

SILVER PREDATOR CORPORATION

**11th floor - 888 Dunsmuir Street
Vancouver, British Columbia, V6C 3K4**

Telephone: 604-648-4653

Fax: 604-642-0604

**Assessment Report on the
2011 Diamond Drilling
At the Plata Project
Plata, CC, CD, Cuzco, Inca and Trail Claims
NTS 105N/9 & 105O/12
Latitude 63°37' N; Longitude 132°00' W
In the Mayo Mining District, Yukon Territory**

Claim Name	Grant No.	Claim Name	Grant No.	Claim Name	Grant No.
Plata 1-24	Y68588-Y68611	Plata 169-176	Y68781-Y68788	CC 97-128	YD104639-YD104670
Plata 25-31	Y68580-Y68586	Plata 177-180	Y68749-Y68752	CC 129-166	YD02338-YD02301
Plata 82	Y68678	Cuzco 1-38	YC57479-YC57516	CC 167-206	YD02379-YD02340
Plata 84	Y68680	Inca 1	Y68955	CC 207-238	YD02412-YD02381
Plata 86	Y68682	Inca2	YC57477	CC 239-276	YD02460-YD02423
Plata 88	Y68684	Inca 3-9	Y68957-Y68963	CC 277-338	YD02461-YD02522
Plata 90	Y68686	Inca 10	YC57478	CC 343-356	YD02536-YD02523
Plata 92	Y68688	Inca11	Y68965	CC 359-376	YD02558-YD02541
Plata 94	Y68690	Inca 13-16	Y68967-Y68970	CC 379-404	YD02563-YD02588
Plata 96-112	Y68692-Y68708	Inca 17	Y68971	CC 413-466	YD02590-YD02650
Plata 113-120	Y68773-Y68780	Inca 19	Y68973	CC 474-503	YD02658-YD02687
Plata 122	Y68710	Inca 21	Y68975	CC 510-517	YD02694-YD02701
Plata 124	Y68712	Trail 1-24	YC67664-YC67687	CC 521-530	YD02705-YD02714
Plata 126	Y68714	Trail 25-60	YC67688-YC67723	CC 530-600	YD02717-YD02784
Plata 128-132	Y68716-Y6872	Trail 61-132	YC68122-YC68193	CD 1-3	YE10005-YE10007
Plata 134	Y68722	CC -1-64	YD104701-YD104764	CD 5-8	YE10008-YE10011
Plata 145-152	Y68733-Y68740	CC 65-96	YD104765-YD104796	CD F 9-10	YE10012-YE10013

**Prepared for
SILVER PREDATOR CORPORATION**

**By
Karin Fecova, M. Sc.
Farrell Andersen, B.Sc.**

**Fieldwork done in July-August 2011
Report submitted in April 2012**

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INTRODUCTION

Silver Predator conducted a 2565 meter diamond drilling program from July 3 to August 22 on the 176km² Plata property in east-central Yukon. The Company's 2011 drilling program targeted two known mineralized zones: Etzel and P2 vein. Drilling also tested for mineralization along two structures: P12 and Aho.

The Plata property is host to silver, gold, lead and zinc bearing veins and stockwork zones within low angle reverse and high angle normal faults displacing Proterozoic to Paleozoic clastic and pelitic sediments.

All the work was supervised by the authors of this report in accordance with the Exploration Best Practices Guidelines published by the Canadian Institute of Mining and Metallurgy.

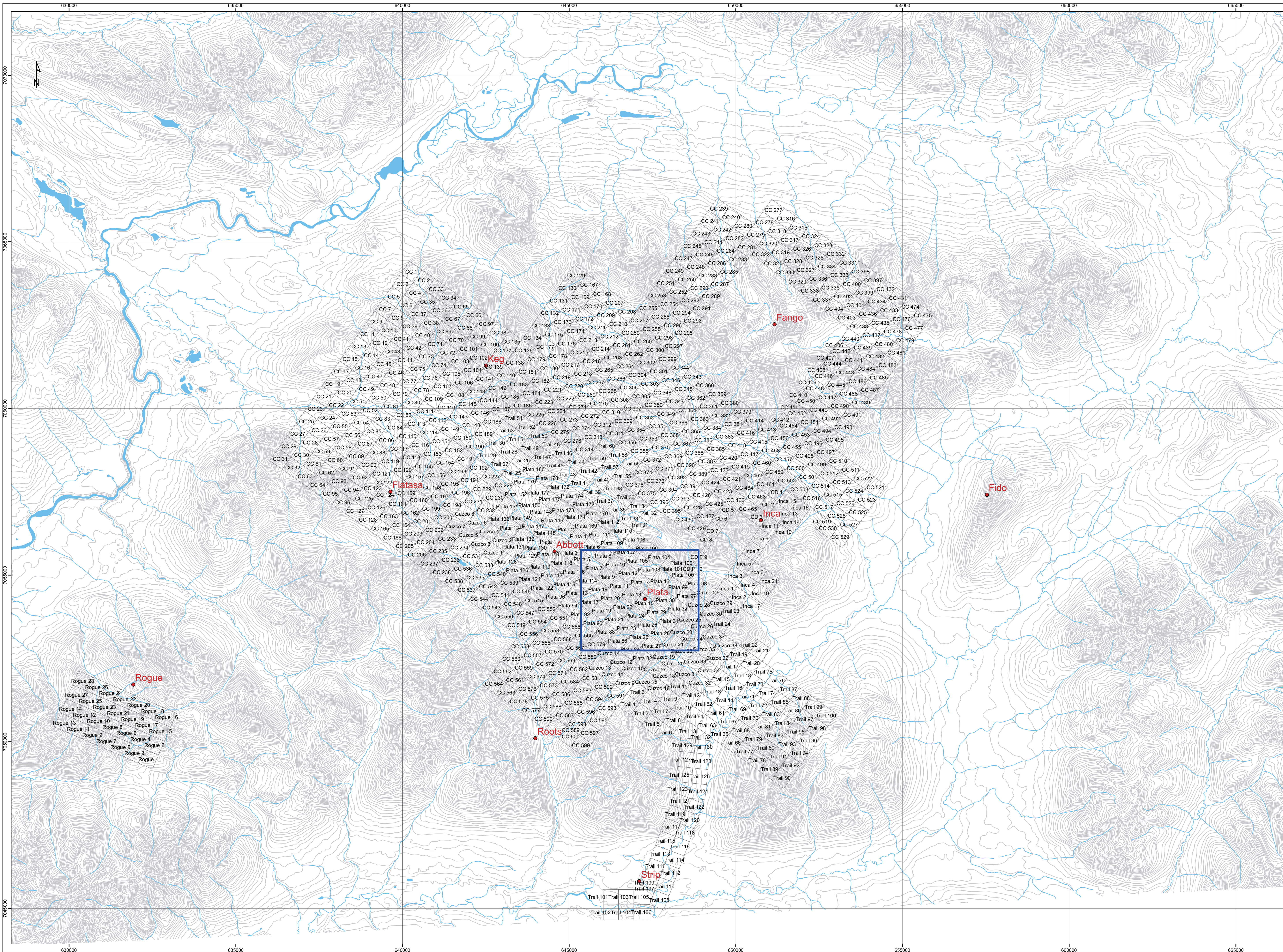
PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Plata Property is located in east-central Yukon Territory at latitude 63°37' north and longitude 132°00' west on National Topographic System map sheets 105N/9 and 105O/12. It is located 190 km east of the village of Mayo and 165 km north of the community of Ross River. Both Mayo and Ross River are accessible by the Yukon highway system and have government maintained gravel airstrips. The city of Whitehorse, the capital of Yukon Territory lies 407 km by road south of Mayo and 360 km by road southwest of Ross River.

The property consists of 856 contiguous mineral claims (175.91 km²) registered 100% either to Silver Predator Corporation or to Rockhaven Resources Ltd. Claims registered to Rockhaven are under option to Silver Predator. The locations of the individual claims are shown in Figure 1 in the pocket on the following page. The blue rectangle outlines the area of past and recent exploration activity.

The property can be reached by helicopter from seasonal bases in Mayo and Ross River. A gravel airstrip suitable for all types of bush aircraft is located on the property, approximately 11 km south from the camp and main showings. A four-wheel drive track connects the camp to the airstrip. An extensive system of tracks and bulldozer trails connects the camp to various work areas on the property. There is a 110 km long winter road used in the past for mobilizing heavy equipment to the property that extends from the airstrip to the North Canol Road. The North Canol Road is a seasonal gravel road that runs northeast from Ross River to just inside the Northwest Territories border and provides access and staging areas for development projects in northern Yukon.

The 2011 work program was completed from a tent frame camp located along the road connecting the drill sites to the Plata airstrip. Side by side RTV's and single rider ATV's were used to access drill sites via the pre-existing road and trail system. The drill rig was flown onto the property by fixed wing and then mobilized onto prepared drill sites by helicopter.



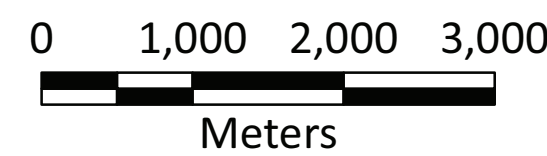
Legend

- SPD_AllClaims (excluding GPD claims Rouge 1-28)
- O-streams_In
- O-water_pg
- O_contours_In
- N-streams_In
- N-water_pg
- N-W_contours_In



Plata

Claims, streams and topography



Scale:	1:50,000	Map ID:	--
Draw Date:	2012/01/13	Rev. Date:	2012/03/04
Version:	1	Figure:	1
Author:	K. Fecova	Office:	Vancouver
Location:	190 km E of Mayo village, Yukon Territory		
Projection:	NAD 1983 UTM Zone 5N		
Filename:	SPD_20120304_claims_topo_streams		

Table 1. Claim Information for the Plata Property

Claim Name	Grant No.	Registered Owner	Operator
Plata 1-24	Y68588-Y68611	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 25-31	Y68580-Y68586	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 82	Y68678	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 84	Y68680	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 86	Y68682	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 88	Y68684	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 90	Y68686	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 92	Y68688	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 94	Y68690	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 96-112	Y68692-Y68708	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 113-120	Y68773-Y68780	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 122	Y68710	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 124	Y68712	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 126	Y68714	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 128-132	Y68716-Y6872	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 134	Y68722	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 145-152	Y68733-Y68740	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 169-176	Y68781-Y68788	Rockhaven Resources Ltd.	Silver Predator Corp.
Plata 177-180	Y68749-Y68752	Rockhaven Resources Ltd.	Silver Predator Corp.
Cuzco 1-38	YC57479-YC57516	Rockhaven Resources Ltd.	Silver Predator Corp.
Inca 1	Y68955	Rockhaven Resources Ltd.	Silver Predator Corp.
Inca2	YC57477	Rockhaven Resources Ltd.	Silver Predator Corp.
Inca 3-9	Y68957-Y68963	Rockhaven Resources Ltd.	Silver Predator Corp.
Inca 10	YC57478	Rockhaven Resources Ltd.	Silver Predator Corp.
Inca11	Y68965	Rockhaven Resources Ltd.	Silver Predator Corp.
Inca 13-16	Y68967-Y68970	Rockhaven Resources Ltd.	Silver Predator Corp.
Inca 17	Y68971	Rockhaven Resources Ltd.	Silver Predator Corp.
Inca 19	Y68973	Rockhaven Resources Ltd.	Silver Predator Corp.
Inca 21	Y68975	Rockhaven Resources Ltd.	Silver Predator Corp.
Trail 1-24	YC67664-YC67687	Rockhaven Resources Ltd.	Silver Predator Corp.
Trail 25-60	YC67688-YC67723	Rockhaven Resources Ltd.	Silver Predator Corp.
Trail 61-132	YC68122-YC68193	Rockhaven Resources Ltd.	Silver Predator Corp.
CC -1-64	YD104701-YD104764	Silver Predator Corp.	Silver Predator Corp.
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CC 167-206	YD02379-YD02340	Silver Predator Corp.	Silver Predator Corp.
CC 207-238	YD02412-YD02381	Silver Predator Corp.	Silver Predator Corp.
CC 239-276	YD02460-YD02423	Silver Predator Corp.	Silver Predator Corp.
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CC 359-376	YD02558-YD02541	Silver Predator Corp.	Silver Predator Corp.
CC 379-404	YD02563-YD02588	Silver Predator Corp.	Silver Predator Corp.
CC 413-466	YD02590-YD02650	Silver Predator Corp.	Silver Predator Corp.
CC 474-503	YD02658-YD02687	Silver Predator Corp.	Silver Predator Corp.
CC 510-517	YD02694-YD02701	Silver Predator Corp.	Silver Predator Corp.
CC 521-530	YD02705-YD02714	Silver Predator Corp.	Silver Predator Corp.
CC 530-600	YD02717-YD02784	Silver Predator Corp.	Silver Predator Corp.
CD 1-3	YE10005-YE10007	Silver Predator Corp.	Silver Predator Corp.
CD 5-8	YE10008-YE10011	Silver Predator Corp.	Silver Predator Corp.
CD F 9-10	YE10012-YE10013	Silver Predator Corp.	Silver Predator Corp.

HISTORY AND PREVIOUS WORK

Property Ownership

The high grade silver showings on the property were discovered by Atlas Exploration Limited in 1969 and were staked as the Plata and Inca claims. Atlas changed their name to Dynasty Exploration Ltd. and intermittently explored the property throughout the 1970's. The claims were sold in 1983 to Ebony Resources Corporation who then transferred them to a related company, Dawson Eldorado Gold Exploration Limited. Dawson Eldorado conveyed the claims to Gold City Mining Limited, and in 1993, Gold City sold the claims to Avanti Minerals Incorporated, whom transferred the claims to Big Blackfoot Resources Limited in 1997 (Carlson 2010).

In 2005, Big Blackfoot transferred the claims to a wholly owned subsidiary, Western Energy Services Corporation. Strategic Metals Limited purchased the claims from Western Energy in August 2007 and sold them to Rockhaven Resources Limited in November that year (Carlson 2010).

On March 11, 2011, Silver Predator Corporation entered into an option agreement with Rockhaven Resources to earn a 100% interest in the claims over a three year period subject to a net smelter royalty.

Historic Work

Initial work following discovery in 1969 resulted in more than 30 showings being located on the property. In 1972, Dynasty carried out bulldozer trenching over the main showings and completed 401 meters of diamond drilling in six holes at the P4 vein. In 1973, the airstrip was constructed and a winter road was pushed through from the North Canol Highway. More geological mapping, grid soil sampling and bulldozer trenching were conducted in 1973 and 1974.

In 1976, A. Harmon and F. Lavoie leased the property and shipped hand sorted ore from three different showings on the claims with grades reported to average 8571 g/t silver and 70% lead. Dawson Eldorado also shipped hand sorted ore from four veins during the period 1983 to 1985.

Grade is reported to average 4697 g/t silver. Table 2 summarizes historical production from veins on the Plata claims that was shipped to smelters.

Table 2. Historical Production - Plata Vein System (Turner 2010)

Vein	Year	Tonnes Shipped	Grade g/t (oz/ton) Silver	Silver Produced (oz)
P-1	1976	32	10285 (300)	10,500
P-1	1984	9	6857 (200)	2,000
P-2	1976,-83,-84	1636	2571-6857 (75-200)	237,500
P-5	1976,-83,-84	91	3428-5143 (100-150)	15,000
P-6	1976,-83,-84	273	2400 (70)	25,000

The most productive vein was the P2 vein located just below the peak of Plata Mountain at an elevation of 1735 meters. In late 1984, Dawson Eldorado drove an adit 110 m below the surface trace of the P2 vein for a total of 400 meters of drifting and crosscutting. The structure was encountered but not the ore shoot. In 1985 they drilled six holes from surface and seven holes from underground into the structure. Silver grades were much lower than what was mined at the surface of the P2 vein.

In 1987, an optioner of the property, Pacific Trans-Ocean Ltd., drilled 670 meters of core and RC in 15 holes and mined 65.5 tonnes from the P6 vein and 37 tonnes from the P4 vein. The reported grade for the P6 material averages 5142 g/t silver and 5.76 g/t gold. The reported grade for the P4 material averages 3531 g/t silver and 5.73 g/t gold.

In 1996, Dawson Eldorado carried out additional bulk sampling and drilled 975 m of core in seven holes at the P4 and P3 veins. In 1998, Alliance Pacific conducted trenching and drilled sixteen reverse circulation holes at the P4 vein.

Complete results are not available for the 1973, 1985 or 1996 drill programs. No assessment report was filed for the 1984/1985 work. The 1987 holes are drilled in the same area as holes drilled in 1973. Core recovery for the 1973 holes was reported as being poor. The 1996 drilling tested the P3 vein and the down dip extension of the P4 vein. No drill logs or core from the 1996 program have been located.

Strategic Metals conducted a hand-held GPS orientation survey on the property, locating existing road systems along with resampling some showings. They also contracted Geotech Ltd. to fly VTEM and magnetic surveys across the Plata and Inca claims, and arranged for J. Gibson Environmental Consulting to initiate baseline water quality studies. Rockhaven Resources conducted drilling, trenching and soil sampling programs in 2008 and 2009. They also extended the VTEM/magnetics survey, again using Geotech. Rockhaven drilled 4113 meters of core in 51 holes in 2008 and 347 meters of core in two holes in 2009 to evaluate the size and grade continuity along the interpreted Plata Thrust Fault, which is believed to be the host to the P3 and P4 veins. Their drilling shows the dip of the fault steepening from east to west and massive sulfide mineralization is confined to the fault plane. The vein varied from 0.3 to 3 meters width. In 2009, Rockhaven used a small excavator to trench a total of 170 meters at the P4, P2 and P6 veins. A total of 209 rock and chip samples were collected from the trenches. In 2008, a total of 417 soil samples were collected at 50 m intervals along 100 m spaced lines across historically identified geochemical anomalies and across the projected extension of the P3 and P4 veins. In 2009, a total of 55 soil samples were

collected at 50 m intervals on lines spaced 100 and 200 meters oriented perpendicular to the Plata Thrust Fault to test for potential mineralization east and west of the 2008 trenching and drilling. Prospecting in conjunction with the soil sampling did not locate any significant mineralization, possibly due to the trace of the fault being mostly covered by scree and talus cover. The 2008 and 2009 soil sampling has been combined with the historic sampling and is illustrated thematically for silver, lead and zinc in the technical report by Carlson (2010). Only the P6 (Etzel) and P2 anomalies has seen follow up work in the form of trenching or drilling.

GEOMORPHOLOGY AND CLIMATE

The Plata property is in the Bostock Range of the Hess Mountains between the Rogue and Hess Rivers. The Rogue and Hess rivers drain into the Bering Sea via the Pelly and Yukon rivers. The terrain is mountainous with elevations ranging from 750 m to over 2100 m above sea level. Lower elevation is blanketed by till of varying thickness, making outcrop scarce. At higher elevation, talus and scree predominate over glacial till. Outcrop is abundant along ridge crests and on north to east facing slopes. Creek valleys are heavily vegetated with mature spruce forests and willow thickets. These stands gradually give way to stunted spruce, willow and dwarf birch until treeline at 1400 m. Open slopes interspersed with occasional alpine grasses and shrubs occur above the treeline.

The climate has long, cold winters, truncated autumn and spring seasons, and short, mild summers. Temperatures range from -40 to +25 Celsius. In summer arctic cold fronts can advance on the area and snowfall may occur in any month. Annual precipitation averages 161 cm, occurring mostly as rain in summer. Maximum snow pack reaches one meter. Sunlight varies from 22 hours per day in June to approximately seven hours per day in late December. The property is usually snow free from early June to late September.

REGIONAL GEOLOGY

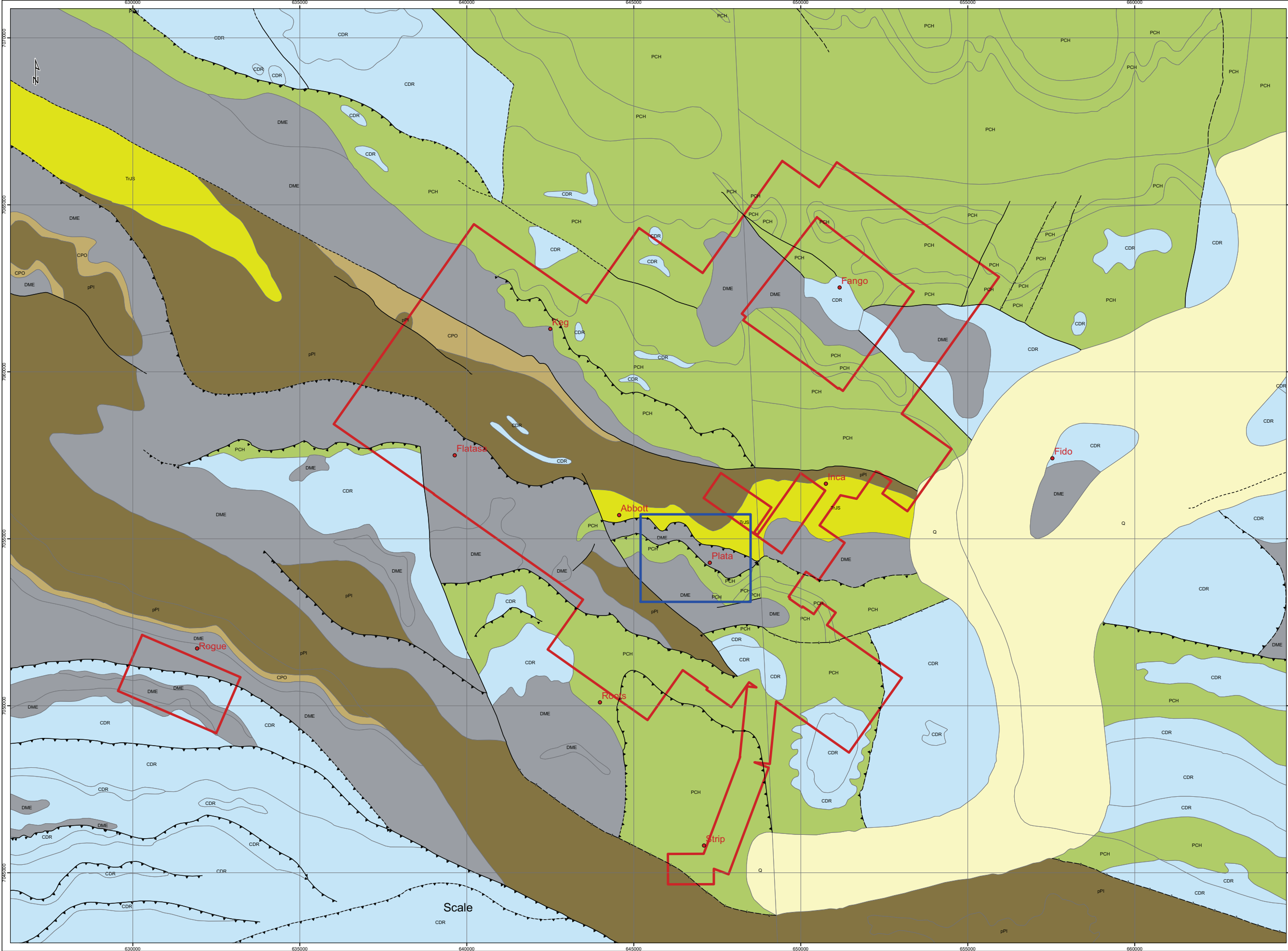
The Plata property is in the Selwyn Basin, a sedimentary basin that comprises deep-water clastic and pelitic sediments, chert and carbonate deposited on the continental margin from the Late Proterozoic through the Paleozoic eras. The claims straddle the Lansing (NTS 105N) and the Nidderly Lakes (NTS 105O) geology map sheets. Both sheets were originally mapped by Blusson (1974), and the Lansing map sheet has been updated by Roots et al. (1995). Figure 2 is modified from Gordey and Makepeace (2003) showing the regional geology, the Plata claims (red polygon) and the area of past and recent exploration (blue rectangle).

The basal stratigraphic succession in the region is the Late Proterozoic Hyland Group, comprised of quartzite, shale and minor limestone. This group is overlain by the Ordovician to Silurian Road River Group, predominantly composed of shale and chert. During Late Devonian, extensional tectonics and local rift basins resulted in a thick accumulation of chert pebble conglomerate, siliceous shale and chert, all belonging to the Earn Group. Ongoing basin sedimentation during Carboniferous to Permian time is named the Mount Christie Group. The Triassic age shale of the Jones Lake Formation is the youngest stratified unit in the region.

Basin sedimentation ended in the middle Jurassic when an island arc collided with the western boundary of the basin, initiating a period of deformation and uplift. This was followed by widespread emplacement of middle Cretaceous granitic intrusions of the Tombstone Suite. Only narrow dykes or sills have been mapped on the Plata property. The closest stock lies 17 km to the east.

Table 3. Summary of the Geology in the Plata Region (modified from Turner, 2010)

<i>MID- CRETACEOUS TOMBSTONE INTRUSIVE SUITE</i>	
KmqS	white and rusty weathering quartz-feldspar porphyry dykes and sills
<i>TRIASSIC JONES LAKE FORMATION</i>	
TrJ	interbedded orange-brown weathering olive green siliceous shale and recessive grey shale
<i>CARBONIFEROUS to PERMIAN MOUNT CHRISTIE GROUP (CPMC)</i>	
CPslt	orange-brown and dark grey weathering black siltstone
CPch	light grey weathering grey chert
<i>DEVONIAN to LOWER CARBONIFEROUS EARN GROUP (DME)</i>	
DME	undifferentiated shale, siliceous shale and chert
DMEsh	brown weathering, siliceous shale to argillite
DMEch	minor siltstone gossanous white and yellow weathering, thin-to medium-bedded grey and black chert
DMEcpc	conglomerate and grit with chert clasts
DMEba	stratiform laminated barite
<i>LOWER ORDOVICIAN TO UPPER SILURIAN ROAD RIVER GROUP (ODR)</i>	
SSlc	grey weathering, black to grey pyritic chert; discontinuous grey fossiliferous limestone lenses and pods
OSDsc	calcareous, sooty black mudstone
OSDca	calcareous black shale, siliceous argillite and chert
OSDsm	tan-brown weathering dolomitic siltstone, limestone and calcareous mudstone
OSDgc	black and grey banded chert, rusty brown weathering grey pyritic chert and minor chert-nodule limestone
OSDcm	thin bedded calcareous mudstone and silty shale
<i>UPPER PROTEROZOIC TO MIDDLE CAMBRIAN HYLAND GROUP (PCH)</i>	
PCHsh	maroon, green, brown and black shale and siltstone
PCHQ	light brown weathering grit, sandstone and thin bedded sandstone interbedded with shale
PCHl	white weathering, thick bedded, grey-white limestone



Legend

SPD_AllOutline

Yukon_Bedrock_Geology

- Q (Quaternary unconsolidated clastic (silt, sand))
- TrJS M-U Triassic sediment clastic (sh, arg)
- pPI Carb-Perm sediment clastic (chert, sh)
- CPO Mississippian sediment clastic (sh, quartzite)
- DME Devonian sediment clastic (chert, sh)
- CDR Lower Cambrian sediment clastic (mudstone, sh)
- PCH Upper Proterozoic sediment clastic (limestone, phyllite)

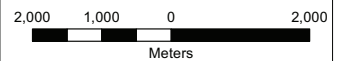
Yukon_Fault_Types

- Fault, approximate, movement undefined
- - - Fault, approximate, normal/reverse
- ▲- Fault, approximate, thrust, overturned
- ▲- Fault, approximate, thrust, upright
- Fault, assumed, movement undefined
- ▲-▲ Fault, assumed, thrust, upright
- Fault, defined, movement undefined
- Fault, defined, normal/reverse
- ▲— Fault, defined, thrust, upright
- Fault, extrapolated, dextral



Plata

Geology, structure and claim outline



Scale:	1:50,000	Map ID:	—
Draw Date:	2012/01/13	Rev Date:	2012/03/04
Version:	1	Figure:	2
Author:	K. Fecova	Office:	Vancouver
Location:	190 km E of Mayo, Yukon Territory		
Projection:	NAD 1983 UTM Zone 8N		
Filename:	SPD_20120304_geo_struct_claims		

PROPERTY GEOLOGY (modified from Carlson 2010)

The Plata claims were mapped in 1973 at a scale of 1:5,000 by Dynasty Exploration and provide the foundation for all further studies. It is difficult to distinguish stratigraphy with certainty because similar rock types are found in each of the geologic groups. Deformation is dominated by northwest trending structures interpreted to represent northeast verging, imbricated thrust faults and related folds. This deformation results in juxtaposition of units from different parts in the stratigraphic section. The following descriptions cover geology seen on the property.

