.07	176.78	Xqp	0	Quartz-muscovite-biotite+-chlorite schist. Chlorite is not always present, but can reach up to greater percentages than biotite locally within clasts.
176.78	179.83	Xqp	0	quartz-muscovite-biotite schist. Biotite is more abundant than muscovite in some clasts. Also, abundant white quartz grains, recorded as veining.
179.83	195.07	Xqp	0	quartz-muscovite-biotite+-chlorite schist. Quartz is granular with 120 degree angle between crystal facies
195.07	198.12	Xqp	0	quartz-muscovite-biotite+-chlorite schist.
198.12	210.31	Xqp	0	quartz-muscovite-biotite+-chlorite schist
210.31	211.84	VNq	0	Granular quartz with euhedral to subhedral, <1cm long crystals, with trace white feldspars, trace calcite interstitial to qtz grains, and up to 1% diss arsenopyrite.
211.84	230.12	Xqp	0	eoh; quartz-muscovite-biotite+-chlorite schist. Quartz is frequently granular with 120 degree grain boundaries. Also, some trace calsite interstitial to grains. End of hole.

ALTERATION

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-024
Length (m) 230.18
Log Date 21/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
mFrom	mTo	Lith1	Relog	Comments
0.00	44.20	FEO	0	orange oxidized rock; feo coating clasts and moder pervesive
44.20	45.72	WM	0	light greenish-yellow sericite overprinting muscovite. Also, some tourmaline crystals, very small, rare.; feo coating clasts and moder pervesive
45.72	117.35	FEO	0	moderate oxidtn of clast, but mostly feo coating the whole clast, it doesn't seem to be completely pervasive
117.35	120.40	FEO	0	feo on frac of some clasts
128.02	129.54	FEO	0	feo on frac of some clasts
152.40	153.92	WM	0	ser halo around qz-py strings
153.92	155.45	FEO	0	feo on frac of some clasts
173.74	175.26	FEO	0	feo on frac of some clasts
176.78	179.83	FEO	0	feo on frac of some clasts
195.07	198.12	FEO	0	feo on frac of some clasts
207.26	210.31	FEO	0	feo on frac of some clasts
210.31	211.84	WM	0	light greenish sericite overprinting white muscovite, very rare within interval but consistently present, also rare <1mm tourmaline crystals
211.84	220.98	FEO	0	feo on frac of some clasts
220.98	230.12	FEO	0	feo on frac of some clasts

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
24.38	25.91	AS	0	trace arsenopyrite
85.34	86.87	PY	0	in qz-musc schist
111.25	112.78	PY	0	in qz rich musc schist
114.30	115.82	AS	0	0.5mm aspy in frac of vein
117.35	118.87	PY	0	min1 py occuring in schist often along foliations, locally up to 15% in <1cm size rock chips; min 2 in vn and selv in form of fg cubes; min 3 intergrowths of py and aspy (<0.5mm) in frac of vn
118.87	120.40	PY	0	py occuring in schist often along foliations, locally up to 15% in <1cm size rock chips
120.40	121.92	PY	0	py occuring in schist often along foliations, locally up to 15% in <1cm size rock chips; w fd py up to 50% in the string
121.92	123.44	PY	0	min1 white/cream-gy qz-fspar(?) w 2% 0.5mm py cxls mostly in white/creamy part (within fspar?); min2 py occuring in schist often along foliations, locally up to 15% in <1cm size rock chips;

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-024
Length (m) 230.18
Log Date 21/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
123.44	128.02	PY	0	py occuring in schist often along foliations, locally up to 15% in <1cm size rock chips; min 2 w traces of bluish-grey sulph in selv and fracs
129.54	131.06	PY	0	w 1mm py cubes in vn
131.06	132.59	ASPY	0	1mm aspy and py clusters in vn
135.64	137.16	SUL	0	5 mm thick qz vn w vfg blackis-gray undiff sulph and 1% 0.5 mm py cxls in fracs of vn
138.68	140.21	PY	0	occurring in one to two quartz rich muscovite schist clasts with fine trace tourmaline.
141.73	143.26	PY	0	w 1mm py cxls in vn
155.45	156.97	AS	0	trace of diss aspy in qz vn
163.07	164.59	PO	0	po assoctd w chlor in fracs of qz
184.40	185.93	PY	0	in qz-fspathic schist
202.69	204.22	PY	0	trace
210.31	211.84	AS	0	Up to 7% arsenopyrite in individual clasts. Trace pyrite. Other clasts have no sulphide. Sulphs assoctd w sericite in vn vugs
214.88	230.12	PO	0	Trace Po follows foliation.

VEINS

mFrom	mTo	Vein1	Relog	Comments
6.10	7.62	QCLI	0	trace of undiff sulphs
9.14	16.76	QCLI	0	trace of undiff sulphs
16.76	21.34	QCLI	0	trace of undiff sulphs
21.34	27.43	QCLI	0	trace of undiff sulphs
27.43	28.96	QI	0	trace of undiff sulphs
28.96	30.48	QI	0	trace of undiff sulphs
30.48	33.53	QI	0	trace of undiff sulphs
33.53	50.29	QI	0	trace of undiff sulphs
57.91	62.48	QI	0	trace of undiff sulphs
62.48	64.01	QS	0	3mm thick w trace py in selv
64.01	68.58	QI	0	trace of undiff sulphs
73.15	77.72	QI	0	trace of undiff sulphs
80.77	83.82	QI	0	trace of undiff sulphs
88.39	96.01	QI	0	trace of undiff sulphs
96.01	97.54	QI	0	trace of undiff sulphs
100.58	102.11	QI	0	trace of undiff sulphs

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-024
Length (m) 230.18
Log Date 21/10/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
111.25	112.78	QI	0	trace of undiff sulphs
114.30	115.82	QAS	0	0.5mm aspy in frac of vein
115.82	117.35	QZ	0	trace of undiff sulphs
117.35	118.87	QPY	0	vn1 w fdiss py in vn and selv; vn2 fdiss aspy and dis py in frac of vn
118.87	120.40	QZ	0	no vis min
120.40	121.92	QCS	0	w fd py up to 50% in the string
121.92	123.44	QFS	0	white/cream-gy qz-fspar(?) w 2% 0.5mm py cxls mostly in white/creamy part (within fspar?)
126.49	128.02	QS	0	w traces of bluish-grey sulph in selv and frac
129.54	131.06	QPY	0	w 1mm py cubes in vn
131.06	132.59	QS	0	1mm aspy and py clusters in vn
135.64	137.16	QS	0	5 mm thick qz vn w vfg blackis-gray undiff sulph and 1% 0.5 mm py cxls in frac of vn
141.73	143.26	QPY	0	w 1mm py cxls in vn
143.26	147.83	QCLS	0	w po assoctd w chlor in vn
152.40	153.92	QPY	0	w 2% 0.5mm diss py in ser halo; vn2 po assoctd w chlor
155.45	156.97	QIS	0	w trace fd aspy in qz vn
163.07	164.59	QCLS	0	w chlor and assoctd po in frac of vn
176.78	182.88	QZ	0	no vis min
196.60	199.64	QZ	0	no vis min
202.69	205.74	QCLS	0	1% pyrite, granular qz
210.31	211.84	QFS	0	Granular quartz with euhedral to subhedral, <1cm long crystals, with trace white feldspars, trace calcite interstitial to qtz grains, and up to 1% diss arsenopyrite. And light green sericite associatd w sulph and locatd in vugs of vns; likely massive vein
211.84	230.12	QZ	0	trace arsenopyrite and pyrite

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Harvey

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-025

Length (m) 222.56

Size 5.125

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 13/09/2010

Date Finished 21/09/2010

Other Hole name Harv_SRC_010

Cassing Pulled Yes

Cassing (m) 6.12

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Target

Log Date 15/11/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Tyler Bourne, logged by Shane Carlos; center flow hammer 5" (as recorded in driller's time sheet)'; casing 6 5/8"

Collar survey Date

Survey By Tyler Bourne

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	439,499.00	7,072,648.00	1,510.00	0.00	-90.00
Preferred	UTM83-8	439,499.00	7,072,648.00	1,510.00	0.00	
Local						
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	WH10134983	02/10/2010	0.00	15.24	0
ALS	QC-OK	WH10137333	05/10/2010	201.17	222.50	0
ALS	QC-OK	WH10137371	05/10/2010	166.12	201.17	0
ALS	QC-OK	WH10137372	06/10/2010	115.82	166.12	0
ALS	QC-OK	WH10137373	08/10/2010	65.53	115.82	0
ALS	QC-OK	WH10137375	06/10/2010	15.24	65.53	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC20460	50.29	51.82	2-FDU	0	0.03	5.38	WH10137375
RC20500	106.68	108.20	2-FDU	0	0.08	5.44	WH10137373
RC20510	120.40	121.92	2-FDU	0	0.05	7.00	WH10137372
RC20560	190.50	192.02	2-FDU	0	0.01	8.72	WH10137371
RC20580	217.93	219.46	2-FDU	0	0.01	5.94	WH10137333
RC20440			Blk	0	0.00	0.44	WH10137375
RC20490			Blk	0	0.01	0.34	WH10137373
RC20520			Blk	0	0.00	0.36	WH10137372
RC20570			Blk	0	0.00	0.32	WH10137333
RC20450			SRM_OR-15h	0	1.04	0.08	WH10137375
RC20480			SRM_OR-15h	0	1.02	0.08	WH10137373
RC20530			SRM_OR-15h	0	1.03	0.08	WH10137372
RC20550			SRM_OR-15h	0	1.02	0.08	WH10137371

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
21	12	21	0	0	0	45	0	0

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-025
Length (m)	222.56
Log Date	15/11/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur			
1.52	RC20424	0.076	0.4	818		Xqp	Xq		FEO	5	PER														
3.05	RC20425	0.108	0.6	1305																		3.05		No Data	
4.57	RC20426	0.211	0.5	979	4.57	VNq	Xqp					4.57													
6.10	RC20427	0.051	0.3	869								6.10	0.5	VN											
7.62	RC20428	0.016	0.2	418																					
9.14	RC20429	0.07	0.1	386															No Data						
10.67	RC20430	0.052	0.6	595															10.67						
12.19	RC20431	0.062	0.2	673															12.19	WM	5	PAT		0.5	VN
13.72	RC20432	0.093	0.4	1325																					
15.24	RC20433	0.122	0.4	1400	No Data																				
16.76	RC20434	0.134	0.2	1255	16.76																				

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-025
Length (m)	222.56
Log Date	15/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-025
Length (m) 222.56
Log Date 15/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
	RC20447	0.144	0.3	1595																		
35.05																						
	RC20448	0.029	0.1	775																		
36.58					38.10																	
	RC20449	0.044	0.2	1110																		
38.10					39.62	Xqp	VNq															
	RC20451	0.559	0.2	316																		
39.62									FEO	5	PER											
	RC20452	0.226	0.3	543																		
41.15																						
	RC20453	0.114	0.3	808																		
42.67																						
	RC20454	0.076	0.1	635																		
44.20																						
	RC20455	0.038	0.1	718																		
45.72					Xqp	Xq																
	RC20456	0.045	0.1	893																		
47.24																						
	RC20457	0.005	0.1	336																		
48.77																						
	RC20458	0.007	0.1	145																		
50.29																						