Hyland Group (PCH)

The dominant and most readily recognized lithology of the Hyland Group is a maroon and green argillite named the Narchilla Formation. This unit, along with the Yusezyu Formation tan weathering sandstone, is preserved as a thrust wedge that strikes northwesterly through the peak of Plata Mountain near the center of the claim block. A thick, cliff-forming bedded grey limestone occurring at the peak may also belong to this Group. Folding is evident in some areas within the limestone and where adjacent to high angle faults, it is strongly brecciated.

Earn Group (DME)

Earn Group is typically rusty to dark grey and black weathering shale and chert, with local grey bedded barite and nodular barite horizons. Shale is often strongly graphitic and pyritic. Sheeted and stockwork barren white quartz veining is common to the shale adjacent to faults. The most distinctive Earn Group formation is the chert pebble conglomerate which underlies the southwest part of the property. Within the central part of the claim block, dark grey to black cherty argillite units are resistant and cliff forming. Bedding within the shale is often obscured by a steep, southwesterly dipping axial plane cleavage. The shale includes numerous distinctive carbonaceous fissile horizons.

Mount Christie Group (CPMC)

This is a monotonous sequence of orange-brown and dark grey weathering shale, siltstone and sandstone that occurs in northern parts of the property. Prior to recognition by Roots et al. in 1995, these rocks were considered part of the Earn Group.

Jones Lake Formation (TrJ)

This unit overlies the Mount Christie Group in the north-central part of the property, and comprises laminated, brown and grey weathering, fine grained calcareous siltstone and sandstone.

Tombstone Suite (KmqS)

Intrusions of the Tombstone Suite are common in the region, but the only occurrence within the property is a northwest striking, moderately dipping felsic dyke found near the Aho and Etzel zones. This intrusion ranges from 2 to 20 m thick and is typically pale orange weathering quartz-feldspar porphyry.

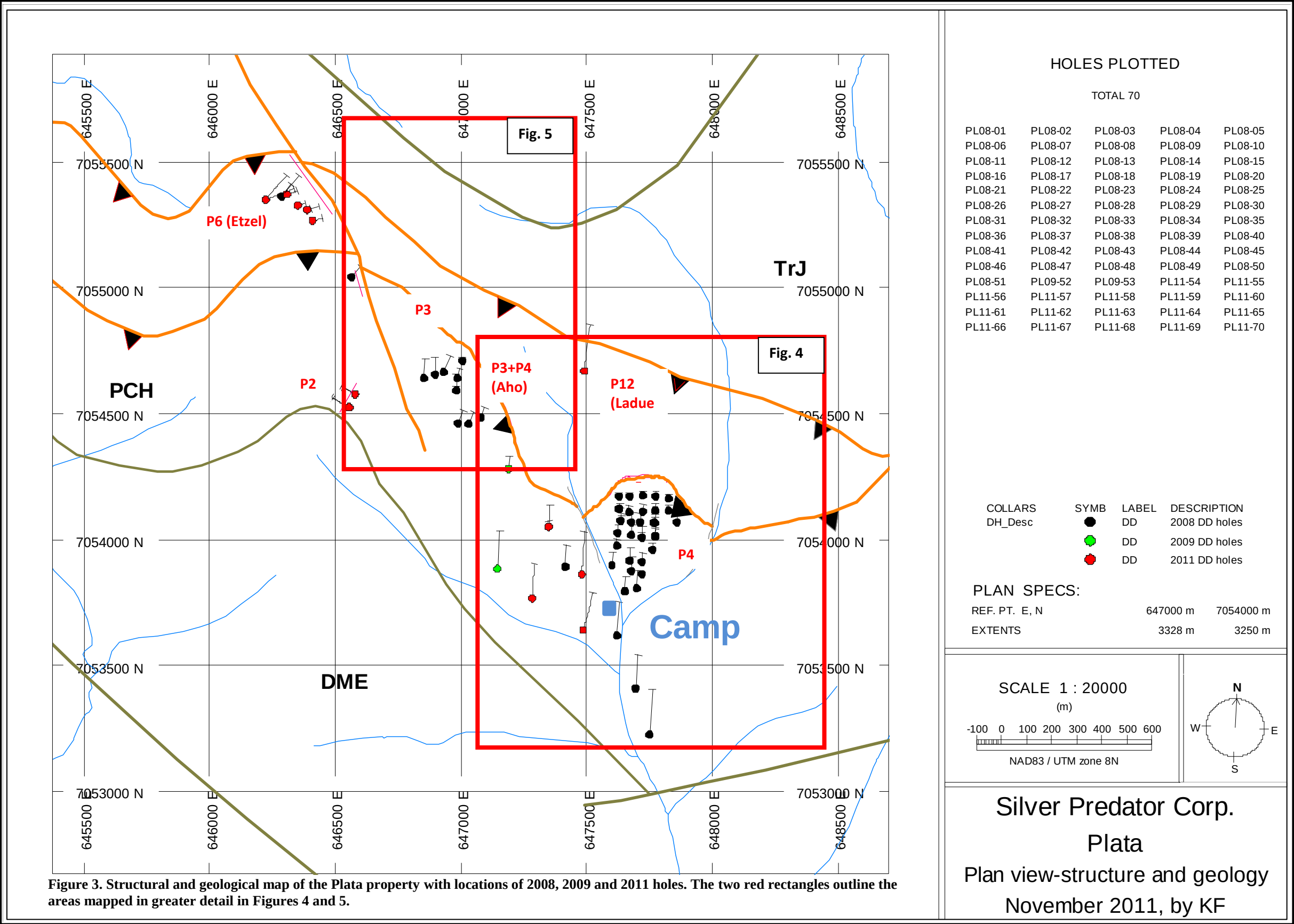
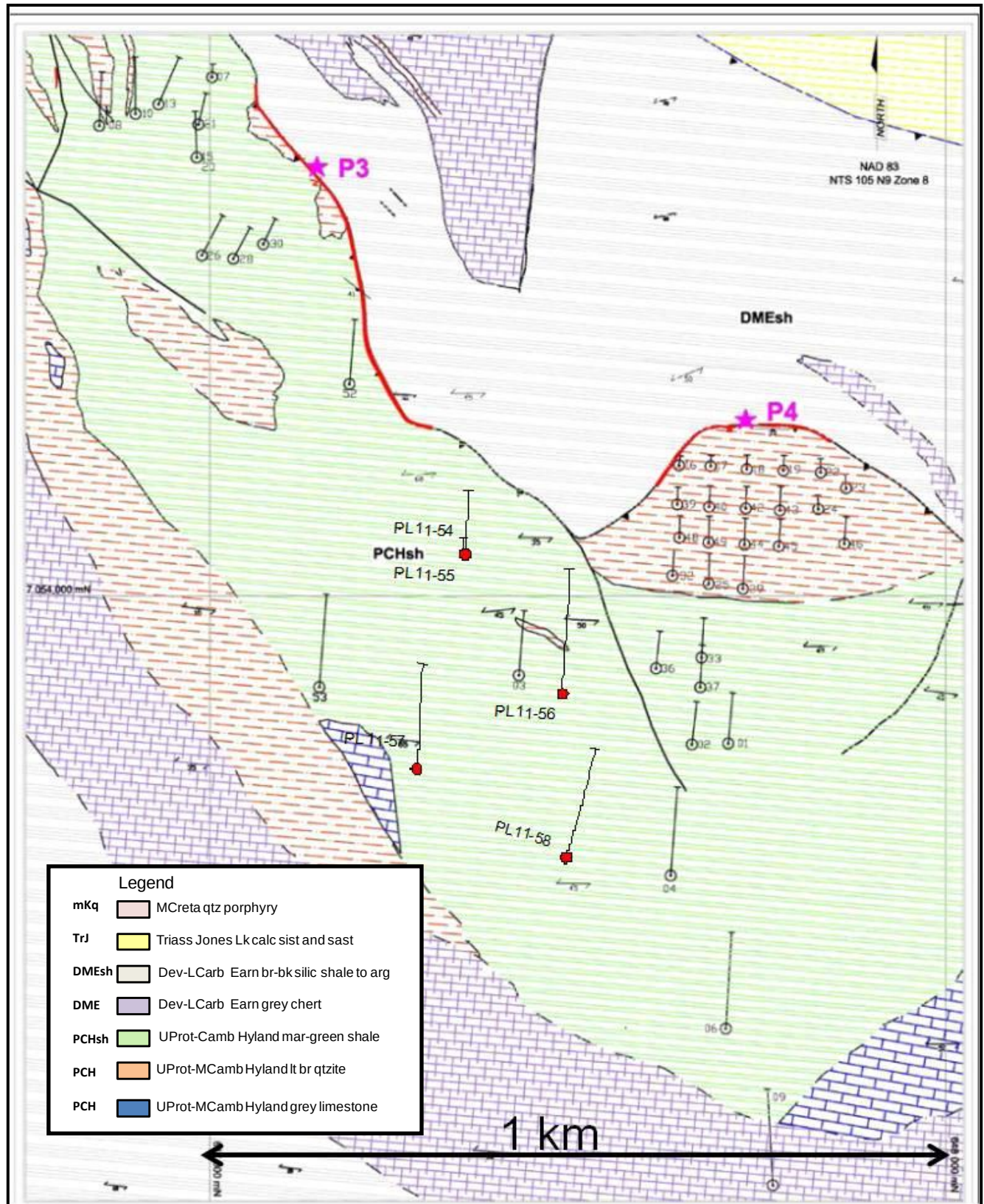


Figure 3. Structural and geological map of the Plata property with locations of 2008, 2009 and 2011 holes. The two red rectangles outline the areas mapped in greater detail in Figures 4 and 5.



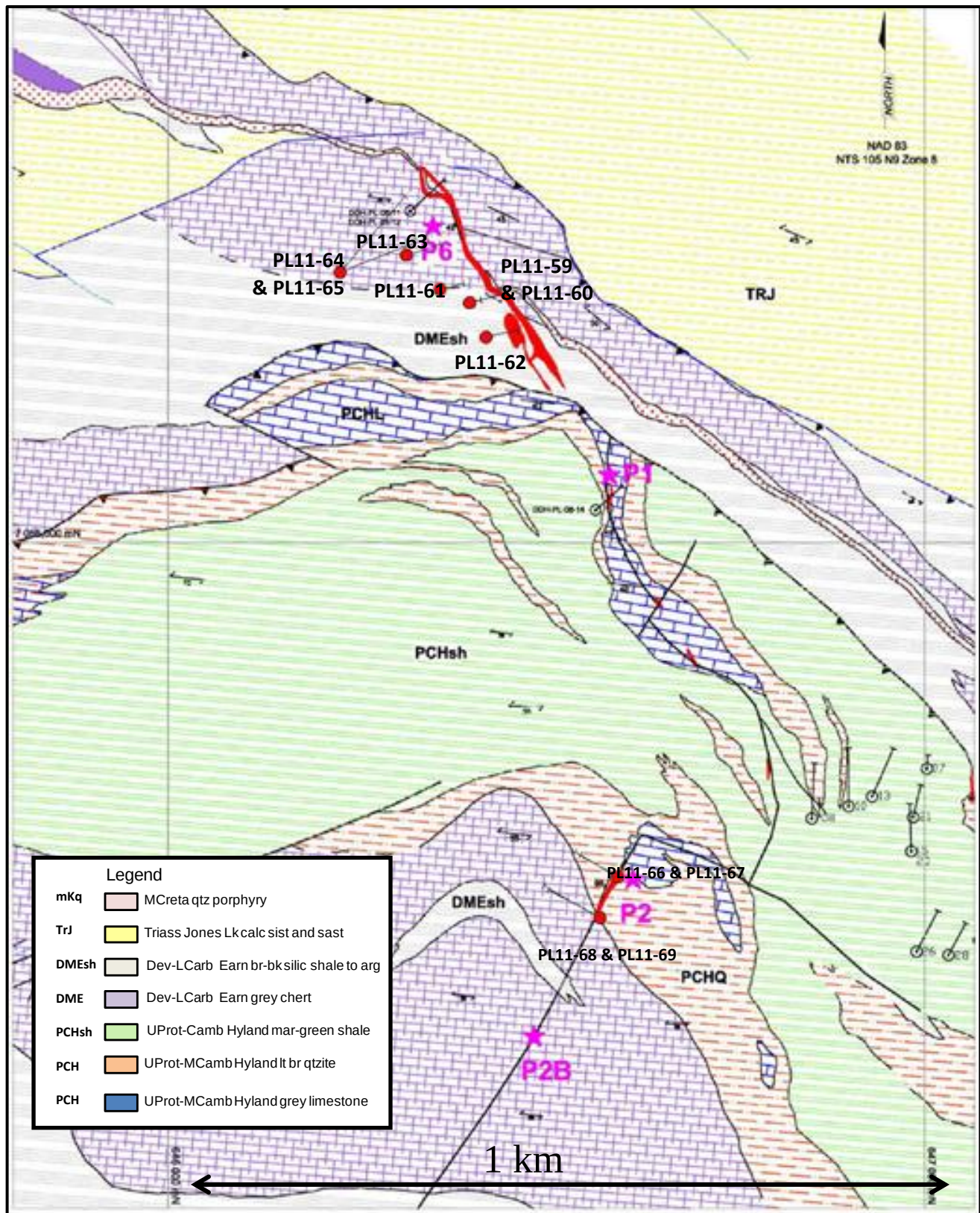


Figure 5. Detailed geological map of Etzel (P6), P2 and P3 veins with locations of 2008, 2009 and 2011 (red) holes (map taken from Turner 2010).

DESCRIPTION OF 2011 TARGETS

This chapter describes the zones of mineralization targeted in 2011 and is largely based on the descriptions given in Turner (2010).

Aho Zone

The diamond drilling and excavator trenching undertaken in 2008 and 2009 identified a relatively continuous style of mineralization in the Plata Thrust Fault, so the P3 and P4 showings, located along this structure, were combined and renamed the Aho Zone. The Aho Zone, located on the south flank of Plata Mountain, extends easterly down into the main valley. Historic drilling has traced mineralization along the structure for over 800 m along strike and 500 m down dip. Historical mining pits are in the eastern part of the zone (P4 vein) but there is no report documenting any smelting of this material. It is believed that the approximately 75 ore bags remaining at the airstrip contain P4 vein material. Random grab samples taken by Archer Cathro from these bags return a weighted average of 3579 g/t silver, 6.07 g/t gold, and 10.59% lead (Eaton 2008).

Mineralization along the eastern exposure (P4 vein) consists of fine to medium grained, banded pyrite, arsenopyrite, galena, sphalerite and tetrahedrite hosted in quartz-clay gangue. Systematic chip samples of bedrock collected from four trenches in 2008 averaged 1244 g/t silver, 4.25 g/t gold and 6.6% lead over 0.96 meters (Turner 2010). In the central part of the zone (P3 vein) chip samples taken along a road returned 2382 g/t silver, 9.85 g/t gold and 7% lead over 1.96 meters (Turner 2010).

Etzel Zone

The Etzel Zone is located in a recessive saddle between peaks of Plata Mountain, about 1.8km NNW from the camp site. The zone encompasses a central vein (P6 vein) and surrounding mineralized wallrock. It is located 160 m north of the P1 vein, and it is possible that these veins are hosted by the same north trending structure on opposite sides of the Plata Thrust Fault. Surface mining operations at the P-6 vein produced 708.74 kg of silver at an average grade of 8550 g/t (Turner 2010).

Mineralization consists of disseminated galena, tetrahedrite and sphalerite within widely spaced clay and quartz filled fractures around a central massive siderite vein hosting lenses of massive galena, tetrahedrite and sphalerite. The vein and fractures crosscut barren white quartz veined and brecciated cherty argillite and highly sheared shale. Replacement style mineralization is observed in narrow carbonaceous silty beds. Trenching on the Etzel system was undertaken in 2009 but the full width of the vein was not exposed due to topography and frozen ground. The most southern trench was the longest and averaged 94 g/t silver, 0.20 g/t gold, 0.51% lead, and 0.29% zinc over 40.54 meters (Turner 2010).

P2 Zone

The P2 Zone is located on the south slope 80m vertically below the peak of Plata Mountain. Surface mining operations on the P2 vein produced 7387 kg of silver, the most recovered from any showing on the Plata property (Carlson 2010).

The P2 vein is hosted in a structure oriented $030^{\circ}/70^{\circ}\text{W}$ and has been traced for 105 m along strike. The structure cuts limestone and quartzite to the northeast and shale and chert to the southwest. Mineralization consists of heavily disseminated to massive pods of galena, tetrahedrite and sphalerite hosted in siderite gangue. Grade varies from silver and lead rich at shallower levels to silver poor and zinc rich at depth. Chip samples from thirteen trenches excavated in 2009 along an 85 m length of the vein returned a weighted average of 812 g/t silver, 24.48% lead and 17.02% zinc across an average width of 1.93 m and along a strike length of 85 meters (Turner 2010).

Ladue Zone

The Ladue Zone covers various poorly defined zones including the P5, P11 and P12 veins and structures. The main mineralization is situated near a quartz-feldspar porphyry dyke in the footwall to the Plata Thrust Fault. Past workers identify this as the P5 vein but Rockhaven puts the P5 vein in a heavily trenched area across a narrow valley. Mineralization consists of pods and disseminations of galena and tetrahedrite hosted within steeply dipping siderite veins. Chip samples from a trench that tested the Ladue Zone (TR PL09-12) averaged 84 g/t silver and 0.80% lead with trace gold and zinc over 14 meters (Turner 2010).

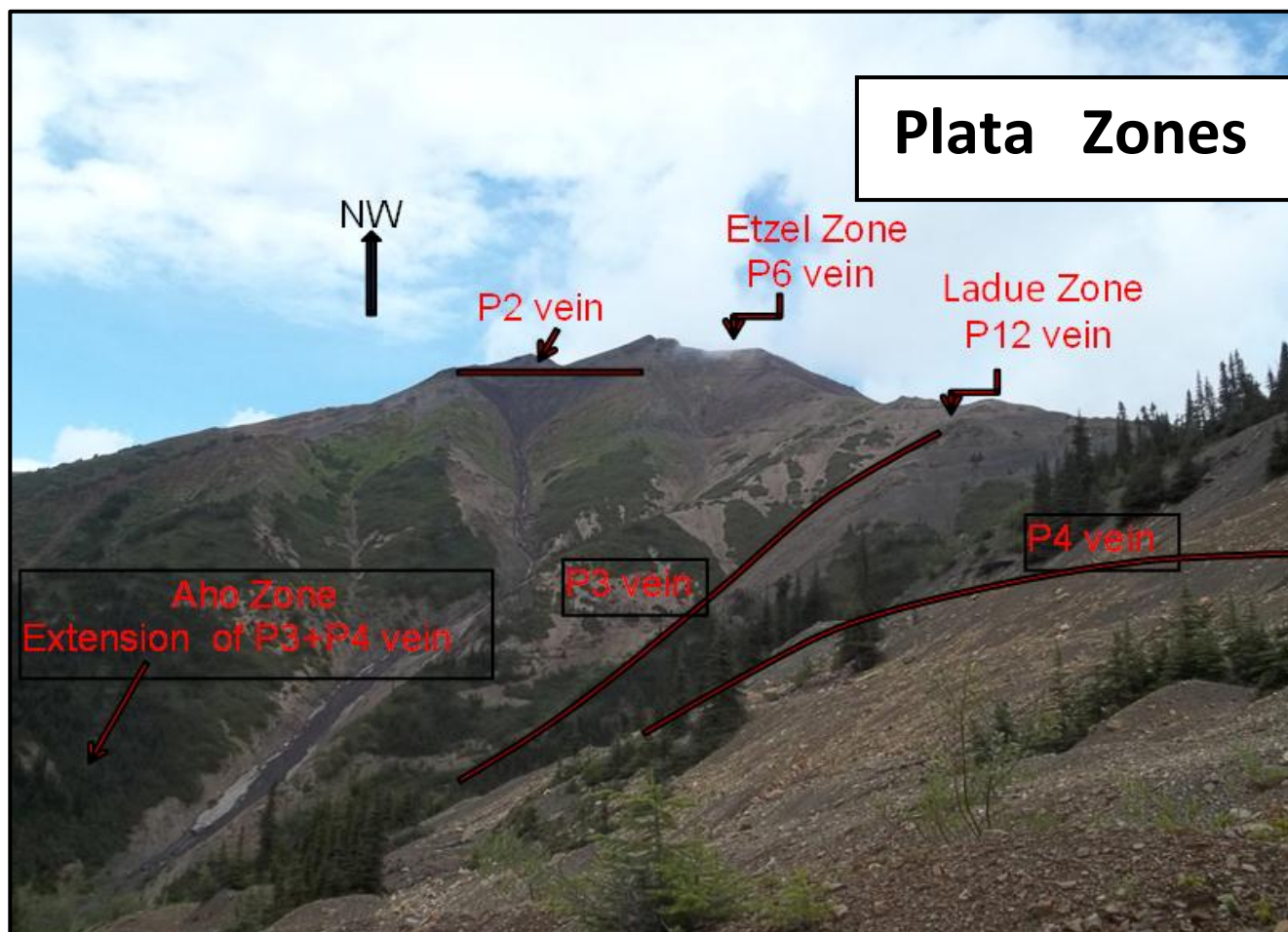


Figure 6. A northwest-looking view on Plata drilling zones

2011 DRILLING

Seventeen holes for 2565 meters of NTW core were drilled in 2011 by Whitehorse-based Kluane Drilling Ltd. using a heli-portable drill. The 2011 holes were collared along the road and trail network that was built during previous exploration. Drilling commenced on July 8th and completed on August 22nd, 2011. Upon completion of drilling, metal rods were cemented into the holes and capped with aluminum disks that were stamped with the company's name, hole ID, azimuth, dip and total depth of the hole. A handheld GPS unit was used to survey the hole collar locations. Easting and northing can be considered within 5 meter accuracy but elevation should not be relied as accurate.

Table 4. 2011 Drill Hole Collars

Hole ID	NAD83 Easting	NAD83 Northing	Azimuth	Inclination	Zone	Length	Date completed	Number of Samples
PL11-54	647349	7054052	004	-55	Aho	140.21	9-Jul	69
PL11-55	647349	7054052	004	-80	Aho	137.46	11-Jul	45
PL11-56	647481	7053863	004	-55	Aho	287.43	15-Jul	80
PL11-57	647284	7053768	004	-55	Aho	224.33	18-Jul	62
PL11-58	647486	7053642	015	-55	Aho	244.14	23-Jul	65
PL11-59	646389	7055311	075	-55	Etzel	84.12	27-Jul	19
PL11-60	646389	7055311	075	-75	Etzel	54.86	28-Jul	24
PL11-61	646351	7055328	075	-55	Etzel	53.11	29-Jul	16
PL11-62	646410	7055267	075	-55	Etzel	71.63	30-Jul	28
PL11-63	646308	7055372	075	-55	Etzel	79.25	1-Aug	45
PL11-64	646223	7055350	069	-55	Etzel	201.17	7-Aug	107
PL11-65	646223	7055350	040	-50	Etzel	195.07	9-Aug	128
PL11-66	646579	7054578	300	-50	P2	88.39	13-Aug	75
PL11-67	646579	7054578	300	-60	P2	121.92	15-Aug	98
PL11-68	646556	7054526	300	-50	P2	117.96	17-Aug	78
PL11-69	646556	7054526	300	-60	P2	178.00	19-Aug	137
PL11-70	647490	7054670	006	-50	P12	286.51	23-Aug	105

Drill core was brought from the drill site down to the camp in labeled boxes by the drillers or the geologist where it was geotechnically and geologically logged by Silver Predator personnel. After logging, sample intervals were laid out and the core was photographed before going to the cutting facility. The core samples were cut using a masonry wet-saw, and one half of the core was placed into uniquely labeled poly bags for shipment to the laboratory for analysis. The other half of the core was returned to the box. Completed boxes were then cross stacked in a cleared and leveled area behind the core shed.

Only the significant results from the 2011 drilling campaign are included in table 5. Complete results for all sampling can be found in the drill logs in Appendix II.

Table 5. 2011 Significant Drill Results

<u>Zone</u>	<u>Hole ID</u>	<u>from</u>	<u>to</u>	<u>DH Length</u>	<u>Aq g/t</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Au ppm</u>	<u>Rec %</u>
Aho	PL11-56	124.64	126.6	1.96	39.0	0.86	0.70	0.74	94
Aho	PL11-58	221.75	222.5	0.75	38.0	1.13	1.61	0.89	98
Etsel	PL11-59**	31.39	44	12.61	151.0	0.09	1.42	0.16	68
	including	34.14	41	6.86	267.4	0.11	2.37	0.28	78
	with	36.4	37.4	1	1655.0	0.25	1.09	0.46	83
Etsel	PL11-60**	23.41	42.55	19.14	74.8	0.53	1.33	0.16	79
	including	34.07	40.7	6.63	164.5	1.21	2.34	0.31	66
		44.2	46	1.8	44.0	0.06	0.25	0.03	25
NB NO SAMPLE COLLECTED BETWEEN 42.55-46M IN HOLE PL11-60									
Etsel	PL11-61	21.34	24.38	3.04	14.0	0.06	0.00	nsr	73
		35.05	45.12	10.07	73.1	0.38	2.20	nsr	88
	including	39.5	42.45	2.95	212.5	1.04	6.82	nsr	86
Etsel	PL11-62	49.91	69.05	19.14	86.6	0.90	1.38	0.12	75
	including	51.4	52.7	1.3	846.5	11.10	6.52	0.29	91
	with	53.83	54.25	0.42	161.0	1.35	3.84	0.72	92
	and	56.39	56.95	0.56	234.0	2.05	5.70	0.59	100
NB 8% RECOVERY FROM 54.25-56.37M IN HOLE 62									
Etsel	PL11-63	27.43	33.53	6.1	19.8	0.06	0.02	nsr	51
		41.15	46.62	5.47	215.2	0.28	0.94	nsr	37
	including	42.67	44.2	1.53	699.0	0.91	3.15	0.72	28
Etsel	PL11-64	108.63	113.41	4.78	19.0	0.05	0.26	nsr	78
		131.65	163.75	32.1	15.9	0.07	0.30	nsr	90
	including	138.68	139.84	1.16	57.0	0.20	1.20	nsr	89
Etsel	PL11-65	19.81	33.15	13.34	12.4	0.11	0.24	nsr	77
	including	22.78	23.31	0.53	61.0	2.16	0.28	nsr	75
		66.6	68.06	1.46	36.0	0.11	2.05	nsr	80
		81.4	85.59	4.19	15.8	0.00	0.11	nsr	90
		99.53	105.77	6.24	17.6	0.04	1.51	nsr	85
		129.92	150.8	20.88	24.9	0.09	0.31	nsr	94
	including	142.3	143.94	1.64	107.0	0.07	0.24	nsr	92
P2	PL11-66	19.4	19.93	0.53	8.0	0.05	12.10	nsr	90
		36.45	46.22	9.77	22.7	0.52	17.15	nsr	85
		53.54	55.89	2.35	453.0	2.09	17.46	nsr	70
	including	53.54	54.41	0.87	1060.0	2.64	3.86	nsr	49
	and	54.41	55.34	0.93	110.0	0.32	39.77	nsr	70
P2	PL11-67	51.05	56.39	5.34	19.3	0.42	6.59	nsr	80
	including	52.57	53.34	0.77	119.0	2.84	16.75	nsr	80
		79.66	86.19	6.53	5.2	0	8.92	nsr	57
		91.61	93.6	1.99	12.3	0.39	2.19	nsr	96
		102.02	104.62	2.6	17.2	0.56	7.93	nsr	92

<u>Zone</u>	<u>Hole ID</u>	<u>from</u>	<u>to</u>	<u>DH Length</u>	<u>Aq g/t</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Au ppm</u>	<u>Rec %</u>
P2	PL11-68	8.23	9.53	1.3	30.0	0.88	1.17	nsr	78
		29.35	61.21	31.86	31.4	0.26	10.25	nsr	88
	including	45.48	46.75	1.27	546.0	0.00	1.04	nsr	92
	and	48.47	55.63	7.16	10.6	0.10	32.76	nsr	88
P2	PL11-69	58.4	62.19	3.79	13.3	0.03	0.08	nsr	96
		72.03	76.2	4.17	2.5	0	1.73	nsr	98
P12	PL11-70	57	60.01	3.01	28.4	0.38	0.46	nsr	90
		73.97	75.88	1.91	24.0	0	0.19	nsr	97
		76.62	77.11	0.49	31.0	0.01	0.01	nsr	97
NB NO SAMPLE COLLECTED BETWEEN 75.58 TO 76.62M IN HOLE 70									

nsr = no significant results

True width is 100% of reported length for holes 56 & 58

* True widths are 95% of reported lengths except for hole 60 which is 85% of reported length

**Values for holes 59 & 60 start from beginning of sampling

*True width for holes 66 & 68 is 33% of reported length; for holes 67 & 69 it is 16% of reported length

Data is not sufficient to determine true width for hole 70

Aho Zone

Five holes, for a total of 1034 meters, were drilled into the area of the Aho zone on the west side of Oso Gulch, approximately 250 to 650 meters west along strike from the P4 vein.

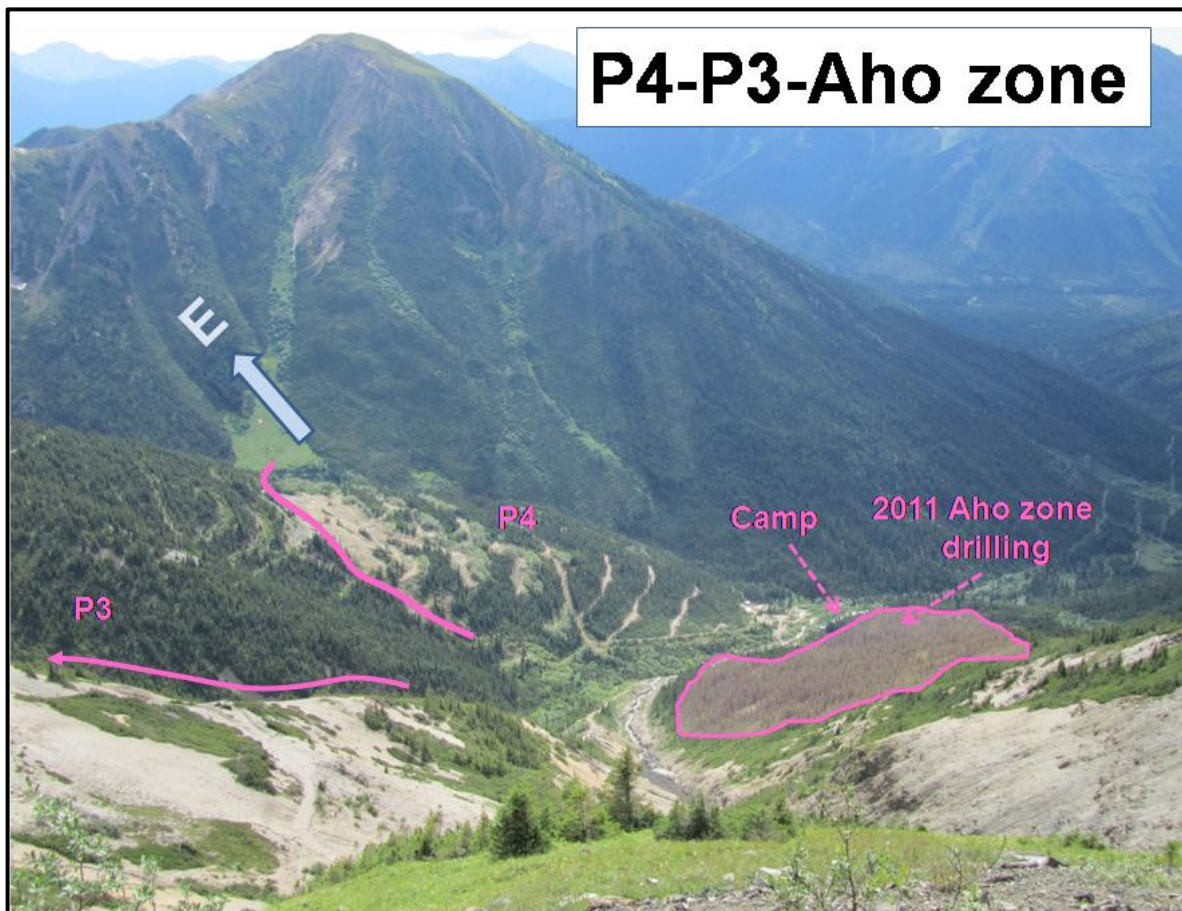


Figure 7. A southeast view towards the Aho Zone, including 2011 drill zone west of the Plata camp.

Massive sulfide mineralization was found in a narrow width in two of the five holes drilled. A 17cm section of massive pyrite and arsenopyrite with 10% galena was found in hole PL11-56 within a black graphitic gouge zone immediately below the stockworked contact zone. A 10 cm section of the same mineralization at the same contact was found in hole PL11-58. The upper contact in hole PL11-58 was very broken, and any gouge present may have been washed away.

Table 6. Summary of 2011 Aho Zone Drill Intercepts

Hole ID	EOH (m)	Interval (m)	Description of Mineralization
PL11-54	140.21	73-77	Veined green-grey shale with 1% galena and 1-2% pyrite
		81.5-82	Massive quartz-siderite vein with 1% galena and 1% pyrite; quartz-siderite veining with 1% sphalerite and 1% galena at 82.3m
		83.7-84.8	Semi-massive (20%) fine grained pyrite in black shale with quartz-siderite veining; 84.55-84.6m: 10% sphalerite, 5% galena, 2% arsenopyrite
PL11-55	137.36	52.9-62	Green-grey shale with rare planar quartz-siderite-chlorite-pyrite veins; one vein has coarse grained galena
		94.07-105	30% stockwork veining in black shale; massive white quartz veins with pyrite blebs and minor arsenopyrite; at 104.7m: 10cm massive pyrite
PL11-56	287.43	22.5-30	Stockworked green-grey shale; 0.5-3mm thick quartz >> carbonate veins with minor fine grained galena
		85.7-87.9	Veined green-grey shale; 1-10mm thick, irregular white to light orange quartz-siderite-chlorite-pyrite-arsenopyrite stockwork veins with fragments of shale; up to 10% pyrite-arsenopyrite crystals 1-2mm in size
		118.94-121.5	Veined sandstone/quartzite interbedded with green grey shale; 1-4 mm thick, randomly oriented white quartz veins with faded margins; minor galena
		124.5-132.02	40% stockwork quartz-siderite veins; 125.56-125.7m; massive pyrite-arsenopyrite-galena-sphalerite lens
		132.02-287	Black shale with veined intervals; one massive (20 cm) thick quartz-siderite-carbonate-tetrahedrite? ; all veins contain frags of black shale, veins are wavy, irregular and white-light yellow with chloritized margins
PL11-57	224.33	145-161.5	Green-grey shale with few veins; 149.5-149.6m: massive, fine to medium grained, light orange quartz-chlorite-siderite-pyrite-arsenopyrite? vein with 5% 2-4mm vugs and 10% 2 mm pyrite crystals
PL11-58	244.14	61.25-75	Veined green-grey shale with 10% quartz-siderite veins; very minor galena within hairline fractures of quartz and siderite; veins have irregular margins, random orientations, are vuggy and are generally 2-30mm and in some cases up to 5-6cm thick
		199.3 - 203.3	Green shale with quartz-siderite veins; rare hairline veinlets of fine grained anhedral crystals and irregular foliaform galena; possible tetrahedrite observed in vein at 202.45m
		221.7-222.4	Massive quartz-carbonate vein with massive pyrite and galena lens; up to 2% arsenopyrite and up to 2% galena in stringers and veinlets; massive sulfides occur only in the upper 25 cm of the vein; vein is pitted towards the bottom
		39.77-43.60	3% sphalerite, 2% galena and 3%pyrite in 30% quartz and quartz-siderite veining in black shale

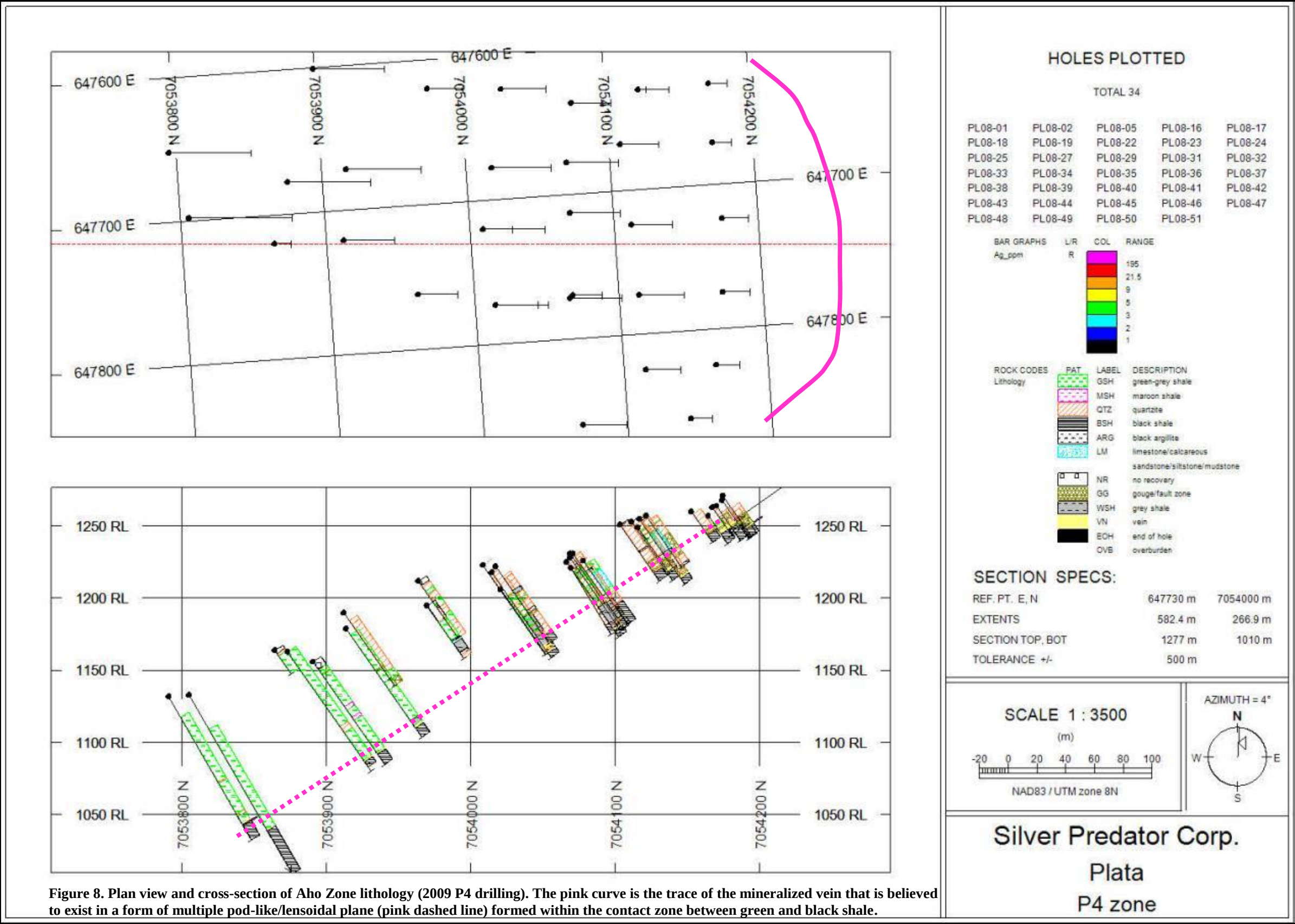


Figure 8. Plan view and cross-section of Aho Zone lithology (2009 P4 drilling). The pink curve is the trace of the mineralized vein that is believed to exist in a form of multiple pod-like/lensoidal plane (pink dashed line) formed within the contact zone between green and black shale.

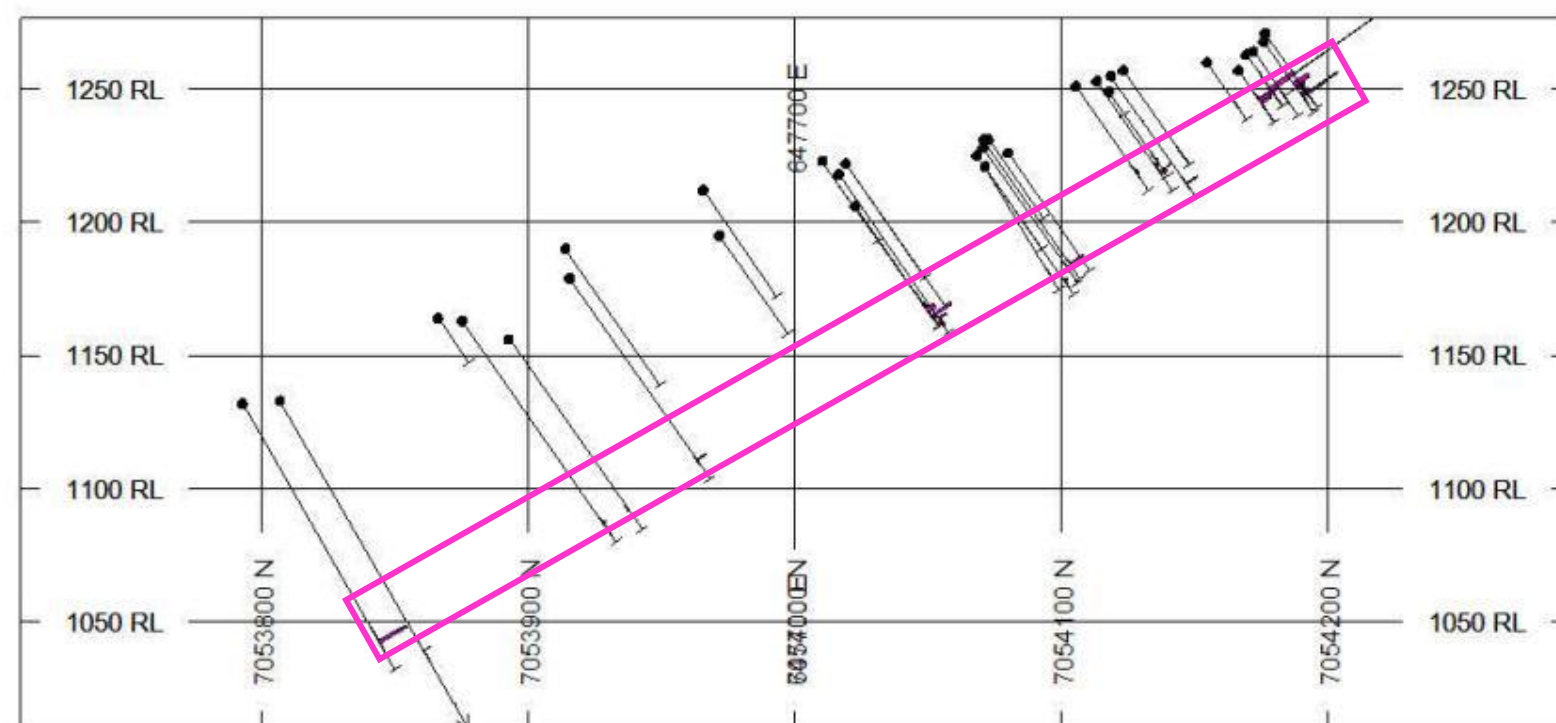
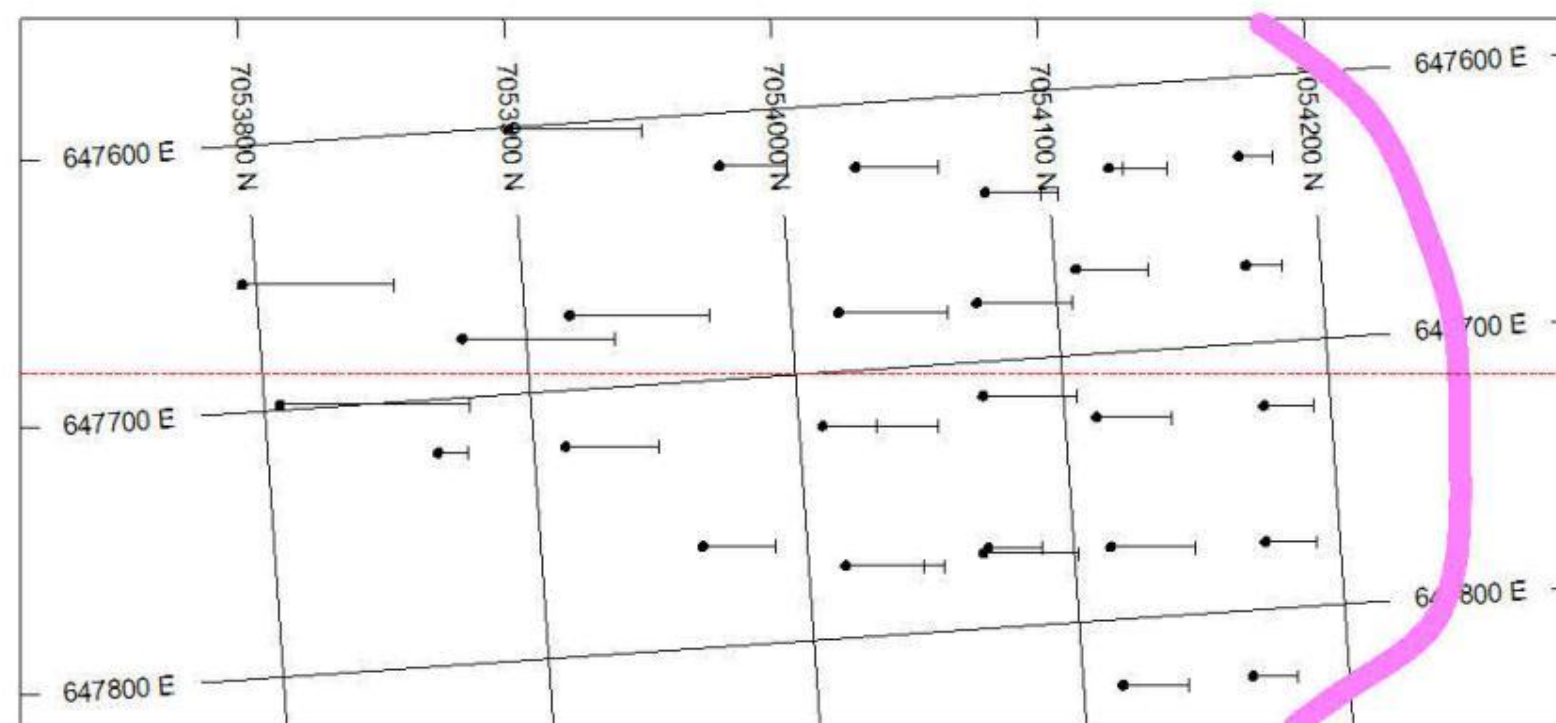


Figure 9. Aho Zone (2009 P4 drilling) showing that silver concentrations locate within a mineralized plane shown in the pink rectangle.

HOLES PLOTTED

TOTAL 34

PL08-01	PL08-02	PL08-05	PL08-16	PL08-17
PL08-18	PL08-19	PL08-22	PL08-23	PL08-24
PL08-25	PL08-27	PL08-29	PL08-31	PL08-32
PL08-33	PL08-34	PL08-35	PL08-36	PL08-37
PL08-38	PL08-39	PL08-40	PL08-41	PL08-42
PL08-43	PL08-44	PL08-45	PL08-46	PL08-47
PL08-48	PL08-49	PL08-50	PL08-51	

COLLARS
DH_Descr

SYMB
●

LABEL
DD

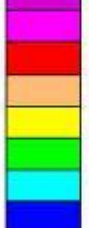
DESCRIPTION
2008 DD holes

BAR GRAPHS
Ag_ppm

L/R
R

COL

RANGE

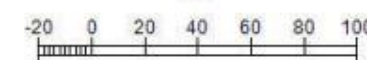


SECTION SPECS:

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EXTENTS	582.4 m	266.9 m
SECTION TOP, BOT	1277 m	1010 m
TOLERANCE +/-	1500 m	

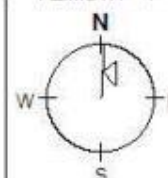
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(m)



NAD83 / UTM zone 8N

AZIMUTH = 4°

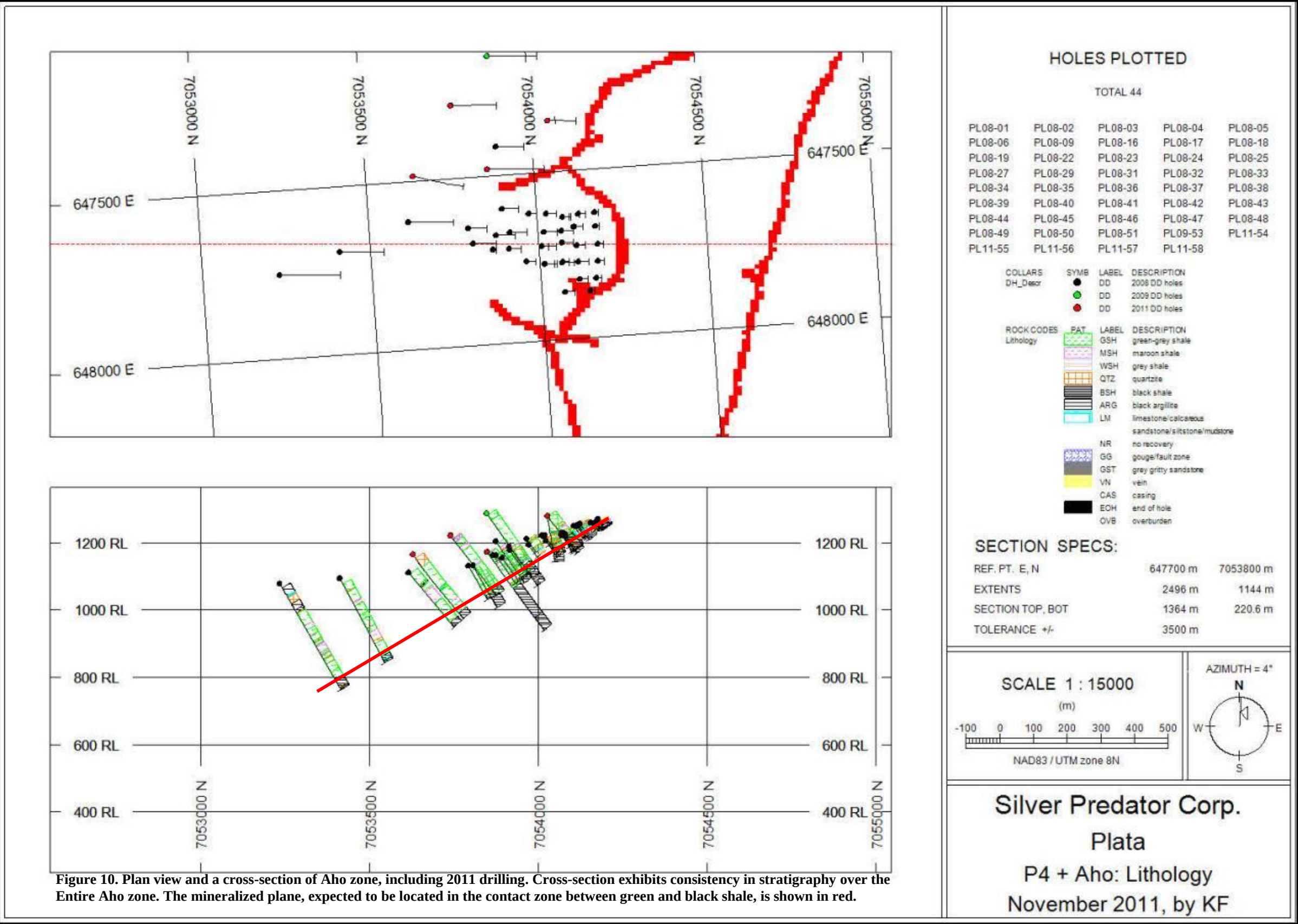


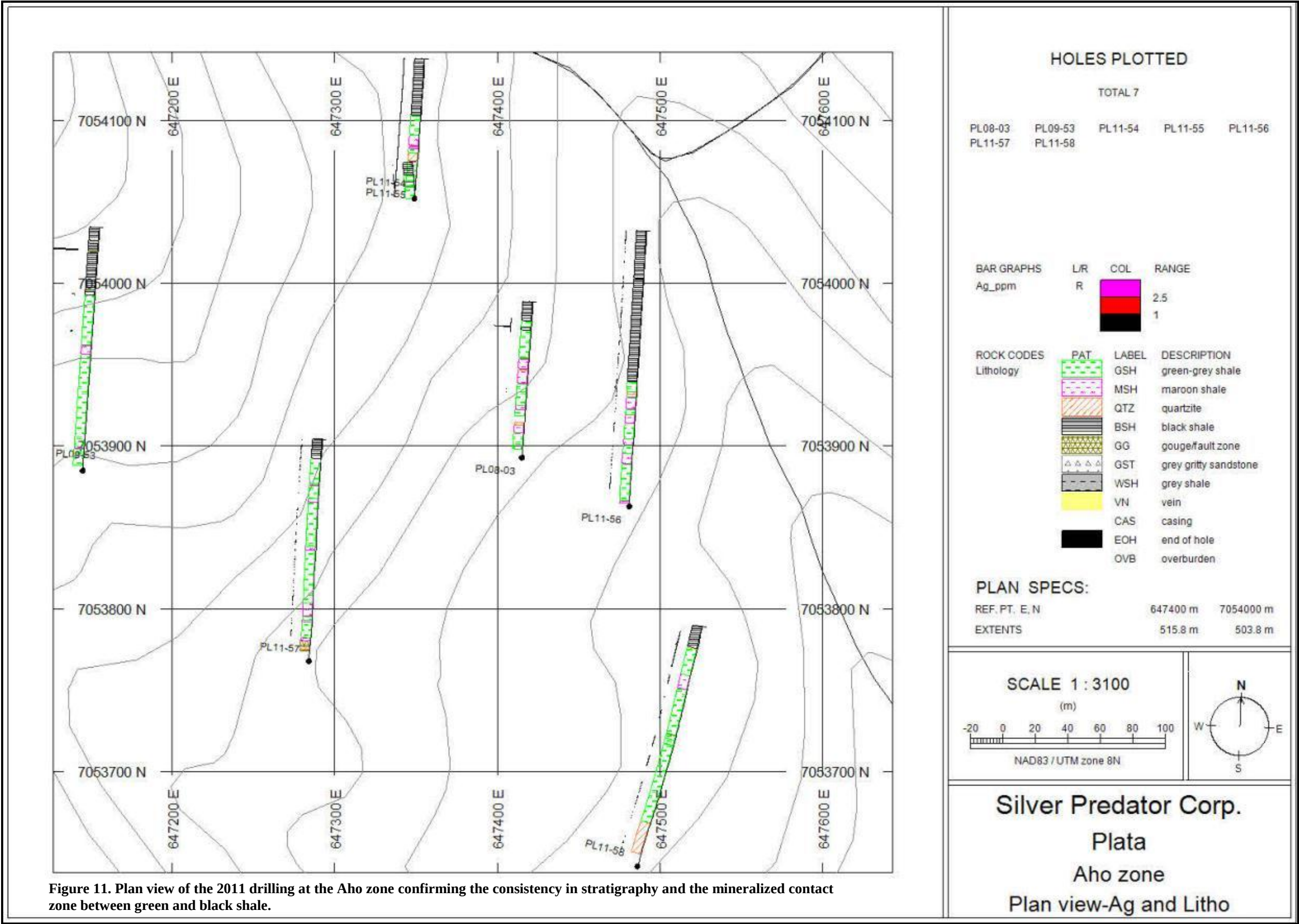
Silver Predator Corp.