No Data

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-025
Length (m)	222.56
Log Date	15/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
51.82	RC20459	0.026	0.1	762	53.34																	
53.34	RC20461	0.276	0.1	491																		
54.86	RC20462	0.063	0.1	675	54.86	VNq	Xqp															
56.39	RC20463	0.023	0.1	697																		
57.91	RC20464	0.586	0.2	1025																		
59.44	RC20465	0.035	0.1	555																		
60.96	RC20466	0.092	0.6	509																		
62.48	RC20467	0.156	0.7	656																		
64.01	RC20468	0.497	14.9	2170	Xqp	Xq																
65.53	RC20469	0.128	1.1	962																		
67.06	RC20470	0.308	0.6	1885																		

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-025
Length (m)	222.56
Log Date	15/11/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur						
68.58	RC20471	0.324	0.3	626								70.10											
70.10	RC20472	0.118	1	1940																			
71.63	RC20473	0.066	0.1	519															0.5	VN			
73.15	RC20474	0.034	0.1	364	Xqp	Xq			FEO	3	PAT												
74.68	RC20475	0.055	0.1	806																			
76.20	RC20476	0.011	0.1	233																			
77.72	RC20477	0.053	0.1	161																			
79.25	RC20478	0.013	0.1	223																			
80.77	RC20479	0.129	0.3	1115																			
82.30	RC20481	0.095	0.1	133																			
83.82	RC20482	0.008	0.1	117																			

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-025
Length (m)	222.56
Log Date	15/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
85.34	RC20483	0.016	0.1	92	85.34	Xqp	Xq					No Data										
86.87	RC20484	0.008	0.1	150	86.87	Xqp	Xq															
88.39	RC20485	0.016	0.1	71																		
89.92	RC20486	0.009	0.1	45																		
91.44	RC20487	0.0025	0.1	53																		
92.96	RC20488	0.021	0.1	140																		
94.49	RC20489	0.082	0.2	3450																		
96.01	RC20491	0.056	0.1	1955																		
97.54	RC20492	0.215	0.1	961																		
99.06	RC20493	0.016	0.1	176								99.06										
100.58	RC20494	0.298	0.3	5760								0.5	VN									

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-025
Length (m)	222.56
Log Date	15/11/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
102.11	RC20495	0.076	0.1	840															
103.63	RC20496	0.067	0.2	293															
105.16	RC20497	0.03	0.1	141															
106.68	RC20498	0.016	0.1	303															
108.20	RC20499	0.386	0.1	674															
109.73	RC20501	0.066	0.1	139															
111.25	RC20502	0.123	0.5	1130															
112.78	RC20503	0.119	0.3	1830															
114.30	RC20504	0.055	0.2	1020															
115.82	RC20505	0.111	0.1	508															
117.35	RC20506	0.067	0.1	665	Xqp	Xq													

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-025
Length (m)	222.56
Log Date	15/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
135.64	RC20519	0.07	0.3	326								No Data										
137.16	RC20521	0.037	0.1	163																		
138.68	RC20522	0.049	0.2	356																		
140.21	RC20523	0.138	0.1	531																		
141.73	RC20524	0.11	0.3	674																		
143.26	RC20525	0.061	0.2	435																		
144.78	RC20526	0.044	0.1	208	144.78	VNq	Xqp															
146.30	RC20527	0.042	0.2	188																		
147.83	RC20528	0.037	0.1	222								147.83	0.5	VN								
149.35	RC20529	0.044	0.1	324																		
150.88	RC20531	0.082	0.1	372																		

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-025
Length (m) 222.56
Log Date 15/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur	
152.40	RC20532	0.026	0.1	148	158.50	Xq	Xqp	153.92	WM	4	PER	No Data										
153.92	RC20533	0.13	0.1	164				153.92														
155.45	RC20534	0.084	0.2	557				155.45				1.5	VN									
156.97	RC20535	0.129	0.7	729				156.97				No Data										
158.50	RC20536	0.051	0.3	621				158.50														
160.02	RC20537	0.127	0.8	699	160.02	VNq						160.02	3.5	VN	0.5	VN						
161.54	RC20538	0.039	0.5	240					FEO	2	PAT	No Data										
163.07	RC20539	0.14	0.7	1490								163.07	1.5	VN								
164.59	RC20540	0.167	1.7	1220								164.59	No Data									
166.12	RC20541	0.235	1.9	1480								166.12	1.5	LITH								
167.64	RC20542	0.057	0.4	411								No Data										

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-025
Length (m) 222.56
Log Date 15/11/2010

Assays					Litho			Alteration				Mineralization																		
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite									
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur								
	RC20543	0.116	0.1	341								No Data																		
169.16												169.16																		
	RC20544	0.043	0.3	344	170.69			170.69				3.5		VN																
170.69												170.69																		
	RC20545	0.033	0.2	339	Xqp							172.21																		
172.21																														
	RC20546	0.398	0.2	3350								0.5										VN	0.5	VN						
173.74												173.74																		
	RC20547	0.114	0.1	681								No Data																		
175.26																														
	RC20548	0.138	0.3	1710								176.78																		
176.78																														
	RC20549	0.388	0.1	2040																										
178.31																														
	RC20551	0.344	0.3	1010																										
179.83																														
	RC20552	0.503	6.3	5300																										
181.36																														
	RC20553	0.148	0.2	842								182.88																		
182.88																														
	RC20554	0.128	0.5	2990																										
184.40					184.40				No Data				184.40																	

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-025
Length (m)	222.56
Log Date	15/11/2010

[illegible]

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-025
Length (m)	222.56
Log Date	15/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
202.69	RC20567	0.042	0.2	815	202.69 204.22 205.74 207.26 208.79 210.31	Xqp		202.69				208.79 210.31	0.5	VN								
204.22	RC20568	0.026	0.2	120				204.22	WM	4	PER											
205.74	RC20569	0.019	0.2	316				207.26	FEO	4	PER											
207.26	RC20571	0.032	0.2	62																		
208.79	RC20572	0.012	0.2	204																		
210.31	RC20573	0.038	0.1	349																		
211.84	RC20574	0.041	0.5	673	213.36	Xqp																
213.36	RC20575	0.0025	0.2	70																		
214.88	RC20576	0.132	3.9	1010	217.93	Xqp																
216.41	RC20577	0.016	0.5	158																		
217.93	RC20578	0.057	0.2	298																		

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-025
Length (m)	222.56
Log Date	15/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-025
Length (m) 222.56
Log Date 15/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	3.05	Xqp	0	~75% muscovite-chlorite schist, (fine-grained, visible grains but not a well-developed schist, portions here are phyllites), and ~25% micaceous quartzite, (varying from only equigranular, clear quartz to varying amounts of mica and chlorite). (Please note, that all minerals are listed in order of most abundant to least abundant).
3.05	4.57	VNq	0	~50% vein quartz (clasts ~1cm long and wide), ~25% muscovite-chlorite schist, (fine-grained, visible grains but not a well-developed schist), and ~25% micaceous quartzite
4.57	38.10	Xq	0	~40% muscovite-chlorite schist, (fine-grained, visible grains but not a well-developed schist, portions here are phyllites), and ~60% micaceous quartzite, (varying from only equigranular, clear quartz to varying amounts of mica and chlorite)
38.10	39.62	Xqp	0	~40% chlorite-musc schist, quartz poor, ~15% micaceous quartzite with a decent foliation and ~45% fine white opaque quartz, with no visible mineralization
39.62	53.34	Xqp	0	~50% muscovite-chlorite schist, (fine-grained, visible grains, with some fine, trace tourmalines), and ~50% micaceous quartzite, (varying from only equigranular, clear quartz to varying amounts of mica and chlorite)
53.34	54.86	VNq	0	~65% vein quartz. 35% chlorite schist
54.86	71.63	Xqp	0	~40% muscovite-chlorite schist, (fine-grained, visible grains), and ~60% micaceous quartzite, (varying from only equigranular, clear quartz to varying amounts of mica and chlorite)
71.63	82.30	Xqp	0	~50% muscovite-chlorite schist, (fine-grained, visible grains but not a well-developed schist, portions here are phyllites), and ~50% micaceous quartzite, (varying from only equigranular, clear quartz to varying amounts of mica and chlorite)
82.30	85.34	Xqp	0	~75% muscovite-chlorite schist, lith1 min: m+c+b (fine-grained, visible grains, and varying quartz content from 10-50%), and ~25% micaceous quartzite, (varying from only equigranular, clear quartz to varying amounts of mica and chlorite). The difference between these units has to do with the amount of quartz, so some of the rock 'chips' are gradational between quartzite and schist. They are all just part of the same package of originally interlayered sediments.
85.34	86.87	Xqp	0	~75% muscovite-chlorite schist, lith1 min: m+c+b+d , (fine-grained, visible grains, and varying quartz content from 10-50%), and ~25% micaceous quartzite, (varying from only equigranular, clear quartz to varying amounts of mica and chlorite). The difference between these units has to do with the amount of quartz, so some of the rock 'chips' are gradational between quartzite and schist. They are all just part of the same package of originally interlayered sediments. There is also some rare, pale-blue, very hard cordierite grains in the quartzose schist here (now labelled as Xqp).

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-025
Length (m) 222.56
Log Date 15/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
86.87	144.78	Xqp	0	~75% muscovite-chlorite schist,,lith1 min: m+c+b (fine-grained, visible grains, and varying quartz content from 10-50%), and ~25% micaceous quartzite, (varying from only equigranular, clear quartz to varying amounts of mica and chlorite). The difference between these units has to do with the amount of quartz, so some of the rock 'chips' are gradational between quartzite and schist. They are all just part of the same package of originally interlayered sediments.
144.78	146.30	VNq	0	70% fine white opaque quartz-ser with fine-granular pyrite, disseminated, ~30% chlorite-muscovite schist, quartz poor
146.30	158.50	Xq	0	~40% muscovite-chlorite-biotite schist, (fine-grained, visible grains, and varying quartz content from 10-50%), and ~60% micaceous quartzite, (varying from only equigranular, clear quartz to varying amounts of mica and chlorite). The difference between these units has to do with the amount of quartz, so some of the rock 'chips' are gradational between quartzite and schist. They are all just part of the same package of originally interlayered sediments.
158.50	160.02	VNq	0	fine white opaque quartz with fine-granular pyrite, disseminated and as a few 1/2mm thick laminations, sometimes a little bit granular, suggesting maybe some original quartzite as well
160.02	170.69	Xqp	0	muscovite-chlorite+-biotite schist, (fine-grained, visible grains, and varying quartz content from 10-50%)
170.69	184.40	Xqp	0	chlorite-muscovite-biotite schist, quartz is ~45%, minerals are easily distinguishable under microscope, porphyroblastic minerals occur as ~6% disseminated masses, that consist of from outside in, of: 1. biotite rim, 2. light tan soft alteration, 3. cores of ilmenite?, blackish metallic, brittle, black streak, non-magnetic.
184.40	196.60	Xqp	0	muscovite-chlorite-bioite schist, (fine-grained, visible grains), very quartz rich, up to 50% quartz.
196.60	198.12	Xqp	0	chlorite-muscovite schist. Chlorite is more dominant than muscovite
198.12	210.31	Xqp	0	muscovite-chlorite-bioite schist, lith1 min: q+m+c+b , very quartz rich, ~50% quartz
210.31	213.36	Xqp	0	muscovite-chlorite-biotite-andalusite schist. The andalusite candidates are mostly altered to muscovite, and are elongate/porphyroblastic crystal forms/habit, respectively. The schist is fine-grained but minerals are well differentiated as seen under the microscope, so a fairly well-developed schist.
213.36	222.50	Xqp	0	muscovite-chlorite-biotite schist, quartz rich, biotites are often porphyroblastic but only noticeable under high magnification, also occasional pale blue, very hard, rare, <1/2mm cordierite crystals. End of Hole.