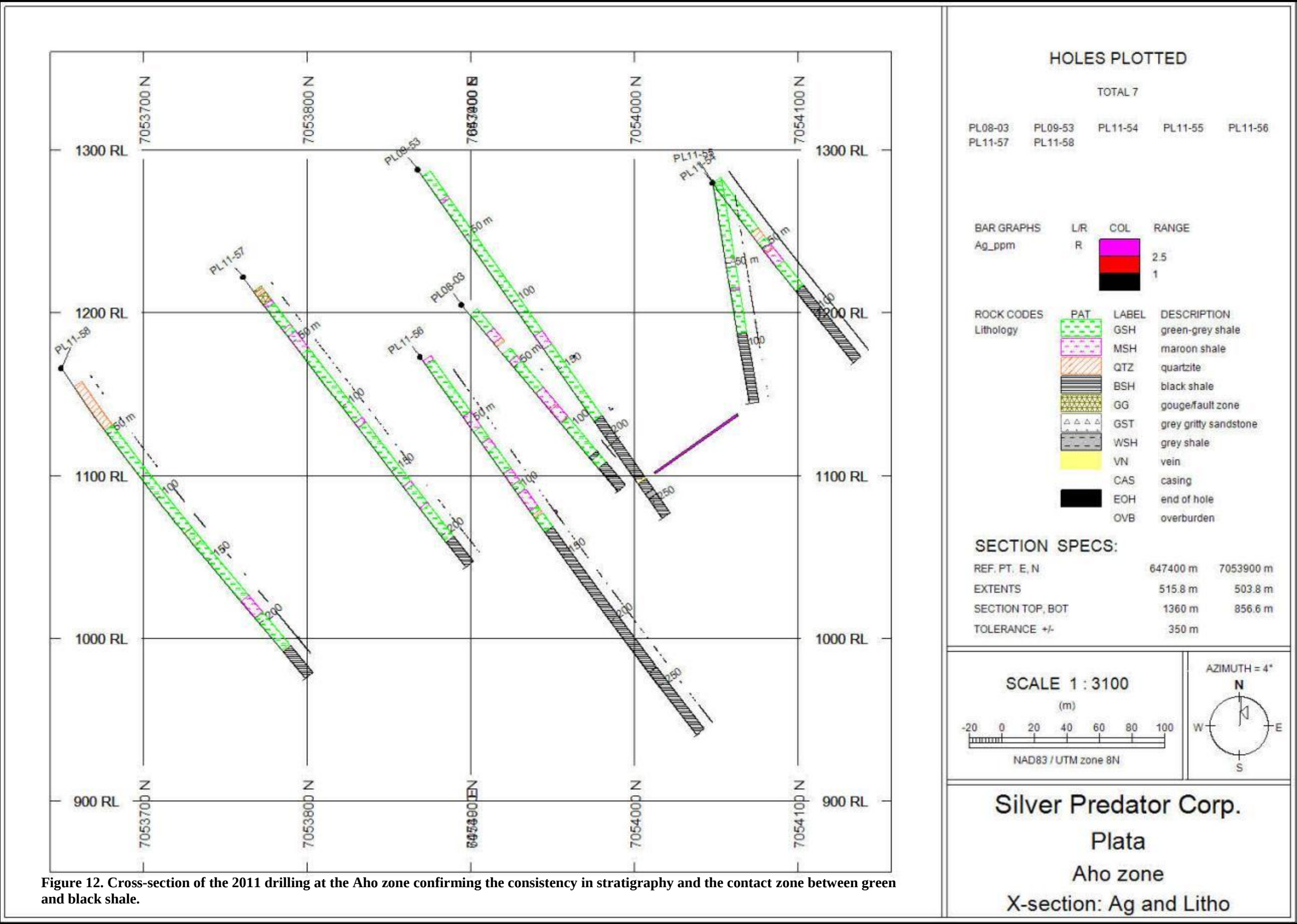
Plata

P4 -Ag anomaly

November 2011, by KF







Etzel Zone

Seven holes totaling 739 meters were drilled into the Etzel zone in 2011. The mineralization intersected can be characterized as fault associated brecciation rehealed by sphalerite and galena bearing siderite-quartz veins. The main fault structure is projected to depth at a 40 degree southwest dip from the surface. Strike deflects from 135 degrees at the northwest end of the surface trace to 160 degrees at the southeast end.



Figure 13. View looking northwest along the trend of the Etzel vein

The main mineralized structure is hosted in black carbonaceous pyritic shale and averages 12 meters in thickness. Mineralization consists of meter scale massive siderite-quartz veins with up to 40% massive sphalerite and 10% galena/tetrahedrite. A leucocratic felsic dyke that cuts stratigraphy can also host narrow quartz veins with 5% to 10% sphalerite blebs and minor galena. Figure 15 suggests that more than one mineralized zone is present. Two deeper holes drilled in 2011 continued intersecting quartz-carbonate veins below the main structure. These intercepts have up to 5% combined sphalerite and galena and occasional replacement patches of sphalerite up to 30 cm in length. This mineralization is hosted within a variably calcareous sandy unit that is intercalated with black shale and grey siltstone.

The best mineralized intercepts are in holes closer to the surface trace of mineralization. These intercepts average 216 g/t silver over 6.05 meters. Two holes collared further away from the surface trace have multiple intercepts at lower grade, averaging 21g/t silver over 21 meters.

Table 7. Summary of 2011 Etzel Zone Drill Intercepts

Hole ID	EOH (m)	Interval (m)	Description of Mineralization
PL11-59	84.12	35.72-41	Semi-massive sphalerite & minor galena in black shale; Quartz-siderite-black shale breccia with 5% pyrite, 3% galena+tetrahedrite, 5% sphalerite
		63.80	2 cm wide quartz-siderite vein with sphalerite
PL11-60	54.46	30.25-34.55	Minor sphalerite & galena in quartz-siderite vein
		37.54-39.77	Semi-massive pyrite-sphalerite-galena bands in quartz-siderite vein
		39.77-43.60	3% sphalerite+2% galena+3%pyrite in 30% quartz and quartz-siderite veining
PL11-61	53.34	41.22-43.12	Massive sphalerite & lesser pyrite over 40 cm subinterval; 2% galena+3%pyrite in bands within quartz-sulfide veining
		43.12-44.90	Semi-massive galena & sphalerite+5% pyrite in massive quartz-siderite vein
		44.9-46.41	3% galena+4% pyrite in 60% quartz-siderite veining
PL11-62	71.63	40.54-42.20	Minor sphalerite in 15% quartz-siderite veining
		51.40-52.70	Quartz-siderite-black shale breccia with minor galena & pyrite in veinlets; 52.30-52.50m: Semi-massive pyrite and galena in quartz-siderite-black shale breccia
		53.83-54.25	3% tetrahedrite+4% pyrite in masses in 40% quartz-siderite veining
		56.37-56.95	3% tetrahedrite and galena and 3% pyrite in 60% quartz-siderite veining
		61.34-61.51	Two major quartz-siderite veins with 2% galena+3% pyrite
PL11-63	79.25	65.30-74.62	5% galena+10% sphalerite in 5% quartz-siderite veining in quartz monzonite; 5% pyrite disseminated in intrusion
PL11-64	201.17	19.40	1-2% galena in 3 cm thick, quartz-siderite-limonite vein
		30.90	Minor galena & sphalerite in quartz-siderite vein
		49.80-63.40	Minor galena & sphalerite in 2% quartz-siderite veining; up to 30% pyrite
		63.40-70.97	Up to 5% sphalerite in 50% quartz-siderite veining
		71.97-77.80	3% sphalerite & 10% pyrite in 50% quartz-siderite veining; includes 10cm of 30% sphalerite at 77m
		79.80-89	3% sphalerite & 10% pyrite in 40% quartz-siderite veining; includes 25% sphalerite over a few cm at 84.4m and 88.75m
		90-97	3% sphalerite & 10% pyrite in 30% quartz-siderite veining; includes 30% sphalerite over 10cm at 92.8m and 94.65m
		98-100.47	3% sphalerite & 10% pyrite in 20% quartz-siderite veining
		100.47-108.63	5% arsenopyrite, rare sphalerite and 5% pyrite in 2% quartz-siderite veining in quartz monzonite
		111.80	10% sphalerite+10% galena in 1 cm thick quartz-siderite vein
		132.62	Minor sphalerite and galena in 5 cm thick quartz-siderite vein
		141.84-142.60	2% sphalerite+2% galena+pyrite in semi-massive quartz-siderite vein
		158-163	Minor sphalerite and galena in 10% quartz-siderite veining
PL11-65	195.07	19.81-26.80	Minor sphalerite and galena in 20% quartz-siderite veining; includes 2cm massive galena in 10c m long siderite-quartz vein at 22.96m
		65.23-74.07	1% galena and 3% sphalerite in 45% quartz-siderite veining; includes massive quartz-siderite-galena-sphalerite veins at 66.3m, 68.3m, 68.3m and 72m
		74.07-80.37	10% sphalerite+2% galena in 5% quartz-siderite veining in quartz monzonite
		80.37-84	5% sphalerite+galena in 45% quartz-siderite veining in brecciated black shale; includes 2 semi-massive quartz-siderite veins with 10% sphalerite+galena at 84-84.61m
		88.10-100.3	2% sphalerite+galena in 40% quartz-siderite veining in black shale-vein breccia; includes semi-massive pyrite at 99-100.2m
		104.8-105	Semi-massive sphalerite and galena in massive siderite-quartz vein
		130.90-152	3% sphalerite & 2% galena in 10-15% quartz-siderite veining; includes 5% sphalerite+2% galena in semi-massive quartz-siderite veins at 150.2-150.6m
		156-163	Minor sphalerite and galena in 30% quartz-siderite veining
		182.80-192.20	3% sphalerite & galena in 4 semi-massive (1-5cm thick) quartz-siderite veins

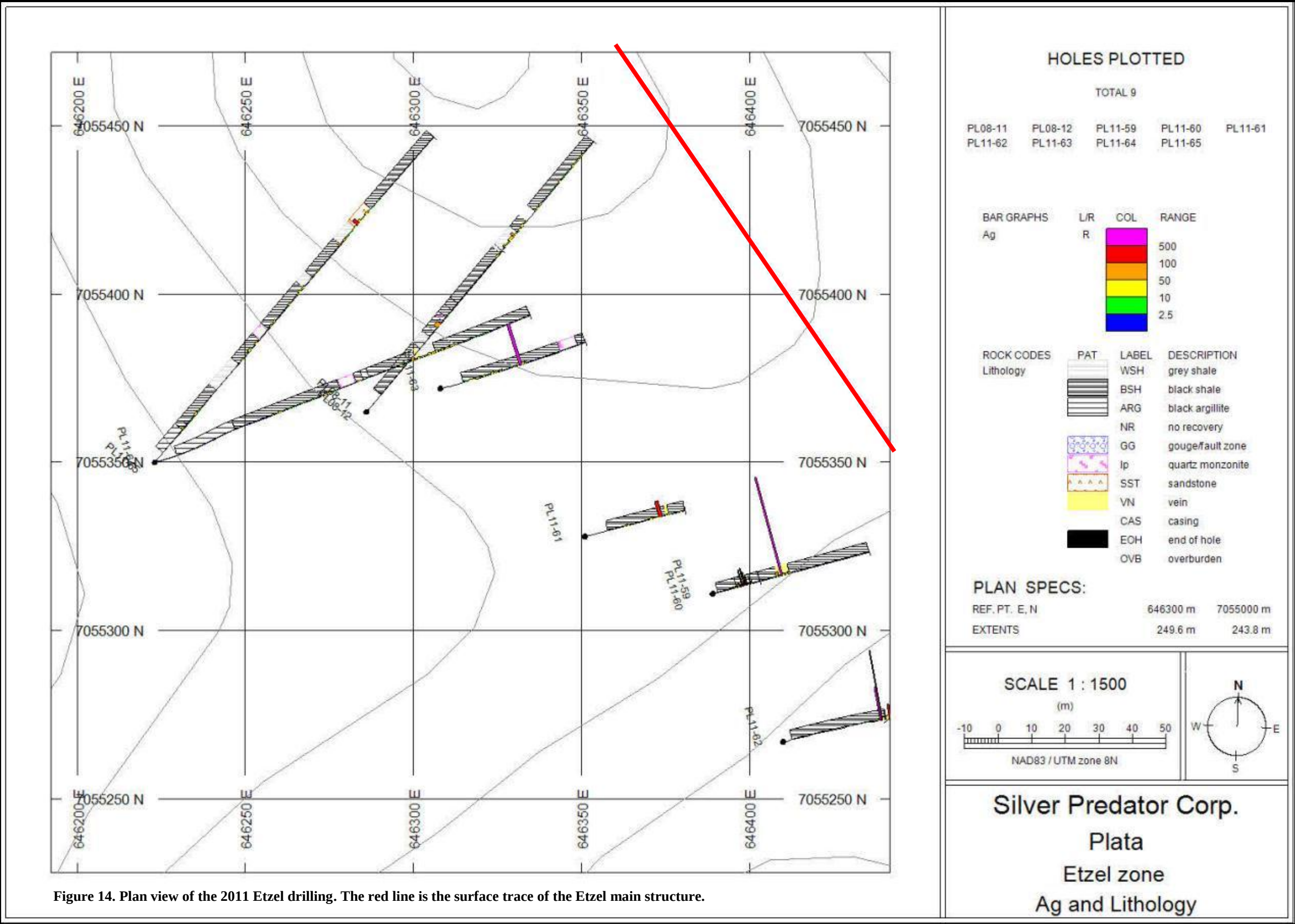


Figure 14. Plan view of the 2011 Etzel drilling. The red line is the surface trace of the Etzel main structure.

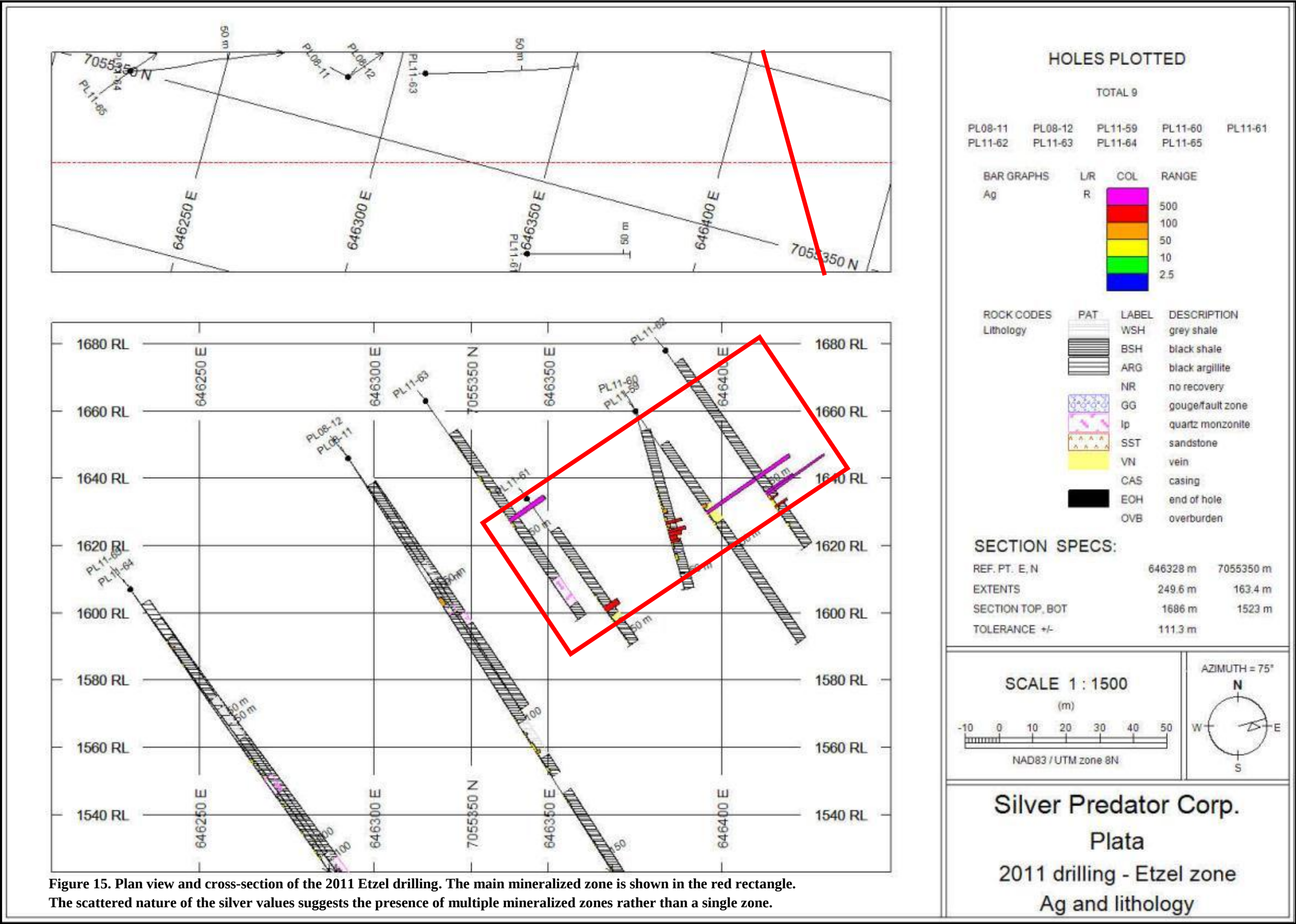


Figure 15. Plan view and cross-section of the 2011 Etzel drilling. The main mineralized zone is shown in the red rectangle. The scattered nature of the silver values suggests the presence of multiple mineralized zones rather than a single zone.

P2 Zone

Mineralization at the P2 zone has been traced on the surface for 105 meters. It consists of bands and pods of massive galena, sphalerite and tetrahedrite within a massive siderite gangue. The vein averages 2 meters true width on the surface and is oriented 030°/70°NW.

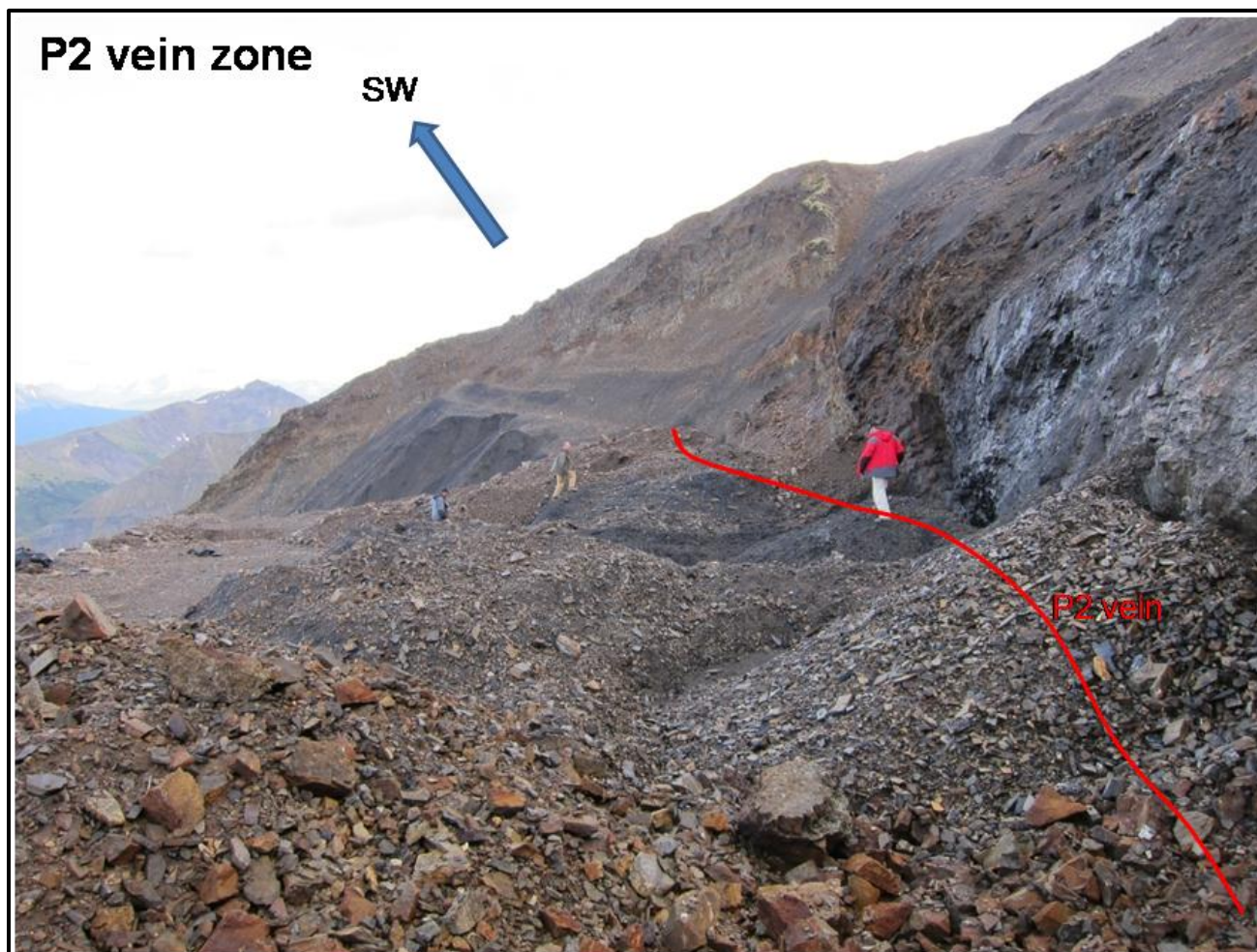
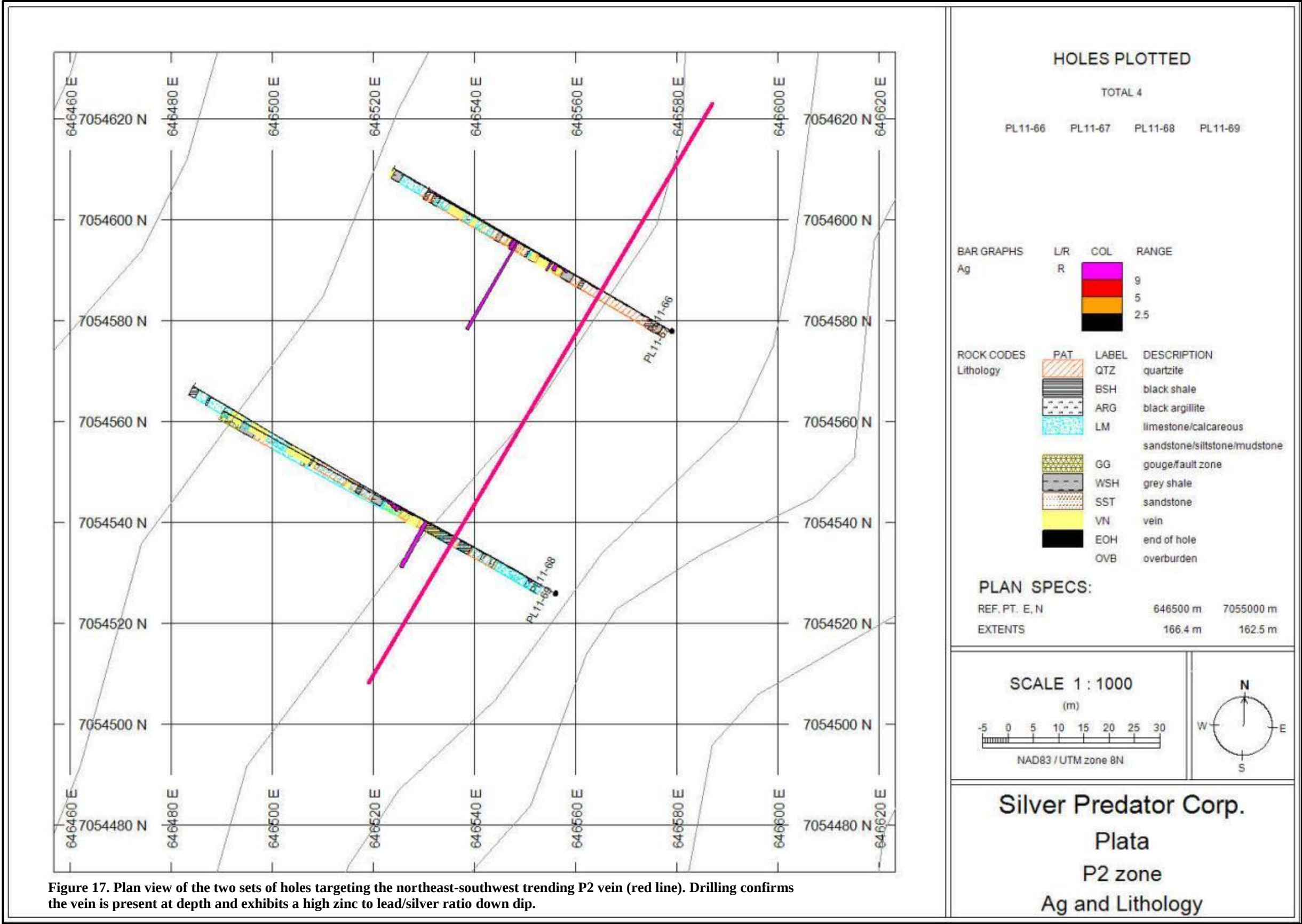


Figure 16. A southwest view of the surface trace of the P2 vein.

Four holes from two set-ups for a total of 506 meters were drilled into the P2 zone in 2011 to test for the down dip continuity of the vein. All four holes intersected the vein down dip and three of the holes intersected significant mineralization. Massive siderite-quartz veins occur over a 30 meter wide interval as one, and perhaps two, veins separated by a few meters of densely veined and brecciated host rock. Individual veins up to 110 cm true width have 10% to 50% massive sphalerite and 1% to 5% galena/tetrahedrite. Lithology above and below the vein is grey quartzite and calcareous sandstone with subordinate grey and black shale beds. Siderite-quartz veining continues for the next few meters below the mineralized vein. The best mineralization has long intercepts of high zinc grade (31.4 m @ 10.25% Zn in hole PL11-68) and narrower internal zones with high silver grade (0.87 m @ 1060 g/t Ag in hole PL11-66).