ALTERATION

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-025
Length (m) 222.56
Log Date 15/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
mFrom	mTo	Lith1	Relog	Comments
0.00	10.67	FEO	0	orange iron oxidation permeates the schists and quartzites and is coatings on the quartz veins
10.67	12.19	WM	0	Light-pale greenish sericite in a few 'chips.' Orange iron oxidation permeates the schists and quartzites and is coatings on the quartz veins.
12.19	71.63	FEO	0	orange iron oxidation permeates the schists and quartzites and is coatings on the quartz veins
77.72	79.25	WM	0	light yellowish sericite in a few rock 'chips' and orange iron oxidation is patchy
82.30	153.92	FEO	0	orange iron oxide staining occurs mainly as fracture coatings and affects about 40-50% of the rock
153.92	156.97	WM	0	Light yellowish sericite, occurring with abundant disseminated pyrite. Orange iron oxide staining occurs mainly as fracture coatings and affects about 40-50% of the rock
156.97	170.69	FEO	0	orange iron oxide staining is patchy
198.12	202.69	FEO	0	orange iron oxide staining is pervasive
202.69	204.22	WM	0	light yellowish sericite and a secondary orange iron oxide staining
204.22	207.26	FEO	0	orange iron oxide staining

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
4.57	6.10	PY	0	~1% pyrite in vein quartz
10.67	12.19	AS	0	associated with some sericite alteration
70.10	71.63	AS	0	~1%
105.16	106.68	PO	0	in quartzite
109.73	111.25	PY	0	as fine granular layers along foliation in the soft chlorite schist
117.35	118.87	AS	0	in alteration halo around the quart-calcite vein
128.02	129.54	PY	0	trace pyrite
147.83	149.35	PY	0	trace
158.50	160.02	PY	0	~3-4% sulphides
164.59	166.12	PY	0	pyrite occurs as very-fine-grained granular masses in wisps and coatings
169.16	170.69	PY	0	5% pyrite in a single 1.5cm quartz vein 'chip'
172.21	173.74	AS	0	about 1% each
176.78	182.88	PO	0	pyrrhotite aligned along foliation
182.88	184.40	PO	0	aligned along foliation in this chlorite-biotite schist
184.40	185.93	AS	0	arsenopyrite up to 5% in a few clasts, associated with light greenish sericite alteration

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-025
Length (m) 222.56
Log Date 15/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

VEINS

mFrom	mTo	Vein1	Relog	Comments

0.00	1.52	QZ	0	coarse white opaque quartz, with no visible mineralization, and with a grey quartz stringer cross-cutting the larger 1cm size vein 'chip'

1.52	3.05	QZ	0	fine white opaque quartz, with no visible mineralization

3.05	4.57	QZ	0	fine white opaque quartz, with no visible mineralization

4.57	6.10	QWS	0	fine white opaque quartz, with trace pyrite and sericite

7.62	9.14	QZ	0	fine white opaque quartz, with no visible mineralization

10.67	12.19	QWA	0	trace arsenopyrite

13.72	15.24	QCL	0	equigranular quartz, with no visible mineralization

25.91	27.43	QZ	0	fine white opaque quartz, with no visible mineralization, 'chips' up to 1cm

28.96	30.48	QZ	0	some well formed, ~1mm long prismatic quartz, and open space, FeO oxidation, but no visible mineralization

38.10	39.62	QWCL	0	fine-medium white opaque quartz, with no visible mineralization

39.62	41.15	QZ	0	fine white opaque quartz, with no visible mineralization

42.67	44.20	QZ	0	fine white opaque quartz, with no visible mineralization

53.34	56.39	QZ	0	fine white opaque quartz, with no visible mineralization

62.48	65.53	QZ	0	fine white opaque quartz, with no visible mineralization

70.10	71.63	QAS	0	fine white opaque quartz, with trace arsenopyrite

76.20	77.72	QZ	0	fine white opaque quartz, with no visible mineralization, a single vein 'chip'

79.25	80.77	QZ	0	fine white opaque quartz, with no visible mineralization

83.82	85.34	QAS	0	trace arsenopyrite

86.87	88.39	QCL	0	fine white quartz, with no visible mineralization

89.92	91.44	QZ	0	fine-white quartz, with no visible mineralization

91.44	92.96	QCCL	0	fine white opaque quartz+chlorite+calcite, with no visible mineralization

99.06	100.58	QPY	0	fine white opaque quartz, with trace pyrite

114.30	115.82	QZ	0	fine white opaque quartz, with no visible mineralization

117.35	118.87	QC	0	quartz-calcite, with no visible mineralization, except in the vein alteration halo

121.92	123.44	QZ	0	fine white opaque quartz, with no visible mineralization

128.02	129.54	QPY	0	fine white opaque quartz with pyrite

131.06	132.59	QZ	0	fine white opaque quartz with trace pyrite

134.11	135.64	QCL	0	fine white opaque quartz with chlorite

141.73	143.26	QZ	0	fine white opaque quartz, with no visible mineralization

Project Gold Dome (Sheelite) - Yukon
Area Harvey

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-025
Length (m) 222.56
Log Date 15/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
144.78	146.30	QWS	0	fine orange-white semi-opaque quartz with fine-granular pyrite, disseminated, and sericite and trace chlorite
147.83	149.35	QCLS	0	fine white opaque quartz with chlorite and trace pyrite
153.92	155.45	QPY	0	fine white opaque quartz with fine-granular pyrite, disseminated
155.45	156.97	QAS	0	fine white opaque quartz with fine-granular pyrite and arsenopyrite
158.50	160.02	QPY	0	fine white opaque quartz with fine-granular pyrite, disseminated and as a few 1/2mm thick laminations, also some trace arsenopyrite
161.54	163.07	QPY	0	fine white opaque quartz with ~2% pyrite
164.59	166.12	QPY	0	fine white opaque quartz with about 1% pyrite
169.16	170.69	QPY	0	abundant pyrite ~5% in a single quartz 'chip'
172.21	173.74	QAS	0	white opaque quartz with a few percent arsenopyrite and pyrite disseminated in a single quartz 'chip'
181.36	182.88	QCLS	0	trace pyrite in a meta-quartz vein
184.40	185.93	QC	0	trace quartz-calcite harline veinlet cuts perpendicular to the quartzite layering (primary bedding or partially developed foliation). There is also abundant pyrite disseminated throughout the quartzite.
187.45	188.98	QW	0	white opaque quartz with no visible mineralization
204.22	205.74	QZ	0	white opaque quartz with no visible mineralization
207.26	208.79	QCL	0	no visible mineralization
208.79	210.31	QPY	0	white massive fine-grained quartz with pyrite and an equigranular more clear white quartz with pyrite
213.36	214.88	QZ	0	fine white opaque quartz with no visible mineralization

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Aorta

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-026

Length (m) 234.76

Size 5.125

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 18/09/2010

Date Finished 22/09/2010

Other Hole name Aort_20

Cassing Pulled Yes

Cassing (m) 3.06

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Shane Carlos

Target

Log Date 04/11/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Tyler Bourne, logged by Shane Carlos; conventional hammer 5 1/8"; casing 6 5/8"; CAREFUL: RC 12430 was planned to be a blank, but this is a

Collar survey Date

Survey By Tyler Bourne

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	440,029.00	7,072,840.00	1,290.77	180.00	-70.00
Preferred	UTM83-8	440,029.00	7,072,840.00	1,290.77	180.00	
Local						
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10143051	14/10/2010	160.02	210.31	0
ALS	QC-OK	TR10143052	18/10/2010	59.44	109.73	0
ALS	QC-OK	TR10143059	14/10/2010	109.73	160.02	0
ALS	QC-OK	TR10145293	25/10/2010	210.31	234.70	0
ALS	QC-OK	WH10137334	06/10/2010	9.14	59.44	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC12310	44.20	45.72	2-FDU	0	0.01	6.02	WH10137334
RC12349	100.58	102.11	2-FDU	0	1.17	6.89	TR10143052
RC12380	141.73	143.26	2-FDU	0	0.12	3.99	TR10143059
RC12400	170.69	172.21	2-FDU	0	0.02	4.95	TR10143051
RC12430	211.84	213.36	2-FDU	0	0.06	7.81	TR10145293
RC00013			Blk	0	0.00	0.38	WH10137334
RC12280			Blk	0	0.00	0.44	WH10137335
RC12330			Blk	0	0.00	0.37	TR10143052
RC12360			Blk	0	0.01	0.47	TR10143059
RC12420			Blk	0	0.01	0.28	TR10143051
RC12290			SRM_OR-15h	0	1.04	0.08	WH10137334
RC12340			SRM_OR-15h	0	1.01	0.08	TR10143052
RC12370			SRM_OR-15h	0	1.01	0.08	TR10143059
RC12410			SRM_OR-15h	0	1.04	0.08	TR10143051
RC12440			SRM_OR-16b	0	2.25	0.08	TR10145293

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
15	18	29	0	0	0	37	0	0

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-026
Length (m)	234.76
Log Date	04/11/2010

[illegible]

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-026
Length (m)	234.76
Log Date	04/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-026
Length (m)	234.76
Log Date	04/11/2010

Assays					Litho			Alteration				Mineralization																
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur						
35.05	RC12302	0.023	0.1	519	Xqp					4	PER	38.10																
36.58	RC12303	0.005	0.1	113																								
38.10	RC12304	0.022	0.1	134																								
39.62	RC12305	0.165	0.4	3520																								
41.15	RC12306	0.033	0.1	400																								
42.67	RC12307	0.008	0.1	164																								
44.20	RC12308	0.03	0.1	959																								
45.72	RC12309	0.616	0.1	1060																								
47.24	RC12311	0.047	0.1	447																								
48.77	RC12312	0.027	0.1	671																								
50.29	RC12313	0.0025	0.1	171								No Data																

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-026
Length (m)	234.76
Log Date	04/11/2010

Assays					Litho			Alteration				Mineralization												
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur							
RC12314	0.041	0.4	405																					
51.82																								
RC12315	0.13	0.7	872																					
53.34				53.34																				
RC12316	0.07	0.4	568	Xqp																				
54.86																								
RC12317	0.032	0.1	241																					
56.39				56.39																				
RC12318	0.046	0.1	58	Xqp				57.91																
57.91				57.91																				
RC12319	0.081	0.1	647									59.44												
59.44																								
RC12320	0.372	0.1	1010																					
60.96																								
RC12321	0.172	0.2	2460																					
62.48																								
RC12322	0.011	0.1	167																					
64.01																								
RC12323	0.129	0.2	1530																					
65.53																								
RC12324	0.005	0.2	50									No Data												
67.06																								
								No Data																

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-026
Length (m)	234.76
Log Date	04/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-026
Length (m) 234.76
Log Date 04/11/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
85.34	RC12337	0.255	0.3	226	Xqp							85.34									
86.87	RC12338	0.172	0.2	1130								86.87		0.5	LITH						
88.39	RC12339	0.11	0.4	1170				88.39													
89.92	RC12341	0.434	0.2	615				89.92	WM	4	PAT										
91.44	RC12342	0.745	0.4	3460								91.44									
92.96	RC12343	0.396	0.1	869								92.96	No Data								
94.49	RC12344	0.14	0.5	1610																	
96.01	RC12345	0.057	0.2	884																	
97.54	RC12346	0.038	0.2	776								97.54									
99.06	RC12347	0.348	0.3	1600					99.06				99.06	No Data							
100.58	RC12348	1.15	0.3	2070					100.58	WM	4	PAT	100.58		0.5	LITH					

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-026
Length (m)	234.76
Log Date	04/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-026
Length (m) 234.76
Log Date 04/11/2010

Assays					Litho			Alteration				Mineralization									
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite				
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	
	RC12362	0.038	0.1	360								118.87	No Data								
118.87																					
	RC12363	0.009	0.1	127								120.40									
120.40																					
	RC12364	0.217	0.1	859								121.92									
121.92																					
	RC12365	0.021	0.1	129								123.44									
123.44																					
	RC12366	0.379	0.1	1165								124.97									
124.97																					
	RC12367	0.432	0.1	1045								126.49	No Data								
126.49																					
	RC12368	0.042	0.1	189								128.02									
128.02																					
	RC12369	0.018	0.1	201								129.54									
129.54																					
	RC12371	0.036	0.1	316								131.06	No Data								
131.06																					
	RC12372	0.05	0.1	615								132.59									
132.59																					
	RC12373	0.054	0.1	1005	134.11							134.11	No Data								
134.11																					
								W/M		2	PAT										

Hole name	GDRC10-026
Length (m)	234.76
Log Date	04/11/2010

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-026
Length (m) 234.76
Log Date 04/11/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
152.40	RC12386	0.912	0.7	2170	160.02	Xqp	Xqp	160.02	WM	5	PAT	158.50	No Data								
153.92	RC12387	0.196	0.5	986																	
155.45	RC12388	0.061	0.2	220																	
156.97	RC12389	0.075	0.1	179																	
158.50	RC12390	0.149	0.8	1340																	
160.02	RC12391	0.151	0.3	616								160.02	0.5	VN							
161.54	RC12392	0.073	0.1	386	166.12			166.12				166.12	No Data								
163.07	RC12393	0.009	0.1	116																	
164.59	RC12394	0.036	0.1	707																	
166.12	RC12395	0.016	0.1	55																	
167.64	RC12396	0.103	0.1	1220										0.5				VN			

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-026
Length (m)	234.76
Log Date	04/11/2010

Assays					Litho			Alteration				Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur		Arsenic % occur		Chalcopyrite % occur		Galena % occur		Sphalerite % occur		
169.16	RC12397	0.065	0.1	997	Xqp	Xq		181.36				169.16	0.5	VN									
170.69	RC12398	0.03	0.1	88								No Data											
172.21	RC12399	0.023	0.1	121																			
173.74	RC12401	0.025	0.1	1130																			
175.26	RC12402	0.022	0.1	69																			
176.78	RC12403	0.061	0.1	1220								No Data											
178.31	RC12404	0.005	0.1	89																			
179.83	RC12405	0.073	0.1	613																			
181.36	RC12406	0.019	0.1	252																			
182.88	RC12407	0.183	0.1	689																			
184.40	RC12408	0.022	0.1	91											184.40								

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-026
Length (m) 234.76
Log Date 04/11/2010

Assays					Litho			Alteration				Mineralization									
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur				
185.93	RC12409	1.695	0.2	370	193.55			193.55	WM	4	PAT	193.55	No Data								
187.45	RC12411	0.369	0.1	1130									187.45								
188.98	RC12412	0.121	1.2	3590									188.98	0.5	VN						
190.50	RC12413	0.164	0.4	942									No Data								
192.02	RC12414	0.208	0.5	913																	
193.55	RC12415	0.069	0.2	391																	
195.07	RC12416	0.013	0.1	143	193.55			193.55				0.5	LITH	No Data							
196.60	RC12417	0.137	0.9	878														196.60			
198.12	RC12418	0.126	2.6	815																	
199.64	RC12419	0.08	1.6	534														199.64			
201.17	RC12421	0.049	0.4	428														201.17	0.5	LITH	

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-026
Length (m) 234.76
Log Date 04/11/2010

Assays					Litho			Alteration			Mineralization							
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur
	RC12422	0.029	0.2	249		Xqp	Xqp		WM	6	PER		0.5	LITH	0.5	LITH		
202.69												202.69						
	RC12423	0.11	1.8	554														
204.22																		
	RC12424	0.07	0.7	1060														
205.74																		
	RC12425	0.064	0.5	950														
207.26																		
	RC12426	0.13	0.6	1310									0.5	VN				
208.79																		
	RC12427	0.192	0.7	2570														
210.31					210.31			210.31										
	RC12428	0.097	0.3	1530														
211.84																		
	RC12429	0.112	0.5	2900														
213.36												213.36						
	RC12431	0.056	0.2	1145														
214.88																		
	RC12432	0.144	0.4	1405									0.5	LITH				
216.41						Xqp	Xq		WM	5	PAT							
	RC12433	0.042	0.4	367														
217.93												217.93						

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name	GDRC10-026
Length (m)	234.76
Log Date	04/11/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
219.46	RC12434	0.019	0.1	269								219.46	No Data						
220.98	RC12435	0.209	1	880								0.5	LITH						
222.50	RC12436	0.067	0.2	650															
224.03	RC12437	0.047	0.2	633	Xq				WM	5	PER	224.03	No Data						
225.55	RC12438	0.04	0.1	934															
227.08	RC12439	0.041	0.2	521	No Data				WM	4	PAT	227.08							
228.60	RC12441	0.044	0.1	902	Xqp				FEO	1	PAT	228.60	0.5	LITH					
230.12	RC12442	0.051	0.1	893															
231.65	RC12443	0.011	0.1	145								No Data							
233.17	RC12444	0.034	0.1	370															
234.70	RC12445	0.143	0.1	2700															

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-026
Length (m) 234.76
Log Date 04/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	1.52	Xqp	0	chlorite-muscovite schist, with ~50% or more of quartz. (Please note that minerals are listed in the order of most abundant to least abundant).
1.52	3.05	Xqp	0	~10% chlorite-muscovite phyllite, mineral grains are not differentiated, and chlorite-muscovite schist with up to ~20% quartz
3.05	28.96	Xqp	0	chlorite-muscovite schist, with up to 70% quartz locally
28.96	32.00	Xqp	0	chlorite schist, quartz is ~40% and there are trace biotite grains
32.00	53.34	Xqp	0	chlorite-muscovite schist, with up to 50-80% quartz, though mostly ~20% quartz, variably sericitically altered, tourmalines evident at 135'-140'
53.34	56.39	Xqp	0	chlorite-muscovite schist, with up to 50-80% quartz, though mostly ~20% quartz, variably sericitically altered
56.39	57.91	Xqp	0	chlorite-muscovite schist, with up to 50-80% quartz, though mostly ~20% quartz, variably sericitically altered
57.91	134.11	Xqp	0	chlorite-muscovite schist, with up to 50-60% quartz, though mostly ~20% quartz, variably sericitically altered, tourmalines evident at 240'-245 ft., and at 135'-140'
134.11	150.88	Xqp	0	quartz-muscovite-biotite+-chlorite schist
150.88	160.02	Xqp	0	~80% quartz-sericite+-tourmaline schist, is an altered version of a quartz rich chlorite-muscovite schist. Tourmaline is more obvious here against the light altered sheet silicates, but I have noticed it in the unaltered schists as well. Also, some rare c
160.02	193.55	Xqp	0	~60% chlorite-muscovite schist (ie. Chlorite is more abundant than muscovite and with abundant quartz, locally up to 50-60%), and a chlorite poor, quartz-muscovite-biotite schist. Sericite alteration overprints parts of the units. Most surfaces have a ver
193.55	210.31	Xqp	0	~80% muscovite-sericite schist, (with about ~30% quartz) very altered, but it does appear to be the typical muscovite-chlorite+-biotite schist that has had its dark minerals altered and bleached. ~20% unaltered muscovite-chlorite+-biotite schist
210.31	222.50	Xqp	0	chlorite-muscovite schist, (~20% quartz), and quartz-sericite schist/sericitic quartzite
222.50	225.55	Xq	0	quartz-sericite schist/micaceous quartzite
227.08	234.70	Xqp	0	chlorite-muscovite schist with about 20% quartz, and chlorite is more abundant than muscovite. Most surfaces have a very shiny/sheen typical of phyllite, however have gone with schist here because of the visible mineral differentiation, and often minor po

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
0.00	10.67	FEO	0	orange iron oxide

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-026
Length (m) 234.76
Log Date 04/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
12.19	28.96	FEO	0	orange iron oxide
76.20	77.72	WM	0	light yellowish-green sericite alteration
88.39	89.92	WM	0	light yellowish-green sericite
99.06	100.58	WM	0	light yellowish-green sericite alteration
111.25	115.82	WM	0	light yellowish-green sericite alteration
121.92	146.30	WM	0	very patchy sericite and bleaching, throughout section
146.30	147.83	WM	0	light-yellowish-green sericite
150.88	160.02	WM	0	~80% of the rock 'chips' are completely altered to the light yellowish-green overprint on the micaceous/chloritic layers
181.36	193.55	WM	0	very patchy sericite alteration
193.55	210.31	WM	0	light yellowish-green sericite alteration
210.31	222.50	WM	0	many clasts are totally altered
225.55	227.08	WM	0	potty alteration

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
38.10	39.62	PO	0	aligned with foliation
59.44	60.96	AS	0	withi alteration halo to tourmaline vein
70.10	71.63	PO	0	aligned along foliation
76.20	77.72	AS	0	in a sericitically altered clast up to 5%
77.72	85.34	PO	0	aligned along foliation
85.34	86.87	AS	0	arsenopyrite within sericite halo of vein clast
86.87	91.44	PO	0	trace pyrrhotite aligned along foliation
92.96	97.54	PO	0	trace along foliation
99.06	100.58	AS	0	within sercrite alteration
111.25	112.78	PY	0	in the sercrite alteration, locally with one clast, up to 15% pyrite
128.02	129.54	PY	0	associated with sercrite alteration
131.06	132.59	PO	0	aligned along foliation plane in equigranular quartz vein
134.11	135.64	PO	0	aligned along foliation
141.73	143.26	PY	0	with some sericite alteration
146.30	147.83	AS	0	trace sulphides in one vein piece. The jamesonite/boulangerite?, occurs as medium thin 'needles' in the quartz
158.50	160.02	PY	0	trace

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-026
Length (m) 234.76
Log Date 04/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
166.12	167.64	AS	0	trace arsenopyrite
182.88	184.40	PO	0	trace
187.45	188.98	AS	0	trace
193.55	196.60	PY	0	in the sericitically altered schist
199.64	201.17	PY	0	Po, occurs in the unaltered muscovite-chlorite+-biotite schist, while pyrite seems to be predominantly in the sericite altered schist
202.69	213.36	PY	0	trace pyrite
213.36	217.93	PY	0	trace pyrite, in 3-4 rock 'chips' up to 20%
219.46	224.03	PY	0	~0.5% pyrite
227.08	230.12	PY	0	trace pyrite, (~0.5%)

VEINS

mFrom	mTo	Vein1	Relog	Comments
7.62	9.14	QZ	0	no visible mineralization
15.24	16.76	QZ	0	no visible mineralization
22.86	24.38	QC	0	trace calcite
27.43	28.96	QZ	0	no visible mineralization
32.00	33.53	QCL	0	granular quartz
36.58	38.10	QZ	0	no visible mineralization
41.15	42.67	QZ	0	oxide staining, no visible mineralization
44.20	45.72	QZ	0	no visible mineralization
54.86	56.39	QPO	0	trace pyrrhotite
59.44	60.96	QT	0	quartz-tourmaline and another dark brown mineral, maybe biotite, tourmalines are elongate, brown, transparent, arsenopyrite occurs within a bleached alteration halo
62.48	64.01	QCL	0	equigranular quartz grains
88.39	89.92	QAS	0	trace arsenopyrite, with sericite halo
94.49	97.54	QZ	0	trace sericite and some chlorite along edges of 'chips'
100.58	102.11	QC	0	with trace pyrite
106.68	108.20	QZ	0	no visible mineralization
131.06	132.59	QPO	0	equigranular quartz
134.11	135.64	QZ	0	no visible mineralization
141.73	143.26	QC	0	with sericite/bleached alteration halo
146.30	147.83	QWS	0	arseno, py, and boulangerite?