Table 8. Summary of 2011 P2 Zone Mineralized Intercepts

Hole ID	EOH (m)	Interval (m)	Description of Mineralization
PL11-66	88.39	11.82-36.50	Up to 10% sphalerite and 3% galena in 7% semi-massive to massive quartz-siderite veins and planar, sheeted quartz-siderite veins in quartzite; including semi-massive sphalerite at 19.50-19.70m, 24.7-24.85m, 28.14-28.2m, 33.3-33.5m
		36.50-47.20	Semi-massive sphalerite and 10% galena/tetrahedrite in massive siderite-quartz vein
		53.50-56.90	Semi-massive sphalerite and 10% galena/tetrahedrite in massive siderite-quartz vein
		56.90-67.50	Minor sphalerite and galena in 3% quartz-siderite veining in grey shale and quartzite; including massive sphalerite-siderite-quartz vein at 58.8m
PL11-67	121.92	27.70-27.80	Massive sphalerite (50%)-siderite-chlorite vein
		51-57.91	Semi-massive sphalerite (25%) and 10% galena/tetrahedrite in massive siderite-quartz vein
		59-61	Minor sphalerite in massive siderite-limonite vein
		64.70-65.50	Minor sphalerite in massive siderite-limonite vein
		79.10-79.30	Massive siderite-limonite vein
		81.30-81.90	Massive sphalerite in massive siderite-quartz vein
		83.60-83.90	Massive sphalerite in two massive siderite-limonite-quartz veins; 2% sphalerite veins
		84.50-86.90	Semi-massive sphalerite in siderite-limonite-chlorite-quartz vein
		90-96.50	7% galena/tetrahedrite+10% sphalerite in massive siderite-limonite-quartz vein
		102.50-108.5	10% sphalerite and minor galena in 15% sphalerite veinlets and disseminated in quartzite; including 15% sphalerite+5% galena in 30 cm thick massive quartz-siderite vein at 102.50m
		108.50-117.30	3% sphalerite and minor galena in 5% quartz-siderite veining in calcareous sandstone
PL11-68	117.96	6.10-40.40	2% sphalerite and 2% galena in 3% quartz-siderite veining in calcareous sandstone and quartzite units; including 5% galena in 20 cm thick massive siderite vein at 13.37-13.77m; 5% galena in quartz-siderite veinlets at 14.20-14.40m, 22.6m; 20% sphalerite and galena in in quartz-siderite vein at 23.47-23.67m, massive sphalerite-siderite-quartz-2% galena at 31.20-31.25m; 80% sphalerite+10% galena in quartz-siderite veins at 34.5-34.9m, 35.2-35.6m; 10% galena-less sphalerite in quartz-siderite veins at 37.1-37.3m
		40.40-59.84	30% sphalerite+10% galena in massive siderite-quartz vein
		59.84-68.58	2% sphalerite+2% galena in 10% quartz-siderite veinlets in calcareous sandstone
		77-80	3% sphalerite+2% galena in 30% quartz-siderite veinlets in calcareous sandstone
PL11-69	178	31.50-32.50	10% sphalerite+galena in 2% quartz-siderite veining in quartzite
		36.40-36.50	15% sphalerite in 1.5 cm thick in quartz-siderite vein in quartzite
		40.15	30% sphalerite+20% galena in 4 mm thick quartz-siderite veining in quartzite
		65-69.60	Massive siderite-limonite-quartz vein
		69.60-73.80	80% sphalerite in 20% siderite-limonite-quartz veining in quartzite
		73.80-78.80	20% sphalerite in 15% siderite-limonite-quartz veining in quartzite
		78.80-82.40	5% sphalerite+galena in 3% siderite-limonite-quartz veining in quartzite
		97.83-100.2	Massive siderite-limonite-quartz vein



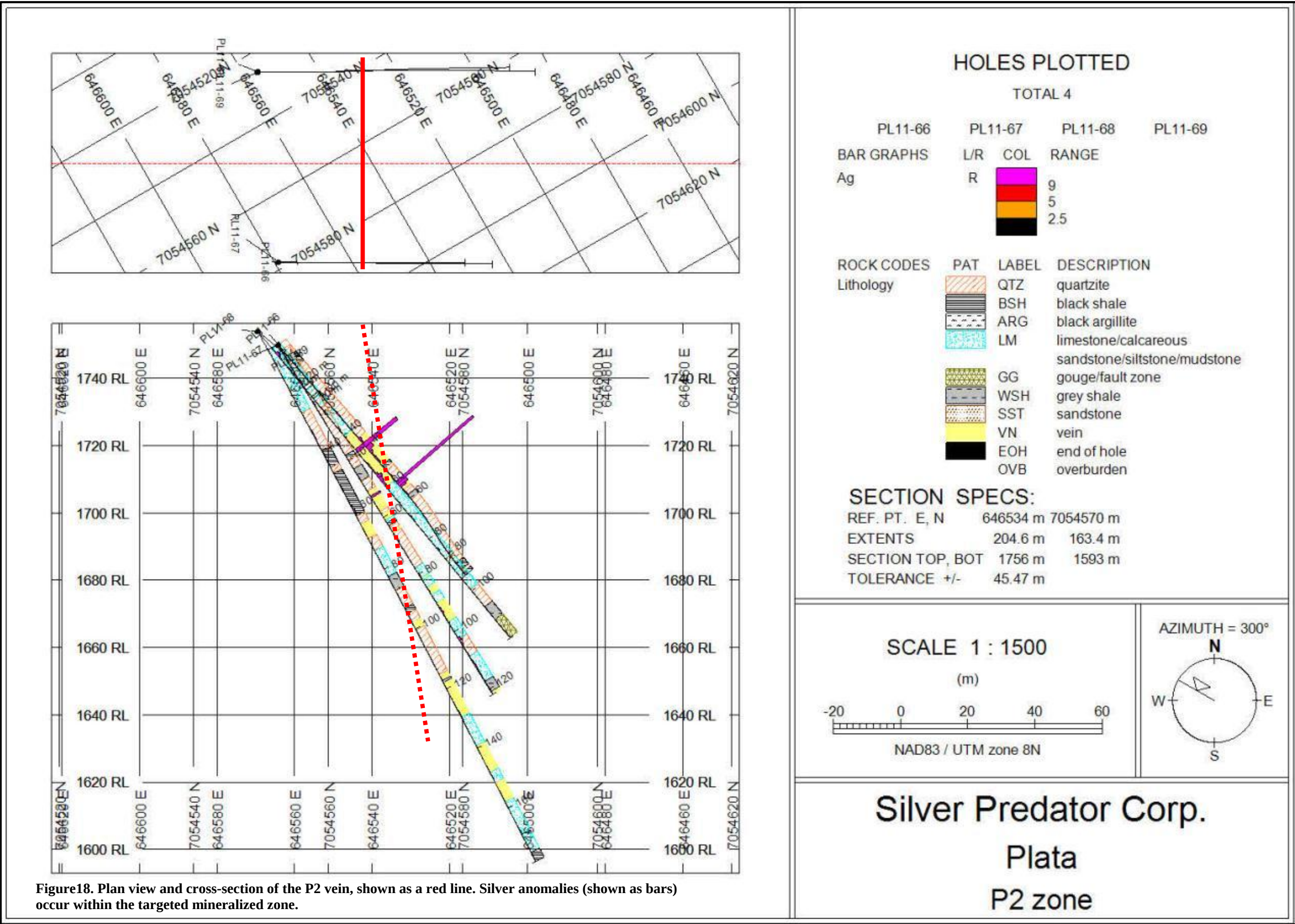


Figure18. Plan view and cross-section of the P2 vein, shown as a red line. Silver anomalies (shown as bars) occur within the targeted mineralized zone.

Ladue Zone

The Ladue Zone has multiple mapped fault and vein traces and where these features intersect may be favorable loci for mineralization. In 2011, one hole totaling 286 meters in length was drilled towards an interpreted thrust fault called the P12 structure. The P12 zone is on the hanging wall side of the interpreted thrust fault 550 m north of and parallel to the P4 vein, which is the most extensively mineralized zone located on the property to date.



Figure 20. View looking west across the Ladue Zone

Quartz veinlets with 1% sphalerite and 2% pyrite, and rare quartz veins bearing up to 2% combined galena and sphalerite cross-cut the entire hole. Within the upper part of the hole, a zone of sheared quartz veining within sheared black shale represents one of the fault traces at the Ladue Zone. The shear zone contains 2% galena, 2% sphalerite and up to 5% pyrite disseminated in quartz-siderite veins over 50 meters. The best mineralized intercept from this zone returned 28.3 g/t Ag, 0.37% Pb and 0.42% Zn over 3 meters. Other intercepts further down hole returned 24 g/t silver over 1.91 meters and 31 g/t silver over 0.49 meters. These two latter intercepts are separated by 0.74 meters of material that was not sampled as it appeared barren.

Table 9. Summary of 2011 Ladue Zone Drill Intercepts

Hole ID	EOH (m)	Interval (m)	Description of Mineralization
PL11-70	286.51	57-63.90	50-60% quartz-siderite veining in sheared black argillite with up to 10% sphalerite and 5% galena (healed fault)
		68.7-77.02	Banded black shale with 5% hair to few mm thick, planar to stockwork quartz-carbonate veins cutting across bedding; 10% pyrite with sphalerite intergrowths, minor chalcopyrite and galena
		210-231.66	Two semi-massive veins to 35cm thick and numerous quartz-carbonate hairline veinlets with up to 5% combined pyrite, chalcopyrite, sphalerite and galena in graphitic shale;

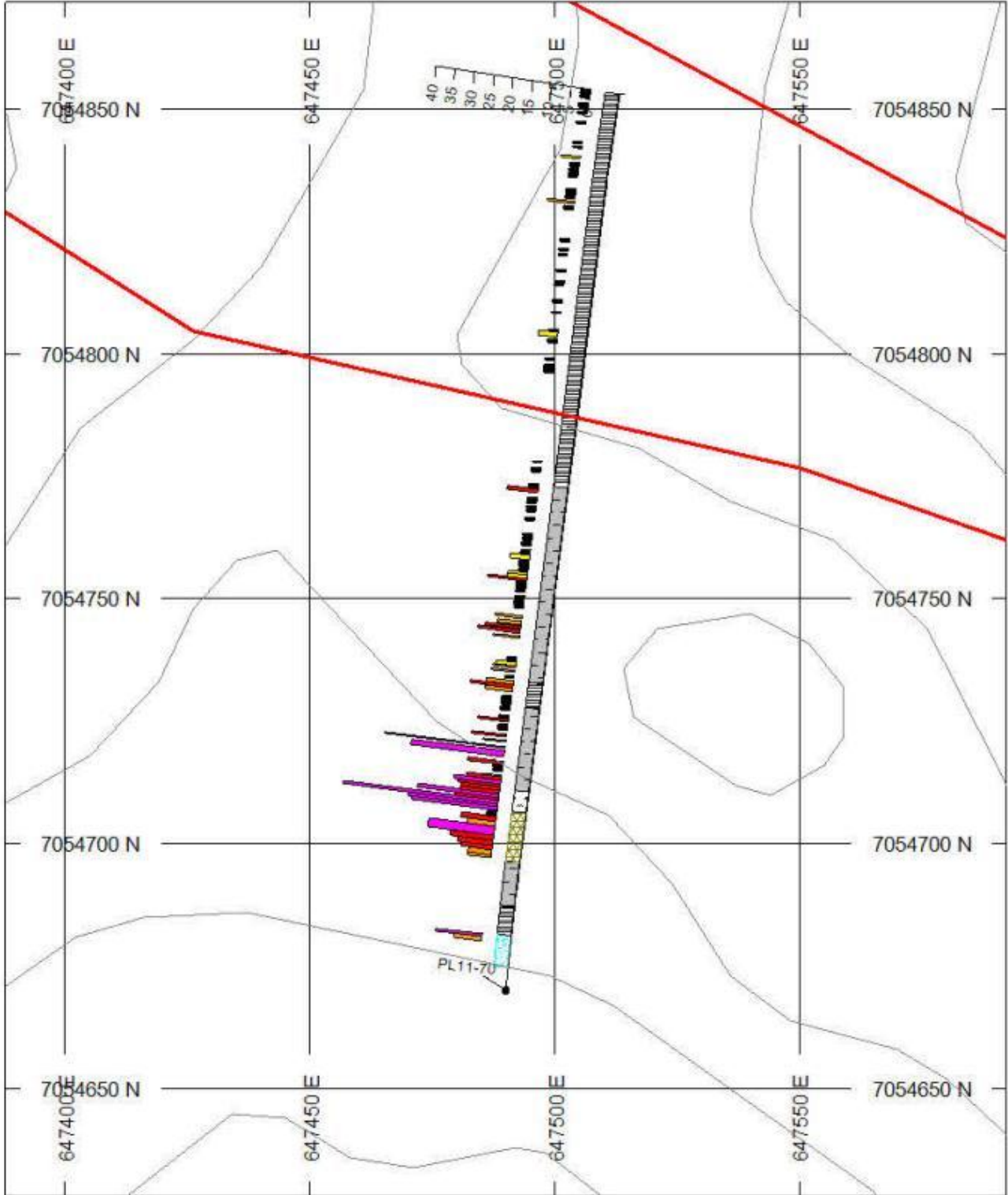


Figure 21. Plan view of hole PL11-70. Dominant mineralization is concentrated within a sheared vein indicated by the bar plot of silver values. Surface trace of the property wide structures is shown in red.

HOLES PLOTTED

TOTAL 1

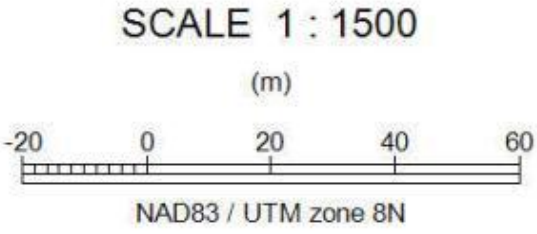
PL11-70

BAR GRAPHS	L/R	COL	RANGE
Ag	R		
			11
			7
			5
			2.5

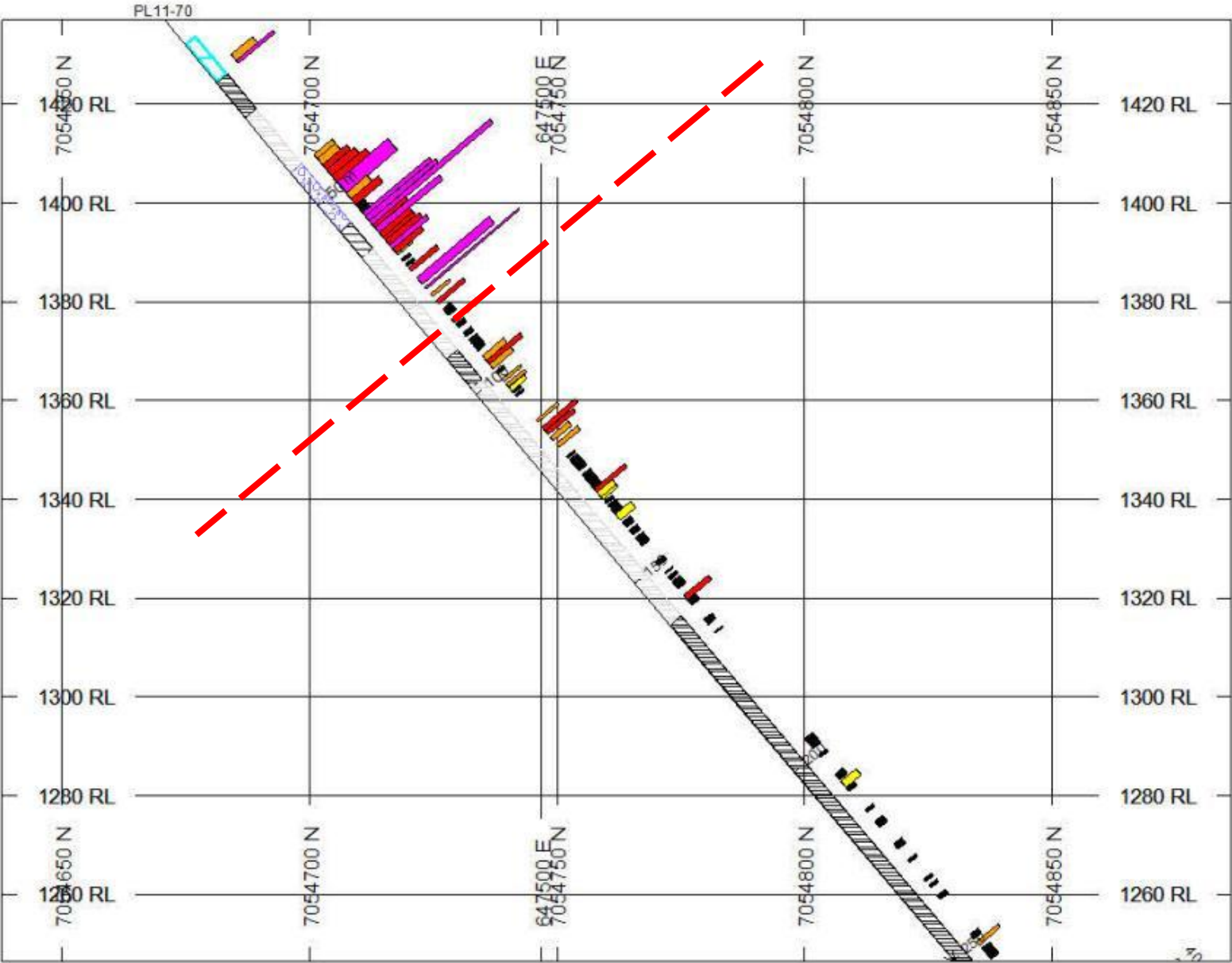
ROCK CODES	PAT	LABEL	DESCRIPTION
Lithology			
	BSH	black shale	
	ARG	black argillite	
	LM	limestone/calcareous sandstone/siltstone/mudstone	
	GG	gouge/fault zone	
	WSH	grey shale	
	CAS	casing	
	OVB	overburden	

PLAN SPECS:

REF. PT. E, N	647500 m	7055000 m
EXTENTS	204.6 m	243.8 m



Silver Predator Corp.
Plata
P12 zone



HOLES PLOTTED

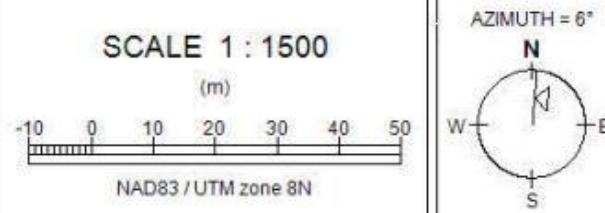
TOTAL 1
PL11-70

BAR GRAPHS	L/R	COL	RANGE
Ag	R		11 7 5 2.5

ROCK CODES	PAT	LABEL	DESCRIPTION
Lithology		WSH	grey shale
		BSH	black shale
		ARG	black argillite
		LM	limestone/calcareous sandstone/siltstone/mudstone
		GG	gouge/fault zone
		CAS	casing
		OVB	overburden

SECTION SPECS:

REF. PT. E, N	647502 m	7054762 m
EXTENTS	249.6 m	190.6 m
SECTION TOP, BOT	1437 m	1246 m
TOLERANCE +/-	12.8 m	



Silver Predator Corp.
Plata
P12 zone

Figure 22. Cross-section of hole PL11-70 showing the best mineralization plots just above the interpreted trace of the property wide structure shown in Figure 21.

DISCUSSION AND CONCLUSIONS

Silver Predator successfully completed 2565.29 m of diamond drilling during the months of July and August, 2011. Drilling in 2011 targeted the P2, the west extension of the Aho, the Etzel and the P12 structure in the Ladue Zone. The P1, the P2, the Aho, the Etzel and the Ladue zones are considered the main showings on the property. None of the showings discovered on the Plata claims has been fully delineated by trenching and drilling.

The drilling confirms that the structural zones at Plata are property wide in nature. It also suggests that some of the interpreted thrust faults (such as the Aho structure) may be a combination of actual thrusting and repetition of units due to tight, over steepened folding with local slips along the contacts. The presence of quartz-siderite-sphalerite-argentiferous galena veins in the quartz monzonite sill/dyke concludes that the mineralizing event is younger than middle Cretaceous.

The best silver and base metal values occur nearest structures, either where there is maximum competency contrast such as quartzite in contact with green or black shale in the Aho Zone, or in pre-existing ground prepared settings such as the shear zone at the Etzel Zone. The P2 vein likely represents a dilational zone at the intersection of a northeast trending and a north-northwest trending structure. At the P2 vein there appears to be vertical zonation with the highest silver and lead values occurring closer to the surface and zinc values increasing with depth.

The increase in size potential for mineralization at the Etzel Zone, where medium to high grades of silver were discovered in brecciated quartz-siderite veins spread over several meters width, is highly encouraging. The main mineralized zone at the Etzel averages nearly 13 meters true width, can be traced on the surface for more than 100 meters along strike, and occurs at a shallow depth (less than 30 meters vertically). The drilling at Etzel is challenging due to shallow level permafrost melt, the disintegrated nature of the black shale and the exposure of the zone to a north-south trending divide. Further drilling with deeper holes located along strike and proximal to the surface trace of this zone will identify the potential of the zone for near surface high grade silver tonnage. Deeper drilling may also discover mineralized zones below the main zone as suggested by the multiple mineralized intercepts in some of the 2008 and 2011 Etzel holes.

The P2 Zone consists of a more competent and favorable host unit of calcareous siltstone and sandstone, argillite and quartzite. Drilling confirmed the continuous nature of the vein down dip, however grades in silver similar to that on surface are not present. There are narrow sections of siderite veining with high grade silver bound in tetrahedrite and galena bands, however the bulk of the mineralization at depth appears to be patches of sphalerite replacing calcareous siltstone or silty limestone. Any potential for the P2 will be near surface tonnage of high-grade silver. There is a large near surface gap shown on the southwest strike projection of the P2 vein that should see infill drilling. Although the P2 appears to have a limited tonnage potential, there is a brecciated zone approximately 250 meters west of the P2 vein. This zone, coined the P2B Zone, is intermittently exposed in scree and subcrop and may increase the potential for the P2 Zone area.

The drilling on the Aho Zone confirmed the Plata Thrust Fault is regional and can be extrapolated at least 600 meters to the west. Veining was found in all five holes at the contact zone between the units of green and black shale but silver and base metal mineralization was uncommon and of narrow width (5-25 cm). The Aho Zone can have significant gold grade though and cannot be

discounted. The scarcity of mineralization in the portion of the structure drilled in 2011 may be due to the lack of a favorable quartzose unit as seen in the P4 vein. A quartzose unit would show more brittle than ductile deformation and perhaps be more receptive to mineralizing fluids. The mineralization at the Aho Zone to the east is in the form of pods and lenses, and there is likely a rake to the mineralized lenses. The plunge of these lenses to the east and southeast along the P4 vein trace should be looked as a potential new target for drilling. The presence of the creek and steeply rising mountain flank east of P4 vein will represent drilling challenges.

The Ladue Zone confirmed structures mapped at the surface can be projected and intersected down dip. The hole was collared south of a deep gully that exposes crumbled, incompetent black shale which may be an indication of an unmapped NNE trending fault that could have displaced any mineralized zones. A second hole should be moved northwest of the gully and be oriented more northwest than north to intersect some of the interpreted junctures between the mapped faults that are now known to exist in the Ladue Zone.

The main goal for the Plata property in 2012 is an analysis of existing technical, social and economic data. This will assist with making an informed decision on the tenor required for a viable, economic deposit on the Plata property and to see if further evaluation of the property is warranted. Work that is strongly recommended to reach that goal includes:

1. Property wide mapping to further delineate structures known to host mineralization and to establish the location and orientation of competent or reactive units relative to those structures;
2. Prospecting and sampling to follow up anomalies previously identified by the VTEM and past geochemical surveys, as well as locating additional potential nearby resources that can add to the tonnage and/or grade potential;
3. Extensive trenching and drilling to evaluate the most prospective zones;
4. Metallurgical testing of known mineralization to assess the economics of the ore; and
5. Preliminary modeling of grade and geology to identify any resource

Respectfully submitted,

Karin Fecova, M.Sc.

Farrell Andersen, B.Sc.

SILVER PREDATOR CORPORATION

REFERENCES

- Blusson, S.L., 1974 Geology of Nadaleen River, Lansing, Niddery Lake, Bonnet Plume Lake and Mount Eduni map areas, Yukon Territory; Geological Survey of Canada, Open File 205.
- Carlson, G.G. and Fields, M., 2001 Report on 2001 Field Program, Plata Project, Mayo Mining District, Yukon Territory; report for Copper Ridge Exploration Inc.
- Carlson, G. G., 2010 Technical report describing Exploration and Development at the Plata Project; report for Silver Predator Corp.
- Deklerk, R. and Traynor, S. (editors), 2004 Yukon MINFILE 2004- A database of mineral occurrences; Yukon; Geological Service, CD-ROM; occurrences 105N(3) and 105O(15).
- Eaton, W.D. and Eaton, S., 2008 Assessment report describing Geophysical Surveys, Geochemical Sampling and Water Surveys at the Plata Project; report for Rockhaven Resources Ltd.
- Gordey, S.P. and Makepeace, A.J. (editors), 1999 Yukon Digital Geology CD; Geological Survey of Canada Open File 1999-1(D).
- Roots, C.F., Abbott, J.G., Cecile, M.P. and Gordey, S.P., 1995 Bedrock Geology of Lansing Range map area (105N) east half, Hess Mountains, Yukon; Indian and Northern Affairs Canada, Open File 1995-7(G).
- Turner, M., 2010, Assessment Report Describing Diamond Drilling, Excavator Trenching, Geophysical Surveys, Geochemical Sampling and Prospecting at the Plata project; report for Rockhaven Resources Ltd.

STATEMENT OF EXPENDITURES

<u>Wages</u>	Cost
Salaries - Field	\$133,147.84
Salaries - Office	902.98
Salaries - Data Processing	9,966.87
Expediting	18,314.83
Camp Construction	2,649.64
Drilling	328,277.90
 <u>Transportation</u>	
Helicopter	142,200.24
Fixed Wing	123,622.90
 <u>Consumables</u>	
Groceries and Camp Supplies	47,183.70
Fuel	21,606.00
 <u>Equipment and Rentals</u>	
Communications	23,386.65
Field Supplies	44,451.83
Equipment Rentals	35,000.00
Vehicles	4,855.55
 <u>Samples</u>	
Shipping	8,485.70
Assaying	<u>30,622.90</u>
 Total Expenditures 2011	 \$ 974,675.53

STATEMENT OF QUALIFICATIONS

I, Karin Fecova of 11th Floor, 888 Dunsmuir Street, Vancouver, British Columbia, hereby certify that:

1. I graduated from the Simon Fraser University, Burnaby, British Columbia in 2009 with a M.Sc. in Earth Sciences.
2. In 2006 and from 2010 to present, I have been actively engaged as a geologist in mineral exploration in the Yukon Territory.
3. I personally participated in and supervised the field work reported herein and have interpreted the data resulting from this work.
4. I am the author of this report titled “ Assessment Report Describing 2011 Diamond Drilling at the Plata Project” dated 18th April, 2012.

Karin Fecova, M.Sc.

Vancouver, British Columbia

Dated this 18th day of April, 2012

STATEMENT OF QUALIFICATIONS

I, Farrell Andersen of Suite 201A, 170 Titanium Way, Whitehorse, Yukon, hereby certify that:

1. I graduated from the University of British Columbia in 1989 with a B.Sc. majoring in Geology.
2. I have practiced my profession continuously since 1989 and have been involved in projects and evaluations exploring for base metals, precious metals and diamonds primarily in Canada.
3. I personally assisted with the supervision of the field work reported herein and edited this report titled "Assessment Report Describing 2011 Diamond Drilling at the Plata Project" dated 18th April, 2012.

Farrell Andersen, B.Sc.

Whitehorse, Yukon

Date this 18th day of April, 2012

APPENDIX I

SAMPLE METHOD
CHAIN OF CUSTODY
QUALITY ASSURANCE/QUALITY CONTROL
ANALYTICAL PROCEDURES

Sample Method

After the core was logged and photographed, it was wet-cut using a masonry saw. A reference line was drawn down the center of the sample interval and the core was sawn in half. One half of the sample was placed into a uniquely numbered poly bag for analysis and the other half was returned to the box for reference. The finished core boxes were then cross-stacked in individual holes in a leveled dry area behind the core shack.

The core samples were generally taken over an interval of 1 to 1.5 m, but sample intervals were varied at the discretion of the geologist in charge. The minimum length of the sample was 0.36 m and the maximum length of the sample was 4.05 m. A total of 1203 samples, including blanks, quarter-core duplicates and certified reference standards were submitted to ALS Laboratories for fire-assay/gravimetric and ICP-MS analysis.

Chain of Custody

All samples were collected and handled to avoid any kind of contamination. The core was placed into sequentially labeled boxes at the drill site with wooden footage markers placed at core tube pulls and rod changes. The core was then transported by ATV from the drill site to the logging and sampling facility at the camp by either the geologist or the driller's helper. The core was checked for completeness, footage errors and labelling errors, then geotched, logged and photographed before being sampled. Three samples were placed into white poly-weave bags in groups of three that were accurately labeled with the sample numbers they contained and the address of the lab they were sent to. Each poly-weave bag was secured with a plastic lock with a unique number to ensure security of samples during transportation from the drill camp to the lab. A sample submittal form with the preparation and analytical procedure requested was placed into the first bag of each hole.

The poly-weave bags comprising the entire sampling of a hole were then flown by helicopter from the drill camp to the Plata Airstrip. At the airstrip they were securely stored until a scheduled fixed wing flight could back-haul them to Mayo. Once in Mayo, the sample bags were collected by an expeditor and transported to the preparation facility in Whitehorse.

Quality Assurance (QA) / Quality Control (QC)

QA/QC samples included duplicates, blanks and standards. Duplicates of drill core samples were obtained by splitting one half of the core into two quarters. One quarter represented a primary sample and the second quarter represented a duplicate of the primary sample. All blanks were coarse crushed white quartz stones.

Three different types of standards were used during the program. The material for all three samples was prepared by CDN Resource Laboratories Ltd. and certified by Duncan Sanderson, B. Sc., Licensed Assayer of British Columbia in 2010 and 2011. The certified mean and two standard deviations of the three standards are shown below.

Standard	Element	Certified Mean	Two Standard Deviations (Between Lab)
CDN-ME-12	Gold	0.348 g/t	0.040 g/t
	Silver	52.5 g/t	4.3 g/t
	Copper	0.428 %	0.020 %
	Lead	0.222 %	0.014%
	Zinc	0.275 %	0.018%
CDN-ME-17	Gold	0.452 g/t	0.058 g/t
	Silver	38.2 g/t	3.1 g/t
	Copper	1.36 %	0.10 %
	Lead	0.676%	0.054%
	Zinc	7.34 %	0.37%
CDN-GS-5G	Gold	4.77 g/t	0.40 g/t
	Silver	101.8 g/t	7.0 g/t

Sample Preparation

In the ALS lab in Whitehorse, the core samples were prepared by method Prep-31a, summarized from the ALS website below. Between each sample a “barren” wash was run through the pulverizer (method WSH-22). Details on the methods can be found on the ALS website.

Method Code	Description
LOG-22	Sample is logged in tracking system and a bar code label is attached.
DRY-21	Drying of excessively wet samples in drying ovens. This is the default drying procedure for most rock chip and drill samples.
CRU-31	Fine crushing of rock chip and drill samples to better than 70 % of the sample passing 2 mm.
SPL-21	Split sample using riffle splitter.
PUL-31	A sample split of up to 250 g is pulverized to better than 85 % of the sample passing 75 microns.

Sample Analysis

The sample pulps were then shipped to the Vancouver lab where they were analyzed using two methods. Method -GRA-21 is a 30gram fire-assay with gravimetric finish for Au and Ag. Method ICP-61a is a 4-acid digestion using an ICP mass spectrometer machine for finishing. The 61a method allows higher detection limits than the conventional ICP 61 analysis. The upper and lower limits for the ICP-61a method are shown below.