Project Gold Dome (Sheelite) - Yukon
Area Aorta

Golden Predator
Program 2010
Logger Shane Carlos

Hole name GDRC10-026
Length (m) 234.76
Log Date 04/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
150.88	152.40	QCLS	0	trace arsenopyrite
152.40	160.02	QZ	0	no visible mineralization, and these vens are likely the source of the alteration, some trace pyrite as well
161.54	163.07	QZ	0	no visible mineralization. The quartz-chlorite vein is equigranular.
166.12	167.64	QAS	0	trace arsenopyrite
167.64	169.16	QPY	0	trace pyrite
172.21	173.74	QZ	0	no visible mineralization
176.78	178.31	QZ	0	no visible mineralization
187.45	188.98	QAS	0	trace arsenopyrite
188.98	201.17	QZ	0	with occasional pyrite grains
202.69	213.36	QZ	0	with trace pyrite
227.08	228.60	QZ	0	no visible mineralization
231.65	234.70	QW	0	with very narrow (~0.5mm) wide sericite selvages, and no visible mineralization

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Hawthorne

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-027

Length (m) 166.16

Size 4.75

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 21/09/2010

Date Finished 25/09/2010

Other Hole name

Cassing Pulled No

Cassing (m) 6.12

Data Origin GOD_20110203_DataLoggerExport.xls / Kfecova

Data Date 04/02/2011

Data BY ACald

Logger Karin Fecova

Target

Log Date 04/11/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Morgan Smarch, logged by Karin Fecova; conventional hammer 4 3/4"; casing 6 5/8"; not known if casing pulled

Collar survey Date

Survey By Morgan Smarch

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	438,464.00	7,072,628.00	1,500.00	0.00	-90.00
Preferred	UTM83-8	438,464.00	7,072,628.00	1,500.00	0.00	
Local						
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10143053	13/10/2010	79.25	129.54	0
ALS	QC-OK	TR10143140	14/10/2010	28.96	79.25	0
ALS	QC-OK	TR10148620	27/10/2010	129.54	166.12	0
ALS	QC-OK	WH10137333	05/10/2010	0.00	28.96	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC20630	65.53	67.06	2-FDU	0	0.05	5.04	TR10143140
RC20670	121.92	123.44	2-FDU	0	0.23	6.26	TR10143053
RC20610			Blk	0	0.00	0.43	TR10143140
RC20650			Blk	0	0.01	0.44	TR10143053
RC20680			Blk	0	0.00	0.30	TR10148620
RC20590			SRM_OR-15h	0	1.01	0.08	WH10137333
RC20620			SRM_OR-15h	0	1.01	0.08	TR10143140
RC20660			SRM_OR-15h	0	1.00	0.05	TR10143053
RC20700			SRM_OR-15h	0	1.03	0.08	TR10148620

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
21	14	34	0	0	0	41	0	0

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator

Program 2010

Logger Karin Fecova

Hole name GDRC10-027

Length (m)	166.16

Log Date 04/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
1.52	RC20583	0.029	0.4	671	3.05	Xqp						1.52	0.5	LITH								
3.05	RC20584	0.011	0.4	529								3.05	No Data									
4.57	RC20585	0.452	0.8	1490	6.10	Xqp	Xqp					4.57	0.5	VN								
6.10	RC20586	1.435	0.9	2230								6.10										
7.62	RC20587	0.068	0.4	1220	7.62	Xqp																
9.14	RC20588	0.652	0.6	1010	10.67	Xq																
10.67	RC20589	0.115	0.5	816																		
12.19	RC20591	0.037	0.3	294																		
13.72	RC20592	0.063	0.2	235																		
15.24	RC20593	0.22	0.3	1060																		
16.76	RC20594	0.152	0.4	1510																		

Hole name	GDRC10-027
Length (m)	166.16
Log Date	04/11/2010

[illegible]

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-027
Length (m)	166.16
Log Date	04/11/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
35.05	RC20606	0.026	0.3	555	35.05														
36.58	RC20607	0.055	0.2	411	36.58	Xq													
38.10	RC20608	0.021	0.1	142															
39.62	RC20609	0.029	0.1	181								39.62							
41.15	RC20611	0.153	0.1	1090								41.15							
42.67	RC20612	0.015	0.2	373															
44.20	RC20613	0.021	0.2	1160															
45.72	RC20614	0.077	0.3	2050		Xqp													
47.24	RC20615	0.048	0.2	1705															
48.77	RC20616	0.049	0.4	1570															
50.29	RC20617	0.031	0.2	791								No Data							

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-027
Length (m) 166.16
Log Date 04/11/2010

Assays					Litho			Alteration				Mineralization											
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite		
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur	
	RC20618	0.054	0.1	1410									No Data										
51.82																							
	RC20619	0.055	0.1	677																			
53.34					53.34																		
	RC20621	0.063	0.1	949	Xq																		
54.86																							
	RC20622	0.007	0.3	223																			
56.39																							
	RC20623	0.036	0.1	402																			
57.91																							
	RC20624	0.015	0.1	588								59.44											
59.44																							
	RC20625	0.16	0.1	1015																			
60.96					60.96			60.96				60.96	0.5	LITH									
	RC20626	0.016	0.1	538								No Data											
62.48																							
	RC20627	0.156	0.4	3250																			
64.01																							
	RC20628	0.454	1.2	6770																			
65.53					Xqp	Xqp		No Data							3.5	VN							
	RC20629	0.063	0.2	1090										0.5	LITH								
67.06												67.06											

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-027
Length (m)	166.16
Log Date	04/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-027
Length (m) 166.16
Log Date 04/11/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
85.34	RC20642	0.058	0.3	805	94.49	Xqp		94.49	No Data			91.44		1.5	LITH				
86.87	RC20643	0.041	0.2	570															
88.39	RC20644	0.032	0.2	590															
89.92	RC20645	0.039	0.2	367															
91.44	RC20646	0.022	0.1	314															
92.96	RC20647	0.1	0.2	1370															
94.49	RC20648	0.586	0.2	369	94.49			94.49				94.49							
96.01	RC20649	0.029	0.1	312	99.06			96.01	WM	4	PER	96.01							
97.54	RC20651	0.032	0.2	443				99.06	No Data			99.06	No Data						
99.06	RC20652	0.037	0.1	592															
100.58	RC20653	0.023	0.3	458															
									WM	4	PER			1.5	LITH				

Hole name	GDRC10-027
Length (m)	166.16
Log Date	04/11/2010

Assays					Litho			Alteration				Mineralization													
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur			
102.11	RC20654	0.07	0.2	666	Xqp			102.11				102.11													
103.63	RC20655	0.022	0.4	374				103.63	FEO	2	PAT	103.63			0.5	VN									
105.16	RC20656	0.271	0.1	955				No Data	No Data																
106.68	RC20657	0.082	0.1	337																					
108.20	RC20658	0.013	0.2	193																					
109.73	RC20659	0.018	0.1	215																					
111.25	RC20661	0.017	0.2	151						111.25				111.25											
112.78	RC20662	0.072	0.1	335						112.78	1.5	LITH													
114.30	RC20663	0.12	1	936	114.30	WM	5	PER	114.30	1.5	LITH														
115.82	RC20664	0.268	0.3	2280																					
117.35	RC20665	0.223	0.2	1690																					

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-027
Length (m) 166.16
Log Date 04/11/2010

Assays					Litho			Alteration				Mineralization							
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite % occur	Arsenic % occur	Chalcopyrite % occur	Galena % occur	Sphalerite % occur		
118.87	RC20666	0.137	0.3	825	120.40	Xqp		121.92	No Data			124.97	1.5	LITH					
120.40	RC20667	0.07	0.3	416															
121.92	RC20668	0.025	0.3	307															
123.44	RC20669	0.174	0.1	275															
124.97	RC20671	0.12	0.1	289															
126.49	RC20672	0.05	0.2	520															
128.02	RC20673	0.099	0.2	556	128.02							128.02							
129.54	RC20674	0.091	0.1	2260	131.06	Xq		131.06	WM	5	PER	129.54	3.5	VN					
131.06	RC20675	0.143	0.1	3090															
132.59	RC20676	0.129	1.1	956															
134.11	RC20677	0.174	0.5	2450															

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-027
Length (m) 166.16
Log Date 04/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
152.40	RC20691	0.037	0.1	361	158.50	Xq		156.97	WM	5	PER	152.40										
153.92	RC20692	0.019	0.1	285								153.92	0.5		VN							
155.45	RC20693	0.045	0.1	422								155.45	0.5		LITH							
156.97	RC20694	0.079	0.4	2100								156.97		0.5		VN						
158.50	RC20695	0.075	0.2	1590								158.50		0.5		VS						
160.02	RC20696	0.093	0.1	1220	166.12	Xqp		163.07														
161.54	RC20697	0.083	0.1	689																		
163.07	RC20698	0.056	0.1	975																		
164.59	RC20699	0.079	0.1	2580																		
166.12	RC20701	0.011	0.1	137																		

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-027
Length (m) 166.16
Log Date 04/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	3.05	Xqp	0	chloritic qz-fspathic component (qz rich, hard) chlor schist, almost 50% of frags are oxid qz (veind semi-mass vn?)
3.05	6.10	Xqp	0	both, musc-bio qz-fspath schist > bio-chlor schist
6.10	7.62	Xqp	0	chlor-musc-bio qz-fspath schist
7.62	10.67	Xq	0	musc-min chlor-schist strong oxid
10.67	24.38	Xqp	0	chlor-musc schist w vein(s) from 40-45ft
24.38	35.05	Xqp	0	musc-bio +/- chlor qz-fspath schist
35.05	36.58	Xq	0	perv oxid musc schist/schistose qtzite w 2% of 0.2-0.5mm euh sheelite (dk brown, reddish, dipyrramids, hardness 4-5) diss in the host
36.58	53.34	Xqp	0	chlor-bio-musc qz-fspathic schist and subordinate perv oxid musc schist/schistose qtzite
53.34	60.96	Xq	0	musc schist/schistose qtzite, perv oxid w occas frags of chlor-bio-musc and bio-musc-chlor schist and in the last interval unoxid frags of musc schist w 1% fd py and occas 1 mm bluish-grey-wh round eyes (likely cordierite)
60.96	68.58	Xqp	0	chlor-bio-musc schist and musc-bio schist
68.58	76.20	Xq	0	domint musc-ser+/-min bio (245-250ft interval moder-strong oxid) and chlor schist w subordinate chlor-bio-musc schist
76.20	77.72	Xq	0	musc schist/schistose qtzite
77.72	82.30	Xq	0	musc schist and musc-bio+/- chlor schist
82.30	94.49	Xqp	0	musc-bio-chlor schist w minor musc-ser schist
94.49	114.30	Xqp	0	musc+/- bio schist/schistose qtzite
114.30	128.02	Xqp	0	chlor-bio-musc +/- gt schist
128.02	135.64	Xq	0	domint musc schist/schistose qtzite w subordinate chlor-musc schist
135.64	138.68	Xqp	0	chlor-musc schist
138.68	150.88	Xqp	0	chlor-musc schist and musc-chlor schist
150.88	158.50	Xq	0	musc +/- ser schist/schistose qtzite
158.50	166.12	Xqp	0	domint chlor-musc schist w subordinate musc schist

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
70.10	71.63	WM	0	ser halo around a qz stringer w aspy, in musc schist,
156.97	158.50	WM	0	likely a ser halo along qz vn w aspy in halo

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-027
Length (m) 166.16
Log Date 04/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

MINERALISATION

mFrom	mTo	Min1	Relog	Comments

3.05	4.57	PY	0	rare fg py diss in vn
59.44	60.96	PY	0	in unoxid frags of musc schist
64.01	65.53	AS	0	w 0.5 mm euh aspy cxls diss in vn
65.53	67.06	PY	0	in chlor-bio-musc schist
67.06	68.58	PY	0	fg euh py cxls diss in qz
68.58	70.10	SPY	0	0.5 mm euh aspy and py diss in musc-ser schist
70.10	71.63	AS	0	vn 1 1-2mm qz string w ser halo and 0.5 mm euh aspy cxls in the halo
71.63	73.15	AS	0	sulps fdiss aspy and micorn sized dk gy needles diss in qz
74.68	76.20	SPY	0	fdissmnts of aspy and py in musc-ser schist
76.20	77.72	PY	0	in musc schist/schistose qtzite
77.72	82.30	PY	0	min 1 in chlor domint schist; min 2 w occas diss 0.5mm aspy and py in qz and vn selv and ser halo
91.44	94.49	AS	0	in minor musc-ser schist
94.49	96.01	PO	0	assoctd w chlor in schist
99.06	102.11	PY	0	in musc-ser schist/schistose schist
102.11	103.63	AS	0	w rare 0.5 mm euh aspy in vn
111.25	112.78	PY	0	min 1 rare fd py in qz; min 2 0.5mm cxls diss in musc-ser schist
112.78	114.30	PY	0	0.5mm cxls diss in musc-ser schist
114.30	124.97	PYPO	0	in chlor-bio-+/- gt schist
124.97	126.49	PY	0	in musc schist/schistose qtzite
126.49	128.02	SPY	0	fdissemntns of aspy and py in qz
128.02	129.54	PY	0	1mm clusters of fg py in qz
129.54	131.06	PY	0	min 1 occas 1mm clusters of fg py in qz; min 2 0.5mm py diss in musc-ser schist
131.06	132.59	PY	0	w 1 mm blebby py in vn
132.59	134.11	SPY	0	min 1 fdissemnts of aspy and py in qz and selv; min 2 in musc-ser schist
137.16	138.68	AS	0	rare 1 mm stria euh aspy cxls diss in musc-bio schist, in the zone away from vn(?)
138.68	141.73	PY	0	fg py in clusters diss in qz
152.40	153.92	PY	0	w a 1-2mm cluster of fg py in qz
153.92	155.45	PY	0	min 1 w a 1-2mm cluster of fg py in qz; min 2 0.5mm py diss in musc-ser schist/schistose qtzite
155.45	156.97	AS	0	occas 0.5mm euh aspy diss in qz
156.97	158.50	AS	0	in qz vn selvages and ser halo

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-027
Length (m) 166.16
Log Date 04/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments

VEINS

mFrom	mTo	Vein1	Relog	Comments

0.00	1.52	QPY	0	w rare pyritohedrons in vn
3.05	4.57	QPY	0	rare fd py in qz
6.10	10.67	QI	0	w iron oxide in frac of vn
10.67	12.19	QI	0	vn 1 3mm thick stringer w no vis min;
12.19	13.72	QI	0	no vis fresh min; oxid in frac of vn
13.72	18.29	QI	0	both vn 1 and vn 2 no vis min;
18.29	21.34	QZ	0	no vis min
24.38	25.91	QI	0	no vis min
25.91	27.43	QZ	0	no vis min; w oxides along frac and selv of vn
28.96	30.48	QZ	0	no vis min; w oxides along frac and selv of vn
30.48	32.00	QZ	0	no vis min
33.53	35.05	QZ	0	no vis min
35.05	36.58	QZ	0	no vis min
47.24	48.77	QZ	0	w no visible min
50.29	51.82	QZ	0	likely rare 0.2mm scheelite diss in qz
51.82	53.34	QZ	0	no vis min
54.86	60.96	QZ	0	no vis min
60.96	64.01	QZ	0	w no vis min
64.01	65.53	QAS	0	w 0.5 mm euh aspy cxls diss in vn
67.06	68.58	QPY	0	w fdiss py cxls in qz
68.58	70.10	CC	0	vn 1 wh-clear 1 mm calcite cxls w cc cleavage, no vis min; vn 2 wh-less clear qz w no vis min
70.10	71.63	QZ	0	vn 1 1-2mm qz string w ser halo and 0.5 mm euh aspy cxls in the halo; vn 2 w no vis min
71.63	73.15	QS	0	sulps fdiss aspy and micorn sized dk gy needles diss in qz
74.68	76.20	QI	0	no vis min
76.20	82.30	QS	0	w occas diss 0.5mm aspy and py in qz and vn selv and ser halo
102.11	103.63	QAS	0	w rare 0.5 mm euh aspy in vn
105.16	106.68	QZ	0	no vis min
108.20	111.25	QZ	0	no vis min
111.25	112.78	QPY	0	rare fd py in qz
126.49	128.02	QS	0	fdissemntns of aspy and py in qz
128.02	129.54	QPY	0	w 1mm clusters of fg py
129.54	131.06	QPY	0	w occas 1mm clusters of fg py in qz;

Project Gold Dome (Sheelite) - Yukon
Area Hawthorne

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-027
Length (m) 166.16
Log Date 04/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
131.06	132.59	QPY	0	w bl of py in vn
132.59	134.11	QS	0	fdissemnts of aspy and py in qz and selvs
138.68	141.73	QPY	0	fg py in clusters diss in qz
144.78	146.30	CC	0	vn 1 whitish-clear rhombic cxls w no vis min; vn 2 w minor py
147.83	149.35	QZ	0	no vis min
149.35	150.88	QZ	0	no vis min
152.40	153.92	QPY	0	w a 1-2mm cluster of fg py in qz
155.45	156.97	QAS	0	vn 1 occas 0.5mm euh aspy diss in qz; vn 2 wh-clear rhombic cc w no vis min
158.50	166.12	CC	0	vn 1 wh-clear rhombic cc w no vis min; vn 2 w no vis min

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments

Project Gold Dome (Sheelite) - Yukon

Area Rudolph

Golden Predator

Program 2010

Hole Type Reverse Circulation

Hole name GDRC10-028

Length (m) 195.07

Size 4.75

Drill Contractor Orbit

Drill Rig MPD1000CSR

Date Started 23/09/2010

Date Finished 25/09/2010

Other Hole name

Cassing Pulled No

Cassing (m) 6.12

Data Origin GOD_20110203_DataLoggerExport.xls / KFecova

Data Date 04/02/2011

Data BY ACald

Logger Karin Fecova

Target

Log Date 03/11/2010

Hole Comments survey tools: GPS and compass; surveyed and sampled by Morgan Smarch, logged by Karin Fecova; conventional hammer 4 9/16"; casing 6 5/8"; not known if casing pulled

Collar survey Date

Survey By Morgan Smarch

Method Compass

Survey Notes

Collar coordinates

Grid	Name	x	Y	z	Az	Dip
Original	UTM83-8	440,540.00	7,072,835.00	1,097.00	180.00	-70.00
Preferred	UTM83-8	440,540.00	7,072,835.00	1,097.00	180.00	
Local						
Lat Long						

Relating Certificates

LabCode	Status	CertName	CertDate	Between	and	SampleGen
ALS	QC-OK	TR10145291	24/10/2010	76.20	126.49	0
ALS	QC-OK	TR10145293	25/10/2010	0.00	25.91	0
ALS	QC-OK	TR10145295	21/10/2010	25.91	76.20	0
ALS	QC-OK	TR10145296	21/10/2010	126.49	176.78	0
ALS	QC-OK	TR10148620	27/10/2010	176.78	190.50	0
ALS	QC-OK	VA10152506	27/10/2010	190.55	195.12	0

Control Samples

SampleID	mFrom	mTo	SampleCode	SampleGen	Au_ppm	WtRecvd_kg	Au_CertName
RC12480	41.15	42.67	2-FDU	0	0.04	5.74	TR10145295
RC12510	82.30	83.82	2-FDU	0	0.04	6.63	TR10145291
RC12550	138.68	140.21	2-FDU	0	0.52	5.75	TR10145296
RC12580	179.83	181.36	2-FDU	0	0.06	7.17	TR10148620
RC12460			Blk	0	0.00	0.30	TR10145293
RC12490			Blk	0	0.01	0.54	TR10145295
RC12530			Blk	0	0.00	0.39	TR10145291
RC12560			Blk	0	0.01	0.35	TR10145296
RC12470			SRM_OR-15h	0	1.00	0.07	TR10145295
RC12570			SRM_OR-15h	0	1.00	0.08	TR10145296
RC00014			SRM_OR-16b	0	2.24	0.09	TR10145291

Number of entries per table

Litho	Alt	Minz	GeotechDD	GeotechRC	Struct	Vein	Photos	Scans
34	17	65	0	0	0	58	0	0

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

Assays					Litho			Alteration				Mineralization										
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur
	RC12450	0.047	0.2	892		Xqp	Xqp		FEO	6	PER	No Data										
1.52																						
	RC12451	0.025	0.1	771				3.05														
3.05					4.57																	
	RC12452	0.034	0.1	643																		
4.57																						
	RC12453	0.014	0.1	758	Xp							6.10										
6.10																						
	RC12454	0.017	0.1	769	7.62							0.5	VN									
7.62												7.62										
	RC12455	0.0025	0.1	333	VNq																	
9.14					9.14																	
	RC12456	0.033	0.1	559	Xq																	
10.67					10.67																	
	RC12457	0.054	0.1	1020	Xqp				FEO	3	PAT	No Data										
12.19																						
	RC12458	0.096	0.1	301																		
13.72																						
	RC12459	0.008	0.1	136																		
15.24																						
	RC12461	0.005	0.1	178																		
16.76																						