Analyte	Range (ppm or %)	Analyte	Range (ppm or %)	Analyte	Range (ppm or %)	Analyte	Range (ppm or %)
Ag	1-200	Cr	10-100,000	Na	0.05%-30%	Ti	0.05%-30%
Al	0.05%-30%	Cu	10-100,000	Ni	10-100,000	Tl	50-50,000
As	50-100,000	Fe	0.05%-50%	P	50-100,000	U	50-50,000
Ba	50-50,000	Ga	50-50,000	Pb	20-100,000	V	10-100,000
Be	10-10,000	K	0.1%-30%	S	0.05%-10%	W	50-50,000
Bi	20-50,000	La	50-50,000	Sb	50-50,000	Zn	20-100,000
Ca	0.05%-50%	Mg	0.05%-50%	Sc	10-50,000		
Cd	10-10,000	Mn	10-100,000	Sr	10-100,000		
Co	10-50,000	Mo	10-50,000	Th	50-50,000		

APPENDIX II

DRILL HOLE LOGS
SAMPLE LOGS & ASSAYS
STRIP LOGS

Code Legend for the 2011 Plata Drilling

Lithology	Lith	LithoDesc	Color	
	CAS	Casing	BBK	Blue-black
	OVb	Overburden	BBKD	Dark blue-black
	GG	Gouge/Fault	BBKL	Light blue-black
	GSH	Green-grey shale (2011)/Green-grey argillite (2008&2009)	BBR	Blue-brown
	BSH	Black shale (2011)/Black argillite (2008&2009)	BBRD	Dark blue-brown
	QTZ	Brown or grey quartzite	BBRL	Light blue-brown
	GST	Grey or brown sandstone	BGR	Blue-green
	MSH	Maroon shale	BGRD	Dark blue-green
	Ip	Intermediate intrusion (quartz monzonite)	BGRL	Light blue-green
	ARG	Argillite	BGY	Blue-grey
	SST	Siltstone	BGYD	Dark blue-grey
	CH	Chert	BGYL	Light blue-grey
	CON	Contact zone	BK	Black
	VN	Massive vein	BL	Blue
	EOH	End of hole	BLD	Dark blue
	Mod.Code	Lith. Mod. Description	BLL	Light blue
	POR	porphyritic	BR	Brown
	APH	aphyric	BRB	Brown-black
	GRT	gritty	BRBD	Dark brown-black
	BED	bedded	BRBL	Light brown-black
	VN	veined	BRD	Dark brown
	BXD	brecciated	BRL	Light brown
	LIM	limonitic	CGR	Cream-green
	BLK	blocky	CGRD	Cream-green dark
	GrainSize	GrainSize Description	CGRL	Cream-green light
	VFG	very fine grained (0.25mm clasts or crystals)	CGY	Cream-grey
	FG	fine grained (0.25-0.5mm clasts or crystals)	CGYD	Dark cream-grey
	FMG	fine to medium grained (0.5-1mm clasts or crystals)	CGYL	Light cream-grey
	MG	medium grained (1-3mm clasts or crystals)	CLR	Colourless/Vitreous
	MCG	medium to coarse grained (3-5mm clasts or crystals)	CW	Cream
	CG	coarse grained (>5 mm clasts or crystals)	CWD	Dark cream
	OxideCode	Lithology Oxidation	CWL	Light cream
	0	unoxidized	GBK	Grey-black
		trace on joints or fractures or localized in		
	1	general	GBR	Grey-brown
	2	weak	GBRD	Dark grey-brown
	3	partial	GBRL	Light grey-brown
	4	complete	GR	Green

Sulfide	Sulf	Sulfide
	PY	pyrite
	GA/TET	galena/tetrahedrite
	CPY	chalcopyrite
	AS	arsenopyrite
	SP	sphalerite
	Sulf_ %	Sulfide Percent
	1	trace ≤ 1
	2	1-2 % (includes 2%)
	3	> 2-5% (includes 5%)
	4	> 5-10 % (includes 10%)
	5	> 10-20 % (includes 20%)
	6	> 20-50 % (includes 50%)
	7	semi massive to massive sulfide 50-100 %

Alteration	Alt	Alteration Type
	AR	argillic
	ARAD	advanced argillic
	PH	phyllic
	PR	propylitic
	SI	silicification
	LI	limonitic
	SER	sericitization
	SPY	sericite-pyrite
	AltForm	Alteration Form
	PER	pervasive
	PAT	patchy
	DIS	disseminated
	BAND	banded
	BL	blebs
	VN	vein
	SLV	selvage zone
	AltInt	Alteration Intensity
	1	trace to weak
	2	moderate
	3	strong to intense

Color	
GRA	Green-black
GRAD	Dark green-black
GRAL	Light green-black
GRB	Green-brown
GRBD	Dark green-brown
GRBL	Light green-brown
GRD	Dark green
GRG	Green-grey
GRGD	Dark green-grey
GRGL	Light green-grey
GRL	Light green
GTA	Grey-tan
GWH	Grey-white
GY	Grey
GYD	Dark grey
GYL	Light grey
MA	Maroon
MAD	Maroon Dark
MAL	Maroon Light
OBK	Orange-black
OBR	Orange-brown
OBRD	Dark orange-brown
OBRL	Light orange-brown
OGY	Orange-grey
OGYD	Dark orange-grey
OGYL	Light orange-grey
OK	Ochre
OKD	Dark ochre
OKL	Light ochre
OL	Olive-green
OLB	Olive-brown
OLBD	Dark olive-brown
OLBL	Light olive-brown
OLD	Dark olive-green
OLBL	Light olive-brown
OLD	Dark olive-green

Vein	Vein	Vein
	CC	calcite
	LCC	limonite-calcite
	PY	pyrite
	QSI	quartz-siderite
	QT	quartz-tourmaline
	QCP	quartz-chalcopyrite
	QCS	quartz-carbonate-sulphide
	QLC	quartz-limonite-chlorite
	QCSI	quartz-chlorite-siderite
	QPY	quartz-pyrite
	QS	quartz-sulphide
	QCL	quartz-chlorite
	QCCL	quartz-carbonate-chlorite
	QZ	quartz
	S	sulphide
	FEOX	iron oxidation/limonite
	Vein_ %	Vein Percent
	0.1 - 100	estimated percentage

Mineralization/Alteration Mineral Assemblages	AltMin	Alteration Mineral
	LI	limonite
	CB	carbonate
	CC	calcite
	CHL	chalcedony
	CLY	clay
	CL	chlorite
	JAR	jarosite
	KLN	kaolinite
	PY	pyrite
	QZ	quartz
	SER	sericite
	SMEC	smectite
	WM	white mica
	FEOX	iron oxides
	Min_ %	Mineral (Alt) Percent
	1	trace ≤ 1
	2	1-2 % (includes 2%)
	3	> 2-5% (includes 5%)
	4	> 5-10 % (includes 10%)
	5	> 10-20 % (includes 20%)
	6	> 20-50 % (includes 50%)
	7	semi massive to massive sulfide 50-100 %

Color	
OLL	Light olive-green
OR	Orange
ORD	Dark orange
ORL	Light orange
OTA	Orange-tan
OWH	Orange-white
PK	Pink
PKD	Dark pink
PKL	Light pink
PU	Purple
PUD	Dark purple
PUL	Light purple
RBR	Red-brown
RBRD	Dark red-brown
RBRL	Light red-brown
RD	Red
RDD	Dark red
RDL	Light red
RGY	Red grey
RGYD	Dark red grey
RGYL	Light red grey
SGY	Smokey grey
TA	Tan
TAD	Dark tan
TAL	Light tan
TBR	Tan-brown
TGY	Tan-grey
TOR	Tan-orange
TWH	Tan-white
WBL	White-blue
WBR	White-brown
WGR	White-green
WGY	White-grey
WH	White
WSM	White-smokey
WTA	White-tan
WYE	White-yellow
YBR	Yellow-brown (buff)
YBRD	Dk yellow-brown/ Dark buff
	Light yellow-brown/
YBRL	Light buff
YE	Yellow
YED	Dark yellow
YEL	Light yellow
YGR	Yellow-green
YGRD	Dark yellow-green
YGRL	Light yellow-green
YGY	Yellow-grey
YGYD	Dark yellow-grey
YGYL	Light yellow-grey
YTA	Yellow-tan

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-54

PROJECT: Plata
PROSPECT: Aho
PROJECT CODE: PL
TARGET: Area between P4 and P3 vein

START DATE / TIME: 8-Jul-11
FINISH DATE / TIME: 9-Jul-11

LOGGED BY: Karin Fecova
DATE: July 10-11, 2011

NAD83-8N UTM E: 647349
NAD83-8N UTM N: 7054052
ELEVATION (M): 1280

HOLE DIP: -55
HOLE AZIMUTH: 4
TOTAL LENGTH: 140.21 m
HOLE TYPE: DD
CORE SIZE: NTW
CASING DEPTH (M): 3.05
COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: Yes, but no measurements available
BOTTOM LINE: at the bottom of the core
TOOL TYPE: ACT-II

SAMPLES: K965001 - K965075
75 samples

DRILL CONTRACTOR: Kluane Drilling
DRILL: KD600
DRILLER: Shawn Ladret

DRILLHOLE SUMMARY FROM / TO (M):

0-10	Moderately oxidized green-grey shale
10-19.2	Unoxidized green-grey shale with occasional massive-semi-massive quartz-limonite-chlorite veins
19.2-23.06	Grey gritty sandstone with occasional quartz-siderite veins
23.06-26.8	Densely veined green-grey shale with a short narrow interval of grey quartzite
26.8-38.89	Green-grey shale with occasional massive-semi-massive quartz-limonite-chlorite veins
38.89-46.59	Brown-grey quartzite interbedded with green-grey shale; with quartz-siderite-minor sulphide veins
46.59-51	Green-grey shale with occasional massive-semi-massive quartz-limonite-chlorite veins
51-64.63	Maroon shale
64.63-83.82	Densely veined (30%) green-grey shale (the equivalent of the structure); minor ga, 10% local py
83.82-85.80	Densely veined black shale; minor ga and sph, py locally up to 20%
85.80-140.21	Black shale with occasional quartz-minor carbonate veining
140.21	End of hole

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
DH SURVEYED (Y/N):	Y	18.3	5 -53
DH SURVEYED BY:	Olivier Didier	79.2	5 -51
DH SURVEY TOOL:	Multiple shot	140.2	3 -51

PROJECT: Plata

HOLE_ID: PL11-54

LOGGED BY: _Karin Fecova

DATE: _10-11 July 2011

LITHOLOGY				MIN		ALTERATION												Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODIFIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	10	GSH		VFG	OGY	3	PY	2				LCC QLC	2 2					K965001 - K965004	0-3.05m: Casing; 0-10m: green-grey shale, moderately pervasively oxidized, contains occasional limonite - minor cc. veins, random orientation
10	19.2	GSH		VFG	GRG	0	PY	2				QLC	2					K965004 - K965009	10-19.2m: green-grey shale, non oxidized; contains trace fossils replaced by py, qtz, carbonate; with occasional mass-semi mass qtz - FeO (lim) -chlor vein associated with py, veins can contain cm's scale fragments of host rock; they are irregular, fractured, irregular margin, wavy deformed, sharp contacts with the host rock; qtz vein is composed ~0.5 mm qtz grains can be white to light grey; 14.92-15.12m: qtz vein as described in 3.05-19.2m, with 1 cm thick band of py, vein is 5 cm thick and py zone 20 cm thick; 17.07 - 17.17m: qtz vein as described in 3.05-19.2m; 18.5-19m: qtz vein as described in 3.05-19.2m;
19.2	23.06	GST	GRT	FMG	GY	0						QSI	5					K965010 - K965012	19.2-23.06m: grey gritty sandstone with 0.5mm qtz grains and 10% white round grained aggregates in grey matrix; UC & LC are veined, sharp and 30-40 TCA; sandstone contains 5% qtz-siderite veining that seem to have similar attitude (40-45 deg TCA); qtz-sider vns have 20% light brown siderite and 80% white qtz; veins are 2-20mm thick, relatively planar, spaced at 10 cm's scale; they contain minor sulphides and seem to be different from vns at 3.05-52m; siderite is euhedral, mg (1-2mm) as well as qtz (fmg), no vis min; vns are in form of stockwork (STW) or 1-2 cm thick "planar" veins: 19.2-19.3m (STW); 19.4-19.5m (STW); 21.45m , 22.3m, 22.5m, 22.7m (VN) and 23-23.06 m (STW)
23.06	26.8	GSH	VN	VFG	GRG	0	PY	2				QLC	10					K965013 K965014	23.06-26.8m: Green-grey shale as 3.05-19.2m, but veined; 23.3-23.4m, 24.3-23.4m: qtz veins as 3.05-19.2m; 25.3-25.7m:qtzite with black hairline fracs and qtz vein as 3.05-19.2m; 26.7-26.8m: qtz vn as 3.05-19.2m
26.8	38.89	GSH		VFG	GRG	0	PY	2				QLC	2					K965015 - K965022	26.8-38.89m: Green-grey shale as 3.05-19.2m; 33-33.8m: qtz vns as 3.05-23.06m, seem planar, ~10 cm apart, no vis minerztn;

PROJECT: Plata

HOLE_ID: PL11-54

LOGGED BY: _Karin Fecova

DATE: __10-11 July 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODIFIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
38.89	46.59	QTZ	VN	MG	BGY	0	GA/TET	1	SI	PER	2	QSI	40	QZ	7	CL	5	K965023 - K965027	38.89-46.59m: Brown-grey quartzite interbedded w up to 1m thick green-grey shale beds; qtzite is mg (0.5mm grains), with abundant quartz veining w faded margs, w moderate pervasive overprint silicfctn; green gray shale beds also qtz veind, tend to be oriented along cleavage planes; in qtzite: qtz-sider vns, few mm-few cm thick, random orientd w faded margs and no vis minerztn; these vns can be vuggy (1 cm vug w euhedral qtz crystals; in one case vn contains 3 mm bleb of silver-grey sulph in qtz (tetrahed); alteration associatd w qtz veining: chlor>>>ser + silica (in sandstone/qtzite units)
46.59	51	GSH		VFG	GRG	0						QZ	1					K965028 K965039 K965029	46.59-51m: Green-grey shale
51	53.22	MSH		VFG	MA	0												K965029 K965030 K965031	51-53.22m: Maroon shale 9likely originally green-grey shale, intently patchily altered to marron? By Fe-Mn f rich fluids?); green-grey shale subunits in the vicinity of the maroon shale can be locally spotted (light pink, up to 25% 1mm spots that appear to be either oxidized py (?) or degraded andalusite (?) or sphalerite (?)
53.22	54.26	QTZ		MG	GRL	0						QCL	2					K965040	53.22-54.26m: Light green-grey-light tan qtzite/sandstone (0.5mm grains) w rare planar qtz-chlor vns w no vis minerzn, very hard to scratch
54.26	64.63	MSH		VFG	MA	0	PY	2				QCCL	2					K965032 - K965036	54.26-64.63m: Maroon shale w occasional qtz-chlor-carb deformd, wavy, curvy vns w no vis minerztn, w up to 2% py
64.63	83.82	GSH	VN	VFG	GRG	0	PY GA/TET	2 1				QCSI	30					K965037 - K965049	64.63-83.82m: Densely veind green-gray shale w 2 massive qtz-chl-py-cpy? vns as described 3.05-23.06m (30% veining); this interval can be correlated with structure; veins range in thickness 1-100mm, are white, fmg, qtz-chl-sider-min calc, w no vis mineraztn, py is euh, 0.5mm cubes, diss in vn selv and host rock; vns are wavy, curvy, convoluted, planar, zig-zag, offset, random orientd; tend to be 45 deg TCA; 73-77m: Veind green-grey shale: 1% tet or gal? (bluish, silvery, vfg); 1-2% py (vfg, along frac coatings); 78-83.7m: 1-10% cg py in gr-gy sh, py is diss and picks up locally; 81.5-82m: mass qtz-sider vn w 1% tet or ga, 1% py

PROJECT: Plata

HOLE_ID: PL11-54

LOGGED BY: _Karin Fecova

DATE: __10-11 July 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODIFIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
83.82	85.8	BSH	VN	VFG	BK	0	PY GA/TET SP AS	5232				QZ	20					K965049 K965050	83.82-85.8m: a abundantly vnd black shale (soft to scratch, cleaves along planes) w vns tend to be subll w cleavage; these vns are qtz-minor carb vns, 1-2mm thick, common random oriented; 15-20% 0.5 mm diss euh (cubes) py in vn slevs and black shale; 83.7-84.8m: semi-mass (at least 20%) vfg-cg py in bk shale (clusters, diss, seams, inclusions in qtz-sider vng @82.3m w 1% sph (cg) and 1% cg ga; 84.55-84.6m: 10% sp, 5% ga (vcg cubes), 2% aspy (cg) all within veing in bk shale
85.8	140.2	BSH		VFG	BK	0						QZ	5					K965050 - K965075	85.8-140.21m: Black shale w occasional short vnd intervals (see graphics); vns as 83.82-85.7m; 110-140.21m: some intervals have orientd core, but no structure of features present
140.2	140.2	EOH																	140.21m: End of hole (E.O.H)

PROJECT: Plata

HOLE_ID: PL11-54

SAMPLED BY: _Karin Fecova

DATE: __10-11 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965001	0	5.3	5.30	HC		<0.05	<5	1	<50	1890	4.91	20	170
K965002	5.3	7.05	1.75	HC		<0.05	<5	<1	<50	1840	4.7	<20	120
K965003	7.05	8.7	1.65	HC		<0.05	<5	1	<50	1850	5.62	<20	120
K965004	8.7	10.38	1.68	HC		<0.05	<5	<1	<50	1450	5.65	<20	70
K965005	10.38	11.7	1.32	HC		<0.05	<5	<1	<50	1530	3.77	<20	80
K965006	11.7	13.66	1.96	HC		<0.05	<5	<1	<50	1660	5.94	<20	110
K965007	13.66	15.65	1.99	HC		<0.05	<5	<1	<50	1630	6	<20	100
K965008	15.65	17.07	1.42	HC		<0.05	<5	<1	<50	1560	5.47	<20	110
K965009	17.07	19.2	2.13	HC		<0.05	<5	<1	<50	1210	4.61	50	110
K965010					Blank	<0.05	<5	<1	<50	<50	0.62	<20	<20
K965011	19.2	21.45	2.25	HC		<0.05	<5	<1	<50	320	2.43	100	50
K965012	21.45	23.06	1.61	HC		<0.05	<5	<1	<50	250	2.44	20	30
K965013	23.06	25.2	2.14	HC		<0.05	<5	1	60	1550	5.15	60	80
K965014	25.2	26.8	1.60	HC		<0.05	<5	1	<50	1310	4.19	80	80
K965015	26.8	29.27	2.47	HC		<0.05	<5	<1	<50	1560	3.9	<20	110
K965016	29.27	30.63	1.36	HC		<0.05	<5	<1	<50	1440	5.89	<20	70
K965017	30.63	32.32	1.69	HC		<0.05	<5	<1	<50	1690	4.3	<20	100
K965018	32.32	34.09	1.77	HC		<0.05	<5	<1	<50	1690	5.18	<20	100
K965019	34.09	35.82	1.73	HC		<0.05	<5	<1	<50	1830	5.43	<20	110
K965020					Standard (CDN-ME-17)	0.65	42	41	150	270	18.9	6600	73100
K965021	35.82	37.68	1.86	HC		<0.05	<5	<1	<50	1640	3.97	<20	180
K965022	37.68	38.89	1.21	HC		<0.05	<5	1	<50	1490	3.63	20	70
K965023	38.89	40.84	1.95	HC		<0.05	<5	<1	<50	740	4.55	<20	50
K965024	40.84	41.79	0.95	HC		<0.05	<5	1	80	1750	2.61	<20	30
K965025	41.79	42.54	0.75	HC		<0.05	<5	<1	<50	480	4.5	70	30
K965026	42.54	45.33	2.79	HC		<0.05	<5	<1	<50	1520	3.99	30	70
K965027	45.33	46.59	1.26	HC		<0.05	<5	<1	<50	1110	5.38	70	90
K965028	46.59	48.33	1.74	HC		<0.05	<5	<1	<50	2430	4.69	20	90
K965039	48.33	50	1.67	HC		<0.05	<5	<1	<50	2440	6.1	<20	90
K965029	50	52.08	2.08	HC		<0.05	<5	<1	<50	2060	4.79	20	90
K965030	52.08	53.22	1.14	QC		<0.05	<5	<1	<50	1590	4.65	<20	80
K965031	52.08	53.22	1.14	QC	Duplicate of K965030	<0.05	<5	<1	<50	1430	4.28	20	100
K965040	53.22	54.26	1.04	HC		<0.05	<5	<1	<50	1390	4.48	<20	100
K965032	54.26	56.43	2.17	HC		<0.05	<5	<1	<50	1480	4.64	<20	90
K965033	56.43	58.47	2.04	HC		<0.05	<5	<1	<50	1540	4.83	<20	70
K965034	58.47	60.8	2.33	HC		<0.05	<5	<1	<50	1540	5.24	<20	80
K965035	60.8	62.31	1.51	HC		<0.05	<5	<1	<50	1360	4.52	<20	100
K965036	62.31	64.63	2.32	HC		<0.05	<5	<1	<50	2920	4.16	<20	70
K965037	64.63	66.62	1.99	HC		<0.05	<5	<1	<50	1530	5.12	<20	100
K965038	66.62	69.18	2.56	HC		<0.05	<5	1	<50	540	4.08	<20	70
K965041	69.18	71.6	2.42	HC		<0.05	<5	<1	<50	1660	5.23	20	110

PROJECT: Plata

HOLE_ID: PL11-54

SAMPLED BY: _Karin Fecova

DATE: __10-11 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965042	71.6	73.15	1.55	HC		<0.05	<5	<1	50	1630	5.26	<20	80
K965043	73.15	75.07	1.92	HC		<0.05	<5	<1	50	1470	4.64	70	80
K965044					Blank	<0.05	<5	<1	<50	<50	0.56	<20	20
K965045	75.07	77.72	2.65	HC		<0.05	<5	<1	50	2060	4.74	20	100
K965046	77.72	79.2	1.48	HC		<0.05	<5	<1	50	2240	4.43	30	140
K965047	79.2	81.27	2.07	HC		<0.05	<5	1	<50	2600	4.63	30	110
K965048	81.27	83.46	2.19	HC		<0.05	<5	1	60	3970	3.63	200	330
K965049	83.46	85.71	2.25	HC		<0.05	5	4	180	2980	5.01	1020	750
K965050	85.71	87.96	2.25	HC		<0.05	<5	1	70	8020	6.88	<20	250
K965051					Standard (CDN-ME-12)	0.35	49	52	100	520	4.65	2120	2760
K965052	87.96	90.2	2.24	HC		<0.05	<5	1	60	4580	3.43	30	280
K965053	90.2	92.96	2.76	HC		<0.05	<5	<1	70	10000	3.58	<20	190
K965054	92.96	95.78	2.82	HC		<0.05	<5	1	50	3040	5.01	20	170
K965055	95.78	98	2.22	HC		<0.05	<5	<1	<50	2160	5.66	30	140
K965056	98	100.28	2.28	HC		<0.05	<5	<1	<50	10400	3.15	<20	190
K965057	100.28	102.45	2.17	HC		<0.05	<5	<1	<50	10350	3.96	20	210
K965058	102.45	104.64	2.19	HC		<0.05	<5	<1	<50	11100	3.35	20	230
K965059	104.64	106.98	2.34	QC		<0.05	<5	<1	<50	10600	3.13	<20	180
K965060	104.64	106.98	2.34	QC	Duplicate of K965059	<0.05	<5	<1	<50	10700	3.33	<20	220
K965061	106.98	108.71	1.73	HC		<0.05	<5	<1	50	9640	2.6	<20	210
K965062	108.71	110.8	2.09	HC		0.32	<5	<1	<50	9710	3.56	<20	180
K965063	110.8	112.98	2.18	HC		<0.05	<5	<1	<50	9360	4.16	20	180
K965064	112.98	115.37	2.39	HC		<0.05	<5	<1	<50	9930	2.92	<20	180
K965065	115.37	117.65	2.28	HC		<0.05	<5	<1	<50	9880	3.99	<20	160
K965066	117.65	119.99	2.34	HC		<0.05	<5	<1	<50	10950	4.29	20	180
K965067	119.99	122.22	2.23	HC		<0.05	<5	<1	<50	9550	3.98	<20	120
K965068	122.22	125.27	3.05	HC		<0.05	<5	<1	<50	10750	6.21	<20	70
K965069	125.27	127.82	2.55	HC		<0.05	<5	<1	<50	11750	5.11	<20	120
K965070	127.82	130	2.18	HC		<0.05	<5	1	50	5410	5.37	30	280
K965071	130	132.09	2.09	HC		<0.05	<5	1	<50	9750	3.7	<20	150
K965072	132.09	134.42	2.33	HC		<0.05	<5	<1	<50	10750	3.57	<20	170
K965073	134.42	137.42	3.00	HC		<0.05	<5	<1	<50	5150	4.46	20	150
K965074	137.42	139.6	2.18	HC		<0.05	<5	1	<50	7100	3.96	<20	170
K965075	139.6	140.21	0.61	HC		<0.05	<5	<1	<50	6340	5.21	20	180

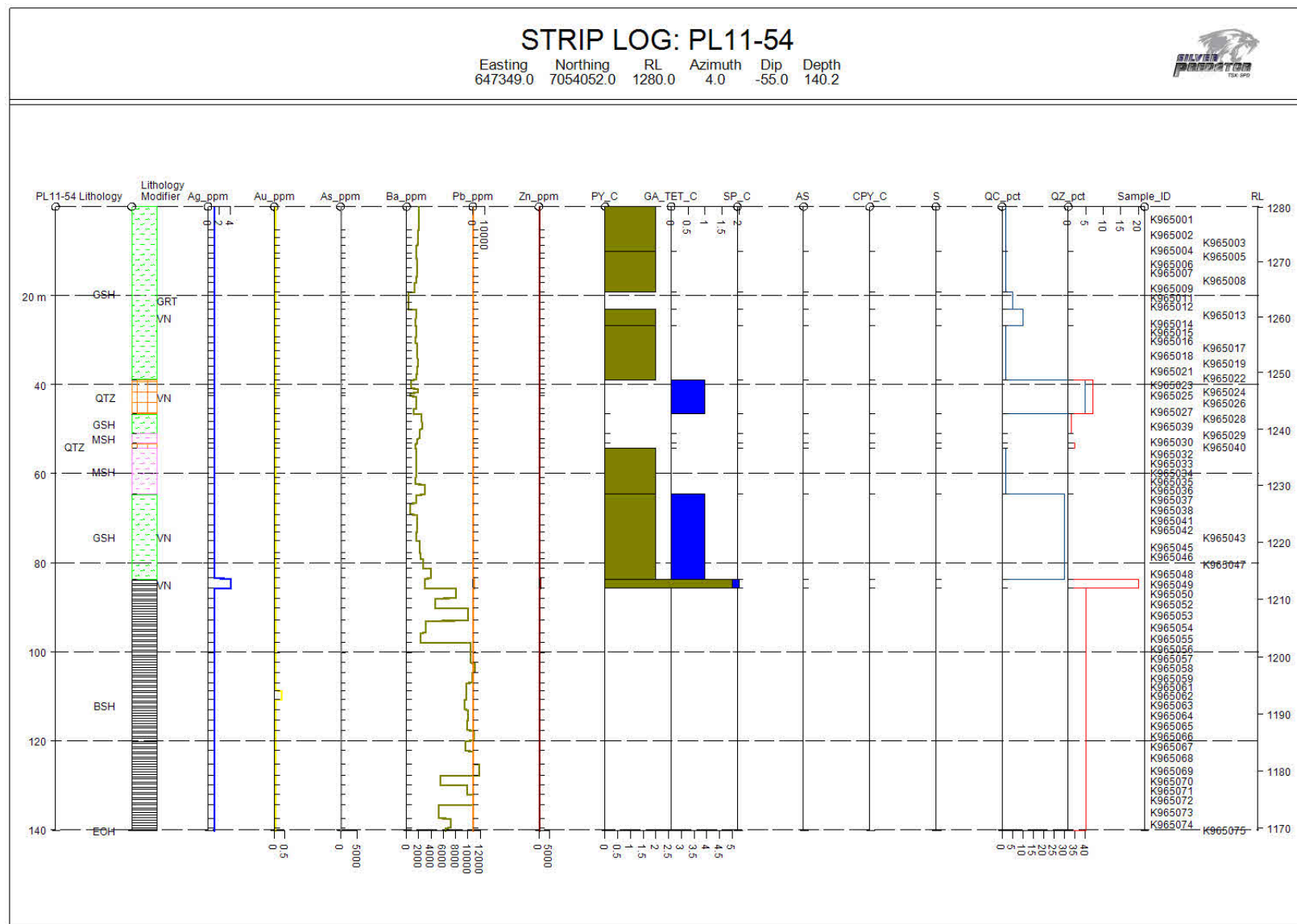


Figure 1. Strip log PL11-54. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-55

PROJECT: Plata

PROSPECT: Aho

PROJECT CODE: PL

TARGET: Area between P4 and P3 vein

START DATE / TIME: 9-Jul-11

FINISH DATE / TIME: 11-Jul-11

LOGGED BY: Karin Fecova

DATE: July 12-13, 2011

NAD83-8N UTM E: 647349

NAD83-8N UTM N: 7054052

ELEVATION (M): 1280

HOLE DIP: -80

HOLE AZIMUTH: 4

TOTAL LENGTH: 137.36

HOLE TYPE: DD

CORE SIZE: NTW

CASING DEPTH (M): 1.52

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: Yes, but no measurements available

BOTTOM LINE: at the bottom of the core

TOOL TYPE: ACT-II

SAMPLES: K965076 - K965126

51 samples

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Shawn Ladret

DRILLHOLE SUMMARY

FROM / TO (M):

0-7

7-14.29

14.29-15.29

15.29-47

47-52.9

52.9-62

62-65.83

65.83-67.35

67.35-94.07

94.07-105

105-137.46

137.46

Weakly to moderately oxidized green-grey shale

Unoxidized green-grey shale

Veined green-grey shale with 30% quartz-siderite-pyrite-chlorite-sericite veining

Green-grey shale with occasional quartz veining

Grey gritty sandstone/quartzite with 20% quartz veining

Green-grey shale with occasional quartz veining

Veined green-grey shale with 30% quartz-siderite-pyrite-chlorite-sericite veining

Veined maroon shale

Densely veined (30%) green-grey shale, which could be the equivalent of the structure

Densely veined (30%) black shale

Black shale with occasional quartz-minor carbonate veining;

End of hole

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
DH SURVEYED (Y/N): Y	15.2	2	-81
DH SURVEYED BY: Olivier Didier	76.2	357	-81
DH SURVEY TOOL: Multiple shot	137.2	354	-81

PROJECT: Plata

HOLE_ID: PL11-55

LOGGED BY: _Karin Fecova

DATE: __12-13 July 2011

		LITHOLOGY			MIN			ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	7	GSH		VFG	OGY	3													0-1.52m: Casisng; 0-7m: Weakly to moder oxidizd green-grey shale with common FeOx in hairline fracs along cleavage surfaces
7	14.29	GSH		VFG	GRG	0	PY	2										K965076 K965077	7-14.29m: Green-grey shale with occasional FeOx hairline fracs; pyrite replacemnt of trace fossils; oxidized on fracs
14.29	15.29	GSH	VN	VFG	GRG	0	PY	2				QCSI	30					K965078 K965079	14.29-15.29m: Veined green-grey shale w 30% wavy, convoluted, discont, white-It brown qtz-sider-py-chlor-sericite veining, random orientd ("hydrothermal breccia" appearance)
15.29	47	GSH		VFG	GRG	0						QCCL	3					K965079 - K965089	15.29-47m: Green-grey shale as 7-14.29m with occas, short qtz-carb-chlor-ser convoluted hairline-mm thick vns, random orientd w occas pyrite; shale interbedded with short intervals of black shale as shown in graphic log; 32.8-33.6m: green-grey shale w mm's scale spaced black hairline fracs&rare convoluted qtz-carb-chlor-py vns; 32.6-34.75m: Broken core zone-fracture zone; 34.75m: 5 cm of clay-fractd rock (a fault?)
47	52.9	GST	GRT	VFG	GRG	0			SI	PER	2	QZ	20					K965089 - K965092	47-52.9m: Grey gritty sandstone/qtzite, moder to strong silicfd, w 10% of white round 0.5 mm grains aggregates in the matrix made of 0.5mm grey grains; densely veind w planar, 1-5mm thick white qtz veins w faded margs, random orientd, x-cutting each other (stockwork), offset, w no vis minerz;
52.9	62	GSH		VFG	GRG	0	PY GA/TET	1 1				QCSI	2					K965092 - K965097	52.9-62m: Green-grey shale with rare planar quartz-sider-chlor-py vns; one of these veins contain 2-3 mm grey silvery bluish mineral (tetrah?, boulang?, freiberg?)
62	65.83	GSH	VN	VFG	GRG	0	PY	1				QCSI	30					K965098 K965099	62-65.83m: Veined green-grey shale as 14.29-15.29m
65.83	67.35	MSH	VN	VFG	MA	0	PY	1				QCSI	30					K965100	65.83-67.35m: Veined maroon-green shale, veing as 14.29-15.29m

PROJECT: Plata

HOLE_ID: PL11-55

LOGGED BY: _Karin Fecova

DATE: __12-13 July 2011

LITHOLOGY				MIN		ALTERATION												Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODIFIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
67.35	94.07	GSH	VN	VFG	GRG	0	PY CPY	1 1				QCSI	30					K965101 - K965117	67.35-94.07m: Veined green-grey shale w m's scale subunits w 30% vns and 5% vns in interbedded short intervals of black/dk grey shale; veing as described 14.29-15.29m; 80-81m: Spotted gr-gy sh (and?, sph?), spots in strings or random distrbtn (rhombic, cubic, prismatic, elongated), reddish, soft to scratch, some with cream center; 85-86m: Fault zone?, Fractd zone+35cm of clay>>rock, 20 TCA; 90-95m: qtz vn w a bleb of cpy (7mm cxl)
94.07	105	BSH	VN	VFG	BK	0	PY AS	3 1				QZ	30					K965118 - K965122	94.07-105m: Veined black shale, 30% stockwork veining with a few massive white quartz veins with no vis minerzn; occass py
105	137.36	BSH		VFG	BK	0	PY	1				QZ	2					K965122 - K965126	105-137.36m: Black shale w rare wh qtz vns as shown in graphic log, no vis minerzn; 134m: qtz-carb-bar? Vng with occass py
137.36	137.36	EOH																	137.36m: End of hole (EOH)

PROJECT: Plata

HOLE_ID: PL11-55

SAMPLED BY: _Karin Fecova

DATE: __12-13 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965076	9.94	12.42	2.48	HC		<0.05	<5	<1	<50	5110	4.97	30	130
K965077	12.42	14.29	1.87	HC		<0.05	<5	<1	<50	3410	4.82	<20	120
K965078	14.29	14.96	0.67	HC		<0.05	<5	<1	<50	1450	4.73	<20	100
K965079	14.96	16.76	1.8	HC		<0.05	<5	<1	<50	3870	5.8	<20	100
K965080	18.74	19.81	1.07	HC		0.1	<5	<1	<50	1780	5.09	<20	80
K965081	20.33	22.03	1.7	HC		<0.05	<5	<1	<50	1750	5.34	<20	110
K965082	22.56	23.31	0.75	HC		<0.05	<5	1	<50	1610	5.59	20	70
K965083	23.66	25.12	1.46	QC		<0.05	<5	<1	<50	1460	5.75	<20	90
K965084	23.66	25.12	1.46	QC	Duplicate of K965083	<0.05	<5	<1	<50	1600	7	<20	100
K965085	28.38	29.05	0.67	HC		<0.05	<5	1	70	1020	5.01	110	100
K965086	30.48	32.65	2.17	HC		<0.05	<5	<1	<50	1310	4.55	<20	110
K965087	32.65	34.75	2.1	HC		<0.05	<5	1	<50	1770	5.28	20	100
K965088	38.3	39.72	1.42	HC		<0.05	<5	<1	<50	1580	4.8	<20	110
K965089	44.81	47.15	2.34	HC		<0.05	<5	1	120	1550	5.78	70	60
K965090	47.15	49.65	2.5	HC		<0.05	<5	<1	<50	320	3.41	<20	40
K965091	49.65	51.24	1.59	HC		<0.05	<5	<1	80	1660	2.97	20	70
K965092	51.24	52.95	1.71	HC		<0.05	<5	<1	<50	650	5.22	50	90
K965093	52.95	55.38	2.43	HC		<0.05	<5	<1	50	1680	4.68	30	70
K965094	56.57	58.83	2.26	HC		<0.05	<5	<1	<50	1610	5.99	<20	130
K965095					Standard (CDN-GS-5G)	4.69	96	100	80	5370	3.33	920	3010
K965096					Blank	<0.05	<5	<1	<50	<50	0.47	<20	20
K965097	59.27	61.35	2.08	HC		<0.05	<5	<1	<50	1540	6.02	<20	80
K965098	62.06	63.06	1	HC		<0.05	<5	<1	<50	1440	4.66	<20	80
K965099	63.06	64.3	1.24	HC		<0.05	<5	<1	<50	1490	5.9	<20	130
K965100	65.85	67.35	1.5	HC		<0.05	<5	<1	<50	2970	5.66	<20	80
K965101	67.35	68.9	1.55	HC		<0.05	<5	<1	<50	7770	5.05	20	100
K965102	69.2	70.84	1.64	HC		<0.05	<5	<1	<50	1540	5.71	<20	110
K965103	70.84	72.26	1.42	HC		<0.05	<5	<1	60	1770	4.42	<20	70
K965104	72.26	73.55	1.29	HC		<0.05	<5	1	<50	1300	5.03	<20	80
K965105	73.55	74.97	1.42	QC		<0.05	<5	<1	<50	670	2.32	<20	40
K965106	73.55	74.97	1.42	QC	Duplicate of K965105	<0.05	<5	<1	<50	670	2.36	<20	50

PROJECT: Plata

HOLE_ID: PL11-55

SAMPLED BY: _Karin Fecova

DATE: __12-13 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965107	74.97	75.97	1	HC		<0.05	<5	<1	50	1020	6.67	<20	80
K965108	75.97	77.63	1.66	HC		<0.05	<5	<1	50	1370	7.4	<20	70
K965109	77.63	78.92	1.29	HC		<0.05	<5	<1	<50	1360	3.24	<20	50
K965110	78.92	80.77	1.85	HC		<0.05	<5	<1	<50	1610	5.49	<20	90
K965111	80.77	82.03	1.26	HC		<0.05	<5	<1	50	1700	5.15	20	130
K965112	82.03	83.82	1.79	HC		<0.05	<5	1	<50	2260	5.66	<20	80
K965113	86.47	88.7	2.23	HC		<0.05	<5	1	70	2370	5.29	<20	70
K965114	88.7	91.13	2.43	HC		<0.05	<5	<1	70	2820	5.2	20	70
K965115	91.13	94.07	2.94	HC		<0.05	<5	1	120	4090	5.04	20	100
K965116					Standard (CDN-ME-17)	0.59	43	40	160	380	19.3	6730	74700
K965117					Blank	<0.05	<5	1	<50	<50	0.38	<20	20
K965118	94.07	95.82	1.75	HC		<0.05	<5	2	160	5400	4.01	60	240
K965119	95.82	98.13	2.31	HC		<0.05	<5	1	80	4940	4.61	<20	170
K965120	98.13	100.88	2.75	HC		<0.05	<5	<1	80	8390	4.72	20	220
K965121	101.33	103.04	1.71	HC		<0.05	<5	1	70	6750	11.55	<20	150
K965122	103.63	105.2	1.57	HC		0.11	<5	1	90	1820	9.45	50	430
K965123	112.1	112.7	0.6	HC		<0.05	<5	<1	<50	6740	3.88	20	90
K965124	128.32	128.87	0.55	HC		<0.05	<5	1	<50	10100	3.29	<20	170
K965125	129.62	130.12	0.5	HC		<0.05	<5	1	<50	6230	9.98	<20	150
K965126	134.11	135.23	1.12	HC		<0.05	<5	1	<50	8270	5.88	<20	130

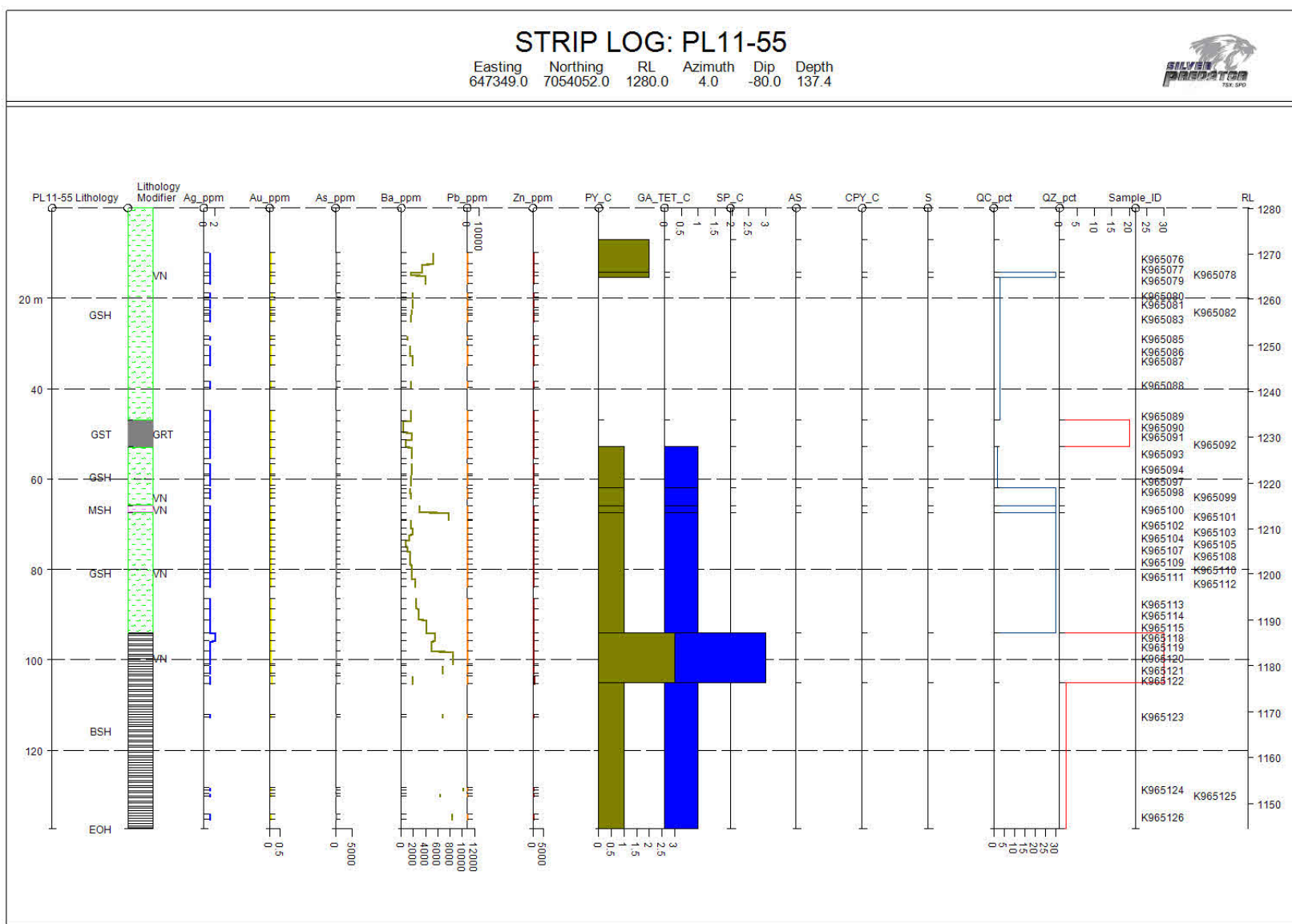


Figure 2. Strip log PL11-55. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the "CODE LEGEND" for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-56

PROJECT: Plata

PROSPECT: Aho

PROJECT CODE: PL

TARGET: Area between P4 and P3 vein

START DATE / TIME: 12-Jul-11

FINISH DATE / TIME: 15-Jul-11

LOGGED BY: Karin Fecova

DATE: July 15-16, 2011

NAD83-8N UTM E: 647481

NAD83-8N UTM N: 7053863

ELEVATION (M): 1173

HOLE DIP: -55

HOLE AZIMUTH: 4

TOTAL LENGTH: 287.43

HOLE TYPE: DD

CORE SIZE: NTW

CASING DEPTH (M): 1.52

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: Yes, but no measurements available

BOTTOM LINE at the bottom of the core

TOOL TYPE: ACT-II

SAMPLES: K965127 - K965218

92 samples

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Shawn Ladret

DRILLHOLE SUMMARY

FROM / TO (M):

0-3.05 Casing

3.05-17 Weakly oxidized green and maroon shale

17-121.5 Green-grey shale with a multiple veined subunits, a few maroon and quartzite subunits

121.5-132.02 Densely veined (30%) green-grey shale(the equivalent of the structure); pyrite and arsenopyrite present

132.02-287.43 Black shale with multiple veined intervals

287.43 End of hole

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
DH SURVEYED (Y/N): Y	28.3	4	-54
DH SURVEYED BY: Shawn Ladret	150.3	4	-54
DH SURVEY TOOL: Multiple shot	287.4	3	-52

PROJECT: Plata

HOLE_ID: PL11-56

LOGGED BY: _Karin Fecova

DATE: __15-16 July 2011

LITHOLOGY					MIN		ALTERATION											Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	3.04	CAS																0-3.04m: Casing	
3.04	6	MSH		VFG	MA	1												3.04-6m: Maroon shale with minor green shale; weakly oxidzd, very broken; oxidtn on fracs	
6	17	GSH		VFG	OGY	1												6-17m: Weakly oxidzd green shale with occas limon fracs	
17	18	GSH		VFG	GRG	0											K965127	17-45m: Green grey shale, unoxidzd, w occas veind intervals shown in graphic log and descrbd below; 17-18m: green grey shale;	
18	20	GSH	VN	VFG	GRG	0	PY	1						QLC	3		K965127 K965128	18-20m: Green-grey shale w occas 3% qtz-limon-(sider?)-chlor-py vns; veins are 1-10mm thick, random orientd, appear to be planar, some are semi-massive (~5 cm thick); 5-10% py cubes up 1`mm in size, euhedral, individ or in clusters; vns are light brown;	
20	22.5	GSH		VFG	GRG	0											K965128	20-22.5m: Green-grey shale	
22.5	30	GSH	VN	VFG	GRG	0	GA/TET	1						QC	10		K965129 - K965132	22.5-30m: Stockworked green-grey shale; stockwork veins are qtz>>carb (calcite), white-light grey with minor, dark grey bluish min (freberg?, tetrahed?), vfg, metallic luster; veins range from 0.5-3mm in thickness	
30	42.3	GSH		VFG	GRG	0											K965132 - K965136	30-42.3m: Green-grey shale	
42.3	45	GSH	VN	VFG	GRG	0								QCCL	30		K965137 K965138	42.3-45m: Densely veind green-grey shale with wavy, folded, pinching, convoltd qtz-chlor>>carb vns w no vis minern, 30% vein density, 1-10mm thick veins	
45	46.5	MSH		VFG	MA	0											K965139	45-46.5m: Maroon shale	
46.5	48	MSH	VN	VFG	MA	0								QCL	5		K965139	46.5-48m: Maroon shale w 5% of wh-light orange qtz-lim-chlor vns, 2-20mm thick, convoltd, wavy, curvy w no vis minern	

PROJECT: Plata HOLE_ID: PL11-56 LOGGED BY: _Karin Fecova DATE: __15-16 July 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION	
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE			
48	56.3	MSH		VFG	MA	0												K965140 - K965144	48-56.5m: Maroon shale	
56.3	65	GSH		VFG	GRG	0								QCCL		2		K965145 K965146	56.3-65m: Green grey shale with rare wavy, convoltd qtz-chlor>>carb vns	
65	71.61	MSH		VFG	MA	0													65-71.61m: Maroon shale	
71.61	85.7	GSH		VFG	GRG	0												K965147 - K965149	71.61-85.7m: Green-grey shale	
85.7	87.9	GSH	VN	VFG	GRG	0	PY AS	2 1						QSI		5		K965150	85.7-87.9m: Veind green-grey shale; 1-10mm thick, irreg stockwork qtz-sider-chlor-py-asy? vns w mm's scalefrags of shale inside; w up to 10% 1-2mm py-asy cxls containd w/h vein; veins are wh-light orange;	
87.9	88.9	MSH	VN	VFG	MA	0								QSI		5		K965150	87.9-88.9m: Veind maroon shale, vns as 85.7-87.9m	
88.9	97	MSH		VFG	MA	0												K965151 K965152	88.9-97m: Maroon shale	
97	103.26	GSH		VFG	GRG	0												K965153 - K965155	97-103.26m: Green-grey shale	
103.26	116	MSH		VFG	MA	0												K965155 - K965158	103.26-116m: Maroon shale	
116	118.94	GSH		VFG	GRG	0												K965158	116-118.94m: Green grey shale	
118.94	121.5	QTZ	VN	MG	GY	0	GA/TET	1	SER	PER	3	QZ	30	SER		5	CL	4	K965159 K965160	118.94-121.5m: Veind sandstone/qtzite interbedded w green grey shale; qtz vns are wh; w faded margs, 1-4 mm thick, randomly oriented w no distinct minerzn; weak silicfctn (can be still scratched; it appears veins may contain bluish-greyish, vfg, minor metallic mineral (tetrahed?))

PROJECT: Plata HOLE_ID: PL11-56 LOGGED BY: _Karin Fecova DATE: __15-16 July 2011

LITHOLOGY			MIN			ALTERATION												Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
48	56.3	MSH		VFG	MA	0												K965140 - K965144	48-56.5m: Maroon shale
56.3	65	GSH		VFG	GRG	0								QCCL	2			K965145 K965146	56.3-65m: Green grey shale with rare wavy, convoltd qtz-chlor>>carb vns
65	71.61	MSH		VFG	MA	0													65-71.61m: Maroon shale
71.61	85.7	GSH		VFG	GRG	0												K965147 - K965149	71.61-85.7m: Green-grey shale
85.7	87.9	GSH	VN	VFG	GRG	0	PY AS	2 1						QSI	5			K965150	85.7-87.9m: Veind green-grey shale; 1-10mm thick, irreg stockwork qtz-sider-chlor-py-aspy? vns w mm's scalefrags of shale inside; w up to 10% 1-2mm py-aspy cxls containd w/h vein; veins are wh-light orange;
87.9	88.9	MSH	VN	VFG	MA	0								QSI	5			K965150	87.9-88.9m: Veind maroon shale, vns as 85.7-87.9m
88.9	97	MSH		VFG	MA	0												K965151 K965152	88.9-97m: Maroon shale
97	103.26	GSH		VFG	GRG	0												K965153 - K965155	97-103.26m: Green-grey shale
103.26	116	MSH		VFG	MA	0												K965155 - K965158	103.26-116m: Maroon shale
116	118.94	GSH		VFG	GRG	0												K965158	116-118.94m: Green grey shale
118.94	121.5	QTZ	VN	MG	GY	0	GA/TET	1	SER	PER	3	QZ	30	SER	5	CL	4	K965159 K965160	118.94-121.5m: Veind sandstone/qtzite interbedded w green grey shale; qtz vns are wh; w faded margs, 1-4 mm thick, randomly oriented w no distinct minerzn; weak silicfctn (can be still scratched; it appears veins may contain bluish-greyish, vfg, minor metallic mineral (tetrahed?))

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LITHOLOGY					MIN		ALTERATION											Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
121.5	122.5	GSH		VFG	GRG	0	PY	2						QSI	30			K965160	121.5-132.02m: Green grey shale w a few intercalatd short intervals of black shale; this is the contact zone that can be correlated to "STRUCTURE", densely vnd stockwork of 0.5-10mm thick qtz-sider veins that seem to be cut by lt grey qtz, also of a stockwork appearance; vns in sandstone/qtzite seem to have no relation to qtz vns in shale
122.5	124.5	GSH	VN	VFG	GRG	0	PY	1						QSI	2			K965161	122.5-124.5m: 2% veins ll TCA, one is up to 2 cm wide qtz-py vn with vcg py cxls separetd by qtz; the other one is qtz-sider , 3 mm wide also ll TCA, very irregular vn w minor py cxls
124.5	132.02	GSH	VN	VFG	GRG	0	GA/TET	1						QSI	40			K965161 - K965167	124.5-132.02m: 40% stockwork vns, incl 5% 1cm thick qtz-sider-tetrah vns
132.02	148	BSH					PY GA/TET	3 1						QC	3			K965168 - K965173	132.02-287m: (EOH): Black shale w veind intervals (shown in graphic); mass (20 cm) thick qtz-sider (?)carb-tetrah? (espec. Close to the contact w green shale); vns contain frags of black shale, they are wh-lt yellow w chlortzd margs, wavy, irregular; 132.02-148m: Black shale w occas vnd intervals at 0.5m scale or less
148	151	BSH	VN	VFG	BK	0	PY	1						QC	10			K965173 K965174	148-151m: Veind black shale
151	158.4	BSH	VN	VFG	BK	0	PY	1						QC	50			K965175 - K965179	151-158.4m: Veind black shale w 50% qzt veing includng a massive ~50 cm wide qtz-sider vn, wh-lt orange w frags of black shale incorportd in vn; common are semi-massive 5 cm thick wavy, irreg qtz-sider vns
158.4	171	BSH		VFG	BK	0	PY	1										K965179 - K965181	158.4-171m: Plain black shale

PROJECT: Plata

HOLE_ID: PL11-56

LOGGED BY: _Karin Fecova

DATE: __15-16 July 2011

		LITHOLOGY			MIN			ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
171	175.16	BSH	VN	VFG	BK	0	PY	1						QC	30			K965182 K965183	171-175.16m: Veind black shale w 30% qtz-sider veing, 1-50mm thick veins of stockwork, wh-light yel;low in colour, w frags of black shale, convoltd, irregulr, wavy
175.16	189	BSH		VFG	BK	0	PY	1						QZ	2			K965184 - K965187	175.16-200m: Plain black shale w rare qtz veing; 175.16-189m: Plain black shale
189	191	BSH	VN	VFG	BK	0	PY	1						QC	30			K965187 K965188	189-191m: veind black shale
191	200	BSH		VFG	BK	0	PY	1						QC	3			K965188 - K965194	191-200m: Black shale w occas qtz veing (harline type)
200	205	BSH	VN	VFG	BK	0	PY	1						QC	30			K965194 - K965196	200-205m: Veind black shale; vns are hairline-few mm thick, domint along cleavage planes
205	213	BSH		VFG	BK	0	PY	1						QC	1			K965196 K965197	205-213m: Black shale w rare occas qtz veins
213	217	BSH	VN	VFG	BK	0	PY	1						QC	3			K965198 K965199	213-217m: Veind black shale w occas qtz veing
217	227.5	BSH		VFG	BK	0	PY	1										K965199 K965200	217-227.5m: Plain black shale
227.5	232.12	BSH	VN	VFG	BK	0	PY	1						QC	5			K965201 - K965203	227.5-232.12m: Veind black shale
232.12	237.6	BSH		VFG	BK	0	PY	1										K965204	232.12-237.6m: Plain black shale
237.6	239.22	BSH	VN	VFG	BK	0	PY	1						QC	5			K965205	237.6-239.22m: Veind black shale
239.22	239.55	GG		FMG	BK	0	PY	1										K965205 - K965206	239.22-239.55m: Fault zone w 40% fault gouge+60% frags of black shale
239.55	264.5	BSH		VFG	BK	0	PY	1										K965206 K965207	239.5-264.5m: Plain black shale
264.5	270	BSH	VN	VFG	BK	0	PY	1						QZ	30			K965208 - K965210	264.5-270m: Veind black shale (stockwork like as 274.4-287.43m)
270	274.4	BSH		VFG	BK	0	PY	1										K965210 K965211	270-274.4m: Plain black shale

PROJECT: Plata HOLE_ID: PL11-56 LOGGED BY: _Karin Fecova DATE: __15-16 July 2011

L I T H O L O G Y				M I N				A L T E R A T I O N										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY- FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
274.4	287.43	BSH	VN	VFG	BK	0	PY	1						QZ	30			K965211 - K965218	274.4-287.43m: Veind black shale (stockwork 30% hairline-2mm thick qtz vns & rare 2 cm thick qtz vns, no vis min
287.43	287.43	EOH																	287.43m End of hole (EOH)