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

Assays					Litho			Alteration				Mineralization															
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite						
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur	%	occur					
	RC12474	0.046	0.1	462				No Data				No Data															
35.05								35.05																			
	RC12475	0.023	0.2	291																							
36.58																											
	RC12476	0.023	0.1	225																							
38.10																											
	RC12477	0.033	0.2	22				39.62																			
39.62																											
	RC12478	0.201	0.2	644																							
41.15																											
	RC12479	0.098	0.1	994				No Data				No Data															
42.67																											
	RC12481	0.094	0.2	1270				44.20																			
44.20																											
	RC12482	0.015	0.1	138				45.72	WM	4	PER	45.72															
45.72																											
	RC12483	0.079	0.1	321				47.24				47.24															
47.24																											
	RC12484	0.095	0.3	1360				Xqp	Xqp				15	STR													
48.77													48.77														
	RC12485	0.145	0.3	1930									No Data														
50.29													50.29														

Golden Predator
Program 2010
Logger Karin Fecova

Assays					Litho			Alteration			Mineralization											
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
RC12486	0.037	0.2	325	51.82				No Data				51.82	1.5	VN	1.5	VS						
RC12487	0.024	0.2	316									53.34	No Data									
RC12488	0.099	0.2	1220									54.86										
RC12489	0.129	0.3	834									56.39										
RC12491	0.025	0.1	43									57.91	1.5 VS									
RC12492	0.035	0.1	21									59.44	1.5 VS									
RC12493	0.041	0.1	901									60.96	No Data									
RC12494	0.016	0.1	119									62.48	1.5 LITH									
RC12495	0.178	0.3	2130									64.01	WM 4 PER 1.5 LITH									
RC12496	0.06	0.2	239	65.53	65.53			No Data				No Data										
RC12497	0.106	0.4	555	67.06								67.06										

Hole name	GDRC10-028
Length (m)	195.07
Log Date	03/11/2010

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Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
102.11	RC12522	0.059	0.2	538	102.11	Xqp		102.11				102.11	1.5	VN								
103.63	RC12523	0.233	0.1	466	103.63	Xqp						103.63	3.5	LITH								
105.16	RC12524	0.017	0.1	193								105.16										
106.68	RC12525	0.133	0.1	80																		
108.20	RC12526	0.084	0.2	58		Xqp																
109.73	RC12527	0.008	0.1	251									0.5	VN								
111.25	RC12528	0.017	0.1	261	111.25			111.25														
112.78	RC12529	0.072	0.2	1055	112.78	Xq			WM	4	PER	112.78										
114.30	RC12531	0.169	0.1	2300	114.30	Xqp		114.30				114.30		No Data								
115.82	RC12532	0.005	0.1	64	115.82	Xqp		115.82		No Data		115.82	1.5	VN								
117.35	RC12533	0.04	0.1	953								117.35		No Data								

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-028
Length (m)	195.07
Log Date	03/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite %	Pyrite occur	Arsenic %	Arsenic occur	Chalcopyrite %	Chalcopyrite occur	Galena %	Galena occur	Sphalerite %	Sphalerite occur
118.87	RC12534	0.223	0.1	747	Xqp				WM	4	PER	118.87	1.5	VN								
120.40	RC12535	0.08	0.1	159								No Data										
121.92	RC12536	0.049	0.2	733								121.92	121.92	121.92								
123.44	RC12537	0.0025	0.3	77	Xqp			No Data				0.5	VN									
124.97	RC12538	0.007	0.1	74	Xqp									124.97	124.97							
126.49	RC12539	0.368	0.6	2120	Kvl	Xqp	126.49							126.49	126.49							
128.02	RC12541	0.026	0.1	268			128.02	WM	5	PER				0.5	VN							
129.54	RC12542	0.063	0.5	884	Xqp	129.54	129.54															
131.06	RC12543	0.073	1.5	860	Xqp							131.06										
132.59	RC12544	0.009	0.4	80								132.59	1.5	VN								
134.11	RC12545	0.187	0.5	3320								134.11	1.5	LITH								

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

Assays					Litho			Alteration				Mineralization								
Depth	SampleID	Au	Ag	As	Depth	Lith1	Lith2	Depth	Alt1	Alt1	Alt1	Depth	Pyrite	Arsenic	Chalcopyrite	Galena	Sphalerite			
(m)		(ppm)	(ppm)	(ppm)	(m)			(m)		Int	Form	(m)	%	occur	%	occur	%	occur	%	occur
	RC12546	0.092	0.2	1410																
135.64												135.64								
	RC12547	0.143	0.1	1980										1.5	VN					
137.16					137.16							137.16								
	RC12548	0.754	0.8	8260																
138.68																				
	RC12549	0.664	1.6	10000					No Data			140.21								
140.21																				
	RC12551	0.104	0.8	3580									1.5	LITH						
141.73												141.73								
	RC12552	0.046	0.3	561									1.5	LITH						
143.26						Xqp	Xqp					143.26								
	RC12553	0.096	0.6	933									1.5	VN						
144.78												144.78								
	RC12554	0.123	0.3	1200									1.5	FOL						
146.30																				
	RC12555	0.044	0.1	1050									No Data							
147.83												147.83								
	RC12556	0.113	0.4	2720									3.5	VN						
149.35					149.35			149.35				149.35								
	RC12557	0.089	0.2	732									No Data							
150.88						Xqp			WM	A	DFR	150.88								

Golden Predator
Program 2010
Logger Karin Fecova

Hole name	GDRC10-028
Length (m)	195.07
Log Date	03/11/2010

[illegible]

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
													%	occur	%	occur	%	occur	%	occur	%	occur
169.16	RC12571	0.086	0.2	1015	169.16	Xq		169.16				169.16										
170.69	RC12572	0.041	0.1	739	173.74	Xq		No Data				170.69	1.5	LITH								
172.21	RC12573	0.114	0.2	1810			172.21															
173.74	RC12574	0.914	1.3	1225			173.74															
175.26	RC12575	0.053	0.1	422			175.26					1.5	VN									
176.78	RC12576	0.048	0.1	42																		
178.31	RC12577	0.03	0.1	61	178.31																	
179.83	RC12578	0.021	0.1	33	181.36	Xqp																
181.36	RC12579	0.053	0.1	2830																		
182.88	RC12581	0.007	0.1	55	184.40							182.88										
184.40	RC12582	0.007	0.1	61								184.40	0.5	VN								

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

Assays					Litho			Alteration				Mineralization										
Depth (m)	SampleID	Au (ppm)	Ag (ppm)	As (ppm)	Depth (m)	Lith1	Lith2	Depth (m)	Alt1	Alt1 Int	Alt1 Form	Depth (m)	Pyrite		Arsenic		Chalcopyrite		Galena		Sphalerite	
													% occur	% occur	% occur	% occur	% occur	% occur	% occur	% occur		
185.93	RC12583	0.205	0.3	522	185.07	Xqp	Xq	185.93				185.93	0.5	VN								
187.45	RC12584	0.02	0.3	117										187.45	3.5	LITH						
188.98	RC12585	0.01	0.1	116					WM	4	PER			188.98	3.5	VS						
190.50	RC12586	0.046	0.1	1680					No Data					190.50	1.5	VN						
192.07	RC12587	0.026	0.3	133																		
193.60	RC12588	0.016	0.2	70					WM	5	PER				193.60	0.5	LITH					
195.12	RC12589	0.021	0.3	290											195.07							

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
0.00	4.57	Xqp	0	muscl-chlor schist, perv oxid and chlor-musc schist weakly oxid
4.57	7.62	Xp	0	graphitic phyllite or vfg chlor-musc metaseds
7.62	9.14	VNq	0	appears to be a massive qz vn as almost all frags are oxid stained qz
9.14	10.67	Xq	0	muscl-chlor schist, perv oxid
10.67	18.29	Xqp	0	chlor-musc schist, occas graph phyll +/- micron sized thin short tour needles within muscl foltn plane
18.29	21.34	Xqp	0	muscl-chlor schist
21.34	30.48	Xqp	0	chlor-musc +/-bio +/- gt? schist
30.48	65.53	Xqp	0	muscl-chlor schist and chlor-musc schist
65.53	83.82	Xqp	0	chlor-musc schist w subordinate muscl-chlor schist
83.82	85.34	Xq	0	schistose qtzite
85.34	96.01	Xqp	0	domint muscl-chlor schist, subordinate chlor-musc schist, schistose qtzite and muscl schist
96.01	99.06	Xp	0	vfg crenltd phyl w qz-py vns
99.06	102.11	Xqp	0	muscl-chlor schist and chlor-musc schist
102.11	103.63	Xqp	0	muscl-ser-chlor schist
103.63	111.25	Xqp	0	muscl-chlor schist and chlor-musc schist
111.25	112.78	Xq	0	muscl-ser schist/schistose qtzite
112.78	114.30	Xqp	0	muscl schist w tourm needles along foltn (5% 1-2mm long, brown, randomly orientd in foltn plane)
114.30	115.82	Xqp	0	muscl-chlor schist
115.82	121.92	Xqp	0	muscl-ser +/- chlor schist
121.92	123.44	Xqp	0	chlor-musc schist
123.44	124.97	Xqp	0	muscl-chlor schist
124.97	128.02	Kvl	0	fresh and serictd lamprophyre as prev describd in DD holes and muscl-ser-chlor schist
128.02	129.54	Xqp	0	muscl-ser -chlor schist
129.54	137.16	Xqp	0	chlor-musc schist
137.16	149.35	Xqp	0	both muscl-chlor and chlor-musc schist; 450-460 ft very likely veined (vn breccia w sulphs)
149.35	152.40	Xqp	0	muscl-ser-chlor schist
152.40	153.92	Kvl	0	fresh lamprophyre as prev describd w minor frags of ser'd lamprophyre w clusters of py
153.92	156.97	Xqp	0	chlor-musc schist
156.97	163.07	Xq	0	schistose qtzite
163.07	166.12	Xqp	0	muscl-chlor and chlor-gt(?) pink but very soft -bio(?) -musc schist (alternating layers of green and pink)
166.12	169.16	Xq	0	muscl schist/schistose qtzite
169.16	178.31	Xq	0	chlor-musc schist and muscl-bio schist

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
178.31	181.36	Xqp	0	musc-chlor schist
181.36	195.07	Xqp	0	chlor-musc schist w subordinate musc-chlor schist

ALTERATION

mFrom	mTo	Lith1	Relog	Comments
45.72	47.24	WM	0	in schistose qtzite
62.48	64.01	WM	0	in schistose qtzite
67.06	68.58	WM	0	in schistose qtzite/musc-ser schist
73.15	76.20	WM	0	in schistose qtzite
83.82	85.34	WM	0	in schistose qtzite
111.25	114.30	WM	0	in schistose qtzite
115.82	121.92	WM	0	in schistose qtzite
126.49	129.54	WM	0	ser in both lamprophyre and musc
149.35	152.40	WM	0	in musc-ser schist
152.40	153.92	WM	0	perv sert'z lamprophyre frags (minor in the interval, domint fresh lamprophyre)
153.92	156.97	WM	0	in musc-chlor schist
156.97	163.07	WM	0	in musc-chlor schist
166.12	169.16	WM	0	in musc-chlor schist
185.93	188.98	WM	0	in musc-chlor schist
190.50	195.07	WM	0	in musc-chlor schist

MINERALISATION

mFrom	mTo	Min1	Relog	Comments
6.10	7.62	PY	0	qz w occasional 1 mm po agr's assoctd w chlor
16.76	18.29	PY	0	w occas 0.5-1mm py diss in qz
18.29	19.81	SB	0	stibnite needles in qz
27.43	30.48	PY	0	w 0.5-1mm euh py in qz or dis py along fracs in qz
30.48	33.53	PYPO	0	min 2 in musc-chlor schist, 1mm aspy clx euh stria randomly diss; po as usual assoctd w chlor
35.05	39.62	PO	0	w chlor'd host frags and po assoctd with them
44.20	45.72	PYPO	0	in both chlor-musc and musc-chlor schist
50.29	51.82	AS	0	0.5-1mm euh diss aspy and py, aspy along selvs, py in vn mostly
54.86	56.39	ASPY	0	in musc-chlor schist

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
57.91	59.44	PY	0	w bl py along selv
60.96	62.48	PY	0	in schistose qtzite/musc schist as 0.5 mm py cxls diss in the host
62.48	64.01	PY	0	min 1 in schistose qtzite/musc schist as 0.5 mm py cxls diss in the host; min 2 is very likely in qz vn (frags so small hard to tell of it is qzose part of a schist or a qz vein; 0.5-1mm aspy and py fd and dis in qz vn
67.06	68.58	PYPO	0	in chlor-musc schist
68.58	70.10	PYPO	0	in selv of gyl, fmg qz vn (?), difficult to tell from frags; po and py in form of 1-2mm cxl aggre, occur together
70.10	71.63	PY	0	min 1 5mm thick vein w 1-2mm py cxls dis along selv, assoctd w chlor along selv; min 2 in form of 1-2mm blebs of fg py and po diss along foltn
71.63	73.15	PO	0	min 1 1 mm po assoctd w chlor in vn
73.15	76.20	PY	0	0.5mm py cxls diss in vn and selv
83.82	85.34	PY	0	0.5mm py cxls diss in qz
91.44	96.01	PY	0	qz w diss py cxls most commonly along selv
96.01	97.54	PY	0	40% fg to mg euh py in qz hairline veinlet cross-cutting wgy fg qz
99.06	100.58	ASPY	0	min 2 preferentially in chlor bearing schist
100.58	102.11	PY	0	min 1 1 mm agr of euh py (strongly yellow) dis in qz; min 2 po assoctd w chlor in vn
102.11	103.63	PY	0	in musc-ser-chlor schist
103.63	105.16	PYPO	0	1 cm thick qz vn w occas diss po and py assoctd w chlor in vn
105.16	112.78	PY	0	occas 0.5 mm py in vn
124.97	126.49	ASPY	0	vn 1 sul are 2% euh 1 mm aspy and 2% fdis py; vn 2 is common in musc-chlor schist;
126.49	131.06	PY	0	w occas 0.5 mm py cxl in qz
131.06	132.59	PY	0	vn 1 w occas 0.5 mm py cxl in qz; in chlor schist preferentially
132.59	134.11	ASPY	0	0.5mm aspy and py cxls diss in qz
135.64	137.16	AS	0	0.5 mm aspy cxls diss along frac in vn
137.16	140.21	ASPY	0	sul are 2mm euh aspy aggr's and 1 mm euh py diss in vn and along selv
140.21	141.73	PY	0	min 1 2% 0.5-1mm py aggr diss in qz vn
141.73	143.26	PY	0	0.5 mm fg clusters of py diss mostly in musc-chlor schist
143.26	144.78	PY	0	0.5-1mm fg clusters of py in qz and vn selv
144.78	146.30	ASPY	0	min 1 w occas diss aspy and py in qz
147.83	149.35	PY	0	w fd py along frac in vn
150.88	152.40	ASPY	0	w sulph: tr of diss hairlike dk gy 0.5 mm needles, 1-2mm clusters of aspy and py in frac of qz
152.40	153.92	PY	0	min 1 in form of 0.5 mm euh py diss in qz hairline; min 2 fg diss of py (0.5mm in clusters) in sert'd lampr; min 3 in form of 0.5mm fg clusters of aspy diss in qz

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
153.92	155.45	ASPY	0	sulphs 0.5 mm cxls of aspy and py diss in qz and in lith
155.45	156.97	PY	0	min 1 w py up to 1 mm blebs diss in qz; min 2 in musc-ser schist
156.97	158.50	PY	0	in schistose qtzite
158.50	160.02	ASPY	0	min 1 is fdiss clusters up to 1 mm in wh and wgy qz; min 2 is in musc-ser schist
160.02	163.07	ASPY	0	min 1 fd in clusters in qz; min 2 in form of up to 1 mm euh aspy cxls
163.07	164.59	PY	0	min 1 w diss 0.5 mm blebs of py; min 2 in form of up to 1 mm aspy cxlts in foltn in a frag of chlor-gt(?) pink but very soft -bio(?)-musc schist
166.12	167.64	ASPY	0	in schistose qtzite, sub to euh , up to 1 mm cxls of aspy and py
167.64	169.16	ASPY	0	up to 1 mm aggr of euh and subhed aspy and py cxls in qz
169.16	170.69	ASPY	0	min 1 in form of 0.5mm diss aspy and py ; min 2 in form of 0.5 mm py bl in chlor domin schist
170.69	172.21	PYPO	0	in musc-bio schist
172.21	173.74	ASPY	0	0.5mm or less dissmts of aspy and py in qz
173.74	175.26	PY	0	in form of dissmtn in qz
175.26	182.88	PO	0	assoctd w chlor
185.93	187.45	PY	0	min 1 fg continuos strings of yellow py diss along fracs in vn and vn selv; min 2 strings and blebs of fg py in lith; just a note that the interval above that has no vis minerlzn in a chip tray has 0.2 g/t Au and this interval with fairly abundt py min visible to naked eye has 0.020 g/t Au
188.98	190.50	PY	0	min 1 in form of 0.5 mm bl of py in both musc domin and chlor domint schist
190.50	195.07	PY	0	occas dissmt of py in qz and selv;

VEINS

mFrom	mTo	Vein1	Relog	Comments
0.00	4.57	QI	0	no vis min
6.10	7.62	QI	0	difficult to tell if mas or mfol, w occas diss py in vn
9.14	10.67	QI	0	no vis min
13.72	15.24	QI	0	no vis min
16.76	18.29	QPY	0	w occas 0.5-1mm py diss in qz
19.81	21.34	QI	0	no vis min
21.34	24.38	QPY	0	w traces of py
27.43	30.48	QPY	0	w 0.5-1mm euh py in qz or dis py along fracs in qz
35.05	39.62	QCLS	0	w chlor'd host frags and po assoctd with them
45.72	48.77	QPY	0	vn 2 w no vis min
50.29	51.82	QS	0	0.5-1mm euh diss aspy and py, aspy along selv, py in vn mostly

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
53.34	56.39	QZ	0	no vis min
56.39	57.91	QPY	0	7mm thick vn w fd py along selvs
57.91	59.44	QPY	0	w bl py along selvs
62.48	64.01	QS	0	aspy and py very likely in qz vn (frags so small hard to tell of it is qzose part of a schist or a qz vein
68.58	70.10	QS	0	vein 1 sulph are po and py; vein 2 no vis min
70.10	71.63	QPY	0	5mm thick vein w 1-2mm py cxls dis along selvs, assoctd w chlor along selvs
71.63	73.15	QZ	0	vn 1 w no vis min
73.15	76.20	QPY	0	vn 1 occas py cxls in vn and vn selvs; vn 2 occas qz hairline fracs, also cross veins w no vis min
76.20	77.72	QZ	0	no vis min
83.82	85.34	QPY	0	occasional 0.5 mm py cxls diss in qz
88.39	91.44	QPO	0	qz w occasional po agr's assoctd w chlor
91.44	96.01	QPY	0	qz w diss py cxls most commonly along selvs
96.01	99.06	QZ	0	vn 2 cut across vn1 and contains 50% fd and dis py in hairline fracture filled w qtz;
99.06	100.58	QS	0	w sul: in vugs close to selvs and diss in vn
100.58	102.11	QS	0	sulph: py and po diss in qz
103.63	105.16	QS	0	1 cm thick qz vn w occas diss po and py assoctd w chlor in vn
105.16	112.78	QPY	0	w occas 0.5 mm py in vn
114.30	115.82	QPY	0	w occas 0.5 mm py cxls in qz
117.35	118.87	QPY	0	w occas 0.5 mm py cxls in qz
121.92	124.97	QPY	0	qz w fdis py in vn
124.97	126.49	QS	0	sulp are 2% euh 1 mm aspy and 2% fdis py
126.49	131.06	QPY	0	w occas 0.5 mm py cxi in qz
131.06	132.59	QPY	0	w occas py in qz
132.59	134.11	QS	0	w occas aspy and py in qz
135.64	137.16	QAS	0	0.5 mm aspy cxls diss along fracs in vn
137.16	140.21	QS	0	sul are 2mm euh aspy aggr's and 1 mm euh py diss in vn and along selvs
140.21	141.73	QPY	0	vn 1 qz w 0.5-1mm py aggr diss in vn
141.73	143.26	QZ	0	no vis min
143.26	144.78	QPY	0	0.5-1mm fg clusters of py in qz and vn selvs
144.78	146.30	QS	0	w occas diss aspy and py in qz
146.30	147.83	QZ	0	no vis min
147.83	149.35	QPY	0	w fd py along fracs in vn
149.35	150.88	QZ	0	no vis min

Project Gold Dome (Sheelite) - Yukon
Area Rudolph

Golden Predator
Program 2010
Logger Karin Fecova

Hole name GDRC10-028
Length (m) 195.07
Log Date 03/11/2010

LITHO

mFrom	mTo	Lith1	Relog	Comments
150.88	152.40	QS	0	w sulph: tr of diss hairlike dk gy needles, clusters of aspy and py in frags of qz
152.40	153.92	QPY	0	vn 1 0.5 mm euh py diss in qz hairline; vn 2 is qz w fg aspy in clusters dissmts
153.92	155.45	QS	0	sulphs aspy and py diss in qz
155.45	156.97	QPY	0	w py blebs diss in qz
158.50	160.02	QAS	0	vn 1 has fg clusters (up to 1mm) of aspy; vn 2 has fd-diss of py and aspy and po
160.02	163.07	QS	0	sulphs aspy and py diss in vn
163.07	164.59	QPY	0	w diss 0.5 mm blebs of py
167.64	170.69	QS	0	up to 1 mm aggr of euh and subhed aspy and py cxls in qz
172.21	173.74	QS	0	w fd of aspy and py in qz
173.74	175.26	QPY	0	in form of dissmtn in qz
182.88	185.93	QZ	0	vn 1 w no vis min; vn 2 bl of py diss in qz
185.93	187.45	QPY	0	py diss in vn and vn selvs
187.45	190.50	QPY	0	w dissmt of py in selvs
190.50	195.07	QPY	0	w occas dissemnts of py in vn and selvs

STRUCTURES

mFrom	mTo	Struct1	Relog	Comments