PROJECT: Plata

HOLE_ID: PL11-56

SAMPLED BY: _Karin Fecova

DATE: __15-16 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965127	17.71	18.81	1.1	HC		<0.05	<5	<1	<50	1430	4.19	<20	90
K965128	18.81	22.86	4.05	HC		<0.05	<5	<1	<50	1630	4.11	<20	60
K965129	22.86	25.29	2.43	HC		<0.05	<5	<1	<50	1380	3.51	30	70
K965130	25.29	27.03	1.74	HC		<0.05	<5	1	<50	2340	6.14	40	100
K965131	27.03	29.57	2.54	HC		<0.05	<5	1	<50	1250	4.35	40	100
K965132	29.57	30.17	0.6	HC		<0.05	<5	<1	<50	1390	5.01	60	130
K965133	30.17	31.04	0.87	QC		<0.05	30	<1	<50	1230	4.56	<20	80
K965134	30.17	31.04	0.87	QC	Duplicate of K965133	<0.05	<5	<1	<50	1230	4.32	<20	80
K965135	33.22	34.73	1.51	HC		<0.05	<5	<1	<50	1200	4.92	50	110
K965136	39.61	40.48	0.87	HC		<0.05	<5	1	<50	970	3.95	100	90
K965137	42.4	43.63	1.23	HC		<0.05	<5	<1	<50	2660	4.74	<20	100
K965138	44.08	44.76	0.68	HC		<0.05	<5	<1	<50	1600	3.63	<20	90
K965139	46.31	48	1.69	HC		<0.05	<5	<1	<50	1710	4.86	<20	90
K965140	48.53	49.03	0.5	HC		<0.05	<5	<1	<50	1310	3.82	<20	110
K965141	50.08	51.21	1.13	HC		<0.05	<5	<1	<50	2640	5.17	<20	120
K965142	53.31	55.34	2.03	HC		<0.05	<5	<1	<50	3350	5.01	<20	110
K965143					Standard (CDN-ME-12)	0.41	52	52	120	520	4.87	2200	2750
K965144					Blank	<0.05	<5	<1	<50	<50	0.5	<20	<20
K965145	58.75	59.47	0.72	HC		<0.05	<5	2	<50	16850	6.1	110	140
K965146	61.82	63.2	1.38	HC		<0.05	<5	<1	<50	1580	4.56	<20	120
K965147	78.38	80.38	2	HC		<0.05	<5	<1	<50	1360	5.6	<20	90
K965148	80.38	82.3	1.92	HC		<0.05	<5	1	<50	1300	4.26	<20	110
K965149	82.3	84.71	2.41	HC		<0.05	<5	<1	<50	1480	3.88	<20	80
K965150	86.05	88.79	2.74	HC		<0.05	<5	<1	<50	2240	5.73	<20	110
K965151	93.63	94.15	0.52	QC		<0.05	<5	1	<50	1720	4.86	<20	110
K965152	93.63	94.15	0.52	QC	Duplicate of K965151	<0.05	<5	<1	<50	1680	4.93	<20	110
K965153	99.54	100.11	0.57	HC		<0.05	<5	<1	<50	1780	3.88	<20	100
K965154	101.83	102.76	0.93	HC		<0.05	<5	<1	<50	1470	4.77	<20	150
K965155	102.76	104	1.24	HC		<0.05	<5	<1	<50	2670	4.8	<20	90
K965156	108.75	109.73	0.98	HC		<0.05	<5	<1	<50	2150	5.11	<20	120
K965157	112.78	113.48	0.7	HC		<0.05	<5	<1	<50	2340	4.84	<20	90

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HOLE_ID: PL11-56

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DATE: __15-16 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965158	115.82	117.81	1.99	HC		<0.05	<5	<1	<50	4750	4.58	<20	110
K965159	118.97	120.15	1.18	HC		<0.05	<5	<1	<50	1950	2.77	<20	60
K965160	120.28	121.92	1.64	HC		<0.05	<5	<1	<50	3050	3.98	<20	90
K965161	121.92	124.64	2.72	HC		<0.05	<5	1	60	8830	5.77	<20	90
K965162	124.64	126.6	1.96	HC		0.74	39	36	13700	2280	8.09	8550	7030
K965163	126.6	128.93	2.33	HC		<0.05	<5	1	1710	5260	3.92	190	60
K965164	128.93	131.14	2.21	HC		0.07	<5	<1	630	5650	4.65	20	180
K965165	131.14	132.02	0.88	HC		<0.05	10	5	1460	3830	5.92	1000	1820
K965166					Standard (CDN-GS-5G)	4.93	108	102	110	4060	3.37	950	3120
K965167					Blank	<0.05	<5	<1	<50	50	0.55	<20	80
K965168	132.02	134.25	2.23	HC		<0.05	5	3	90	3480	2.36	60	930
K965169	134.65	135.2	0.55	HC		<0.05	<5	<1	70	11300	2.43	<20	230
K965170	139.75	140.45	0.7	HC		<0.05	<5	1	80	11100	1.94	<20	160
K965171	143.48	144.2	0.72	HC		<0.05	<5	1	50	4700	4.69	<20	170
K965172	145.2	146.3	1.1	HC		<0.05	<5	<1	60	7710	10.45	<20	140
K965173	147.86	149.4	1.54	HC		<0.05	<5	<1	160	4040	6.06	30	220
K965174	149.68	150.95	1.27	HC		<0.05	<5	<1	130	11100	3.51	<20	250
K965175	151.18	152.5	1.32	HC		<0.05	<5	1	<50	12900	4.29	<20	100
K965176	153.16	155.41	2.25	QC		<0.05	<5	1	<50	9180	3.58	<20	290
K965177	153.16	155.41	2.25	QC	Duplicate of K965176	<0.05	<5	1	50	9330	3.77	<20	110
K965178	155.41	157.53	2.12	HC		<0.05	<5	1	70	11400	4.22	<20	100
K965179	157.53	158.5	0.97	HC		<0.05	<5	1	60	10700	4.08	<20	160
K965180	159.63	160.48	0.85	HC		<0.05	<5	<1	50	11000	3.15	<20	160
K965181	169.49	170.69	1.2	HC		<0.05	<5	<1	50	9570	3.45	20	250
K965182	171.05	172.97	1.92	HC		<0.05	<5	<1	80	9240	4.29	<20	110
K965183	172.97	175.16	2.19	HC		<0.05	11	<1	80	11300	3.65	<20	180
K965184	179.7	180.58	0.88	HC		<0.05	<5	1	<50	9600	3.46	<20	180
K965185	185.28	186.34	1.06	HC		<0.05	8	1	50	2750	4.22	<20	330
K965186	186.64	187.45	0.81	HC		<0.05	8	1	<50	3680	3.03	20	210
K965187	187.45	189.44	1.99	HC		<0.05	<5	1	<50	4620	4.09	<20	160
K965188	189.44	192.14	2.7	HC		<0.05	<5	<1	<50	5330	4.59	20	130

PROJECT: Plata

HOLE_ID: PL11-56

SAMPLED BY: _Karin Fecova

DATE: __15-16 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965189	192.85	194.43	1.58	HC		<0.05	6	1	<50	3410	3.07	<20	190
K965190	195.15	196	0.85	HC		<0.05	<5	1	<50	10800	3.25	<20	160
K965191					Standard (CDN-ME-17)	0.69	35	38	140	310	18.8	6500	72500
K965192					Blank	<0.05	<5	1	<50	50	0.52	<20	60
K965193	197.37	199.64	2.27	HC		<0.05	<5	<1	60	8780	3.08	<20	150
K965194	199.97	202.64	2.67	HC		<0.05	<5	1	50	4920	5.12	<20	140
K965195	202.64	204.73	2.09	HC		<0.05	<5	<1	50	3810	4.65	<20	140
K965196	204.89	206.66	1.77	HC		<0.05	<5	1	50	3000	4.74	<20	120
K965197	208.07	209.87	1.8	HC		<0.05	<5	<1	50	3900	4.53	<20	140
K965198	214.22	215.89	1.67	HC		<0.05	<5	1	100	2770	4.29	<20	130
K965199	216.77	217.78	1.01	HC		<0.05	5	1	50	3690	3.83	30	190
K965200	221.28	222.16	0.88	HC		<0.05	<5	1	60	3370	3.35	<20	150
K965201	227.68	229.9	2.22	HC		<0.05	6	<1	<50	3420	4.85	20	170
K965202	229.9	232.12	2.22	QC		<0.05	6	1	<50	3340	4.27	20	150
K965203	229.9	232.12	2.22	QC	Duplicate of K965202	<0.05	<5	<1	<50	3110	4.59	<20	150
K965204	234.27	235.65	1.38	HC		<0.05	<5	<1	<50	2990	3.03	<20	210
K965205	237.64	239.31	1.67	HC		<0.05	<5	<1	<50	3450	3.9	<20	190
K965206	239.31	241.09	1.78	HC		<0.05	<5	1	<50	2860	4.16	<20	180
K965207	254.85	256.68	1.83	HC		<0.05	<5	<1	<50	4100	7.23	<20	160
K965208	264.7	266.19	1.49	HC		<0.05	5	<1	<50	3650	3.74	<20	210
K965209	267.8	268.82	1.02	HC		<0.05	<5	1	<50	6870	1.86	<20	150
K965210	269.65	270.54	0.89	HC		<0.05	5	1	<50	3450	2.37	<20	70
K965211	273.47	275.53	2.06	HC		<0.05	<5	2	<50	4160	1.58	20	50
K965212	275.53	277.83	2.3	HC		<0.05	<5	3	<50	2990	0.87	<20	60
K965213	277.83	279.56	1.73	HC		0.11	<5	1	<50	3260	1.03	20	50
K965214					Standard (CDN-ME-12)	0.36	64	53	110	490	4.45	2100	2670
K965215					Blank	<0.05	<5	1	<50	130	0.44	<20	<20
K965216	279.56	281.76	2.2	HC		<0.05	<5	<1	<50	4290	1.37	<20	40
K965217	281.76	283.6	1.84	HC		<0.05	<5	<1	<50	7180	1.73	<20	80
K965218	283.6	287.43	3.83	HC		<0.05	<5	3	<50	1190	3.3	30	200

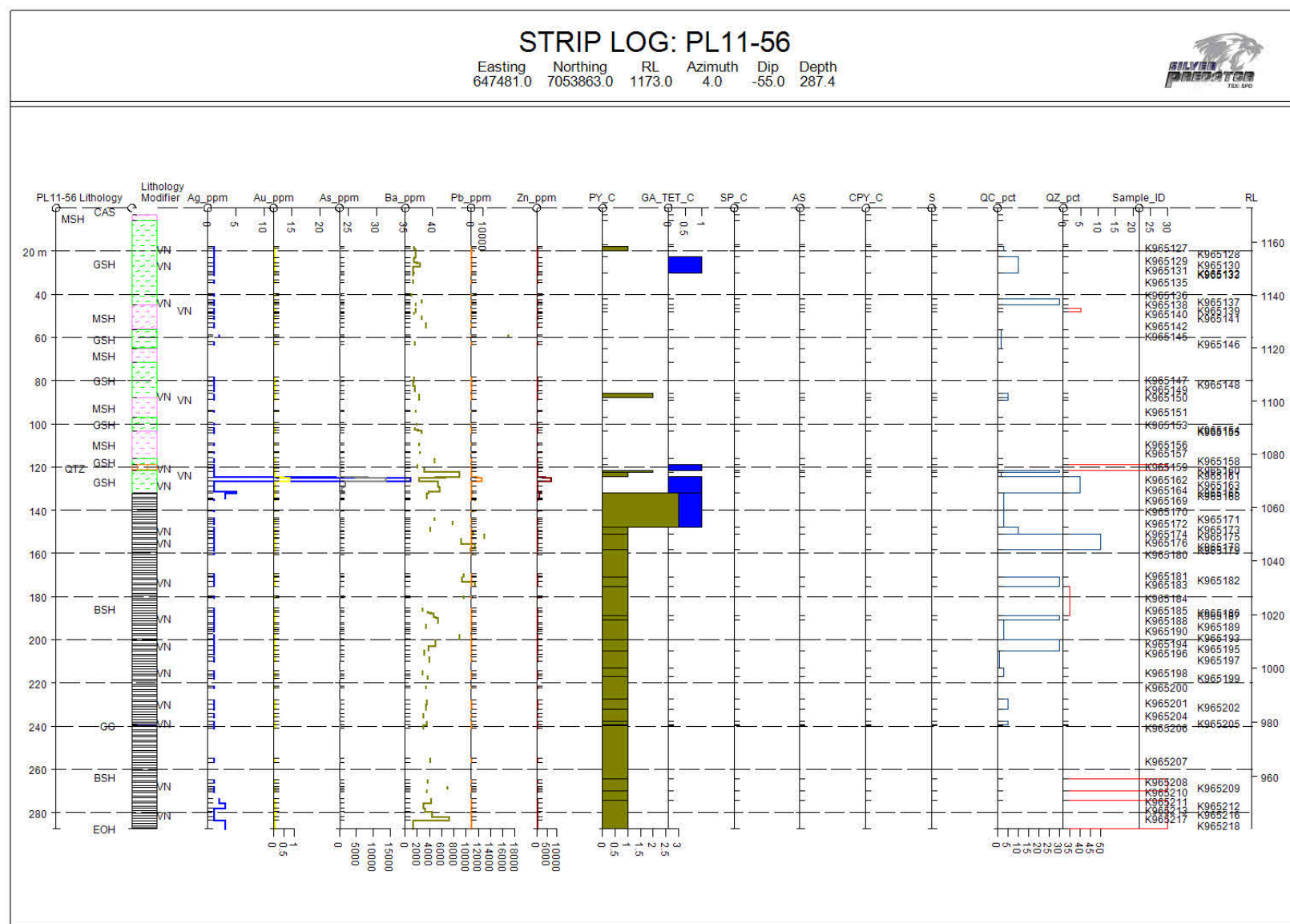


Figure 3. Strip log PL11-56. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the "CODE LEGEND" for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-57

PROJECT: Plata

PROSPECT: Aho

PROJECT CODE: PL

TARGET: Area between P4 and P3 vein

START DATE / TIME: 16-Jul-11

FINISH DATE / TIME: 18-Jul-11

LOGGED BY: Karin Fecova

DATE: July 18-19, 2011

NAD83-8N UTM E: 647284

NAD83-8N UTM N: 7053768

ELEVATION (M): 1222

HOLE DIP: -55

HOLE AZIMUTH: 4

TOTAL LENGTH: 224.33

HOLE TYPE: DD

CORE SIZE: NTW

CASING DEPTH (M): 18.24

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: Yes, but no measurements available

BOTTOM LINE at the bottom of the core

TOOL TYPE: ACT-II

SAMPLES: K965219 - K965288

70 samples

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Shawn Ladret

DRILLHOLE SUMMARY

FROM / TO (M):

0-10.66

10.66-12

12-15

15-21.3

21.3-195.3

195.3-204

204-224.33

224.3

Overburden

Fault/Fracture zone

Brown and grey quartzite

Fault/Fracture zone

Green-grey shale with multiple veined and maroon subintervals

Densely veined (20%) green-grey shale, which could be the equivalent of the structure

Black shale with multiple veined subintervals

End of hole

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
DH SURVEYED (Y/N):	Y	41.5	3
DH SURVEYED BY:	Jose Perez	117.7	3
DH SURVEY TOOL:	Multiple sho	224.3	5

PROJECT: Plata HOLE_ID: PL11-57 LOGGED BY: _Karin Fecova DATE: __18-19 July 2011

		LITHOLOGY				MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	10.66	OVb																	0-10.66m: Overbuden; 0-18.28m: Casing
10.66	12	GG		FMG	MA	0													10.66-12m: Fault/fracture zone? With 70% vfg matrix (fault gouge?), 30% fcg frags of maroon shale, no vis minerztn
12	15	QTZ	VN	MG	BGY	0						QZ	10					K965219	12-15m: Brown and grey quartzite/sandstone w ~10% wh, diffuse, random orientd network of planar vns, 1-3mm thick, qtz vns are fmg, minor carb, occas Feox margs, no vis minerztn
15	21.3	GG		FMG	MA	0													15-21.3m: Fault/fracture zone? With 70% vfg matrix (fault gouge?), 30% fcg frags of maroon shale, no vis minerztn
21.3	24	MSH		VFG	MA	0						QLC	1					K965220 K965221	21.3-24m: Dominantly maroon shale w patches of green shale; rare qtz-chlor-lim-carb, semi-mass (~2 cm thick), fmg, convoltd, discont vns w no vis minerzn
24	37.85	GSH		VFG	GRG	0						QSI	2					K965221 - K965225	24-37.85m: Green grey shale w occas qtz-sider+/-lim+/-chlor veing; vns range hairline-10mm thick, wh-lt orang, convoltd, planar, zig-zag, +/- frags of shale; random orientd, no vis minerztn; a few subintervals of strongly chloritzd qtz veind+/- sericite shale; a few subintervals w 20% fg brownish biotite; vns are fmg, 36-37.85m: maroon shale bed
37.85	40.51	GSH	VN	VFG	GRG	0						QZ	10					K965225 K965226	37.85-40.51m: Veind (10%) green-grey shale w diss biotite subunits-all includng veing as in 24-37.85m
40.51	42.3	MSH		VFG	MA	0						QZ	1					K965227	40.51-42.3m: Maroon shale w rare qtz vein

PROJECT: Plata HOLE_ID: PL11-57 LOGGED BY: _Karin Fecova DATE: __18-19 July 2011

LITHOLOGY					MIN		ALTERATION											Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
42.3	45.8	GSH		VFG	GRG	0												K965228	42.3-45.8m: Green-grey shale, relatively plain, no veing, no vis minerztn
45.8	59.1	MSH		VFG	MA	0												K965229	45.8-59.1m: Plain maroon shale w occas patches/bands of green shale
59.1	66.6	GSH	VN	VFG	GRG	0						QCCL	30					K965230 - K965233	59.1-66.6m: Veined green-grey shale w 30% qtz-chlor-sider veing as in 24-37.85m w cm's scale
66.6	86.7	GSH	VN	VFG	GRG	0	GA/TET	1				QCL	2					K965234 - K965241	66.6-86.7m: Green-grey shale (claystone->shale) w occas qtz-chlor vns w 3% 1-2mm tetrah?freib?(silvery-grey-bluish) cxl's dissemd in vn; vns are wh, fmg, grained, randomly orientd, 2-20mm thick, irregular chlor margs; these qtz-chlor vns are occas present over the entire interval, but freib cannot be seen from 83m on; 83.07-86.7m: Green-gray shale w banded texture caused by intercalating 1-2 cm thick green mudstone beds, grey siltstone/sandstone beds, very rare qtz-carb veing w no vis minerzn
86.7	89.5	GSH	VN	VFG	GRG	0	PY	2				QCCL	5					K965242	86.7-89.5m: Green-grey shale w banded texture as 83.07-86.7m, w 5% qtz-py-chlor>carb vns: 1-10mm thick, covolted, random orientd, irreg margs, sharp contacts; py forms mm scale euhedr cxls, individ or in clusters; 5% vns, they are wh and fmg
89.5	94.7	GSH		VFG	GRG	0												K965243 K965244	89.5-94.7m: Green-grey shale as 83.07-86.7m
94.7	96.2	GSH	VN	VFG	GRG	0	PY	1				QZ	10					K965244 K965245	94.7-96.2m: Green-grey shale as 86.7-89.5m, veind (10%), except no or minor py
96.2	102.5	GSH		VFG	GRG	0												K965245 - K965249	96.2-102.5m: Green-grey shale as 83.07-86.7m

PROJECT: Plata

HOLE_ID: PL11-57

LOGGED BY: _Karin Fecova

DATE: __18-19 July 2011

		LITHOLOGY				MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
102.5	103.5	GSH	VN	VFG	GRG	0	PY	1				QZ	10					K965249	102.5-103.5m: Green-grey shale as 86.7-89.5m veind (10%), except no or minor py
103.5	110.1	GSH		VFG	GRG	0												K965250	103.5-110.1m: Green grey shale as 96.2-102.5m
110.1	112.5	GSH	VN	VFG	GRG	0	PY	1				QZ	10					K965251	110.1-112.5m: Green-grey shale as 86.7-89.5m, veind (10%), except no or minor py
112.5	116.3	MSH		VFG	MA	0													112.5-116.3m: Maroon shale, plain, w a few sandstone interbeds and patchy green shale
116.3	127.4	GSH		VFG	GRG	0	PY	1				QC	1					K965252 - K965259	116.3-127.4m: Plain green-grey shale w 2 vns: 120.18m; 3 cm thick, wh-lt orang, fg qtz vn w minor carb, chlor and no vis minerztn; 120.5-121m: 20 cm thick, mass, wh-lt orange qtz-chlor-py-asy? Vn w distinctive 3 cm in diameter vug filled w 0.5cm long qtz hexagonal prisms; vn is fcg in texture, 2% fg py and aspy, cg calcite also preseent in vugs (scalenohehrons); sulphs are 0.5mm in size, diss in vn and vn selvs
127.4	130.5	GSH	VN	VFG	GRG	0	PY	1				QZ	10					K965259 K965260	127.4-130.5m: Green-grey shale w 10% veing as 86.7-89.5m, except no or minor py
130.5	143.6	GSH		VFG	GRG	0												K965260	130.5-143.6m: Plain green-grey shale as 83.07-86.7m
143.6	145	GSH	VN	VFG	GRG	0						QCSI	15					K965262	143.6-145m: Veind green-grey shale, 10-15% veing, vns are hairline, 1 cm thick, wh-lt orange, fmg, qtz-sider-chlor vns some in form of stockwork, some planar w irregular margs and no vis minerztn

PROJECT: Plata

HOLE_ID: PL11-57

LOGGED BY: _Karin Fecova

DATE: __18-19 July 2011

		LITHOLOGY		MIN			ALTERATION											Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
145	161.5	GSH		VFG	GRG	0	PY AS	21										K965263 - K965266	145-161.5m: Green-grey shale w a few veins, rather interbedded w light light pink subunits of shale; 149.5-149.6m: Mass qtz-chlor-sider-py-aspy? vn w 5% vugs from 2-4mm in diameter, wh-lt orange, fmg, 10% 2 mm py cxls in clusters or individual, some vns planar
161.5	164.5	MSH		VFG	MA	0													161.5-164.5m: Plain maroon shale
164.5	178.2	GSH		VFG	OR	0												K965267 K965268	164.5-178.2m: Plain green-grey shale
178.2	180.2	MSH		VFG	MA	0													178.2-180.2m: Plain maroon shale
180.2	182.7	GSH	VN	VFG	GRG	0												K965269	180.2-182.7m: Veind green-grey shale w 5% of qtz-chlor-carb vns w no vis minerztn
182.7	185	GSH		VFG	GRG	0												K965270	182.7-185m: Green-grey shale, plain
185	187	GSH	VN	VFG	GRG	0												K965270	185-187m: Green-grey shale interbedded w 10's cm scale grey qtzite/sandstone beds w 30% qtz veing w no vis minerztn
187	195.3	GSH		VFG	GRG	0												K965271 - K965273	187-195.3m: Plain green-gray shale
195.3	200	GSH	VN	VFG	GRG	0												K965273 K965274	195.3-204m: "Contact zone" typical by abundant hairline veing in green-grey shale at the contact with black shale; these vns are qtz-chlor>>carb vns that resemble cataclastic, slightly sheard texture, no vis minerztn
200	205	GSH		VFG	GRG	0												K965275 - K965277	200-205m: Green-grey shale intercalatd w black shale, locally densely veind by hairline-2mm qtz, slightly sheard, resembling weakly sheard tectonic breccia(w small frags at mm scale)

PROJECT: Plata

HOLE_ID: PL11-57

LOGGED BY: _Karin Fecova

DATE: __18-19 July 2011

		LITHOLOGY				MIN			ALTERATION									Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
205	213	BSH		VFG	BK	0	PY	1				QSI	2					K965277 - K965282	205-213m: Black shale w occas 2% qtz-carb-sider, 2-4mm thick, planar vns; no vis mineraztn, vns are wh, fmg and random orietn
213	218	BSH	VN	VFG	BK	0	PY	1				QSI	10					K965282 - K965285	213-218m: Black shale-veind, w 10% qtz-sider vn, wh, fmg, 2-10mm thick, planar, random orietnd, cross-cutting each other, no wis minerztn
218	224.33	BSH		VFG	BK	0	PY	1				QSI	2					K965286 - K965288	218-224.33m: Black shale w occas 2% qtz-sider vns as 213-218m
224.33	224.33	EOH																	224.33m: End of hole (EOH)

PROJECT: Plata

HOLE_ID: PL11-57

SAMPLED BY: _Karin Fecova

DATE: __18-19 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965219	12.51	14.8	2.29	HC		<0.05	<5	1	<50	1350	3.5	<20	80
K965220	23	23.52	0.52	HC		<0.05	<5	<1	<50	1030	3.63	<20	110
K965221	23.88	26.13	2.25	HC		<0.05	<5	<1	<50	1170	4.6	<20	130
K965222	26.13	27.43	1.3	HC		<0.05	<5	1	<50	1290	4.81	<20	110
K965223	28	30.28	2.28	HC		<0.05	<5	<1	<50	1310	4.69	<20	90
K965224	30.72	31.48	0.76	HC		<0.05	<5	<1	<50	1060	4.87	<20	100
K965225	37.7	39.53	1.83	HC		<0.05	<5	<1	<50	1350	5.03	<20	120
K965226	39.91	40.51	0.6	HC		<0.05	<5	<1	<50	1500	4.38	<20	110
K965227	41.18	42.31	1.13	HC		<0.05	<5	<1	<50	1810	4.33	<20	100
K965228	43.01	43.57	0.56	HC		<0.05	<5	<1	<50	1840	5.18	<20	130
K965229	57	58.29	1.29	HC		<0.05	<5	<1	<50	1570	4.47	<20	90
K965230	59.4	60.08	0.68	HC		<0.05	<5	<1	<50	2270	4.34	<20	80
K965231	60.95	63.4	2.45	HC		<0.05	<5	<1	<50	1430	5.9	<20	90
K965232	63.85	65.03	1.18	HC		<0.05	<5	<1	60	1810	5.05	<20	90
K965233	65.15	66.65	1.5	HC		<0.05	<5	1	<50	870	7.16	<20	130
K965234	67.66	68.65	0.99	HC		<0.05	<5	<1	70	1330	1.49	20	40
K965235					Standard (CDN-ME-12)	0.31	50	55	100	540	4.99	2180	2810
K965236					Blank	<0.05	<5	1	<50	<50	0.53	<20	20
K965237	70.63	72.52	1.89	HC		<0.05	<5	1	50	1090	4.72	30	90
K965238	74.93	75.61	0.68	HC		<0.05	<5	1	<50	1590	4.85	<20	110
K965239	78.75	79.86	1.11	HC		<0.05	<5	1	<50	1020	5.72	80	80
K965240	80.36	81.92	1.56	HC		<0.05	<5	<1	<50	1110	5.65	290	110
K965241	82.36	82.92	0.56	HC		<0.05	<5	<1	<50	990	5.87	70	100
K965242	87.47	89.54	2.07	HC		<0.05	<5	<1	<50	1280	5.3	<20	170
K965243	91.42	92.7	1.28	HC		<0.05	<5	<1	<50	1290	5.16	<20	100
K965244	94.13	95.64	1.51	HC		<0.05	<5	<1	<50	1130	5.68	<20	90
K965245	96	96.88	0.88	QC		<0.05	<5	<1	<50	1280	4.66	<20	90
K965246	96	96.88	0.88	QC	Duplicate of K965245	<0.05	<5	1	<50	1250	4.94	20	90
K965247	98.05	99.03	0.98	HC		<0.05	9	<1	<50	2160	3.75	<20	120
K965248	100	100.61	0.61	HC		<0.05	8	1	<50	1730	4.97	<20	130
K965249	102.36	103.97	1.61	HC		<0.05	8	<1	<50	1160	4.62	<20	100

PROJECT: Plata

HOLE_ID: PL11-57

SAMPLED BY: _Karin Fecova

DATE: __18-19 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965250	104.53	106.03	1.5	HC		<0.05	5	<1	<50	1120	4.03	<20	90
K965251	111.23	113.08	1.85	HC		<0.05	6	<1	<50	1600	5.05	<20	130
K965252	117.76	118.64	0.88	HC		<0.05	<5	<1	<50	1410	3.99	<20	90
K965253	119.31	120.09	0.78	HC		<0.05	6	<1	<50	1160	2.97	<20	60
K965254	120.49	121.64	1.15	HC		<0.05	<5	<1	<50	1300	9.27	<20	80
K965255	122.12	123.15	1.03	HC		<0.05	<5	<1	<50	2100	4.17	<20	90
K965256	125.51	125.53	0.02	HC		<0.05	9	<1	<50	1800	4.52	<20	100
K965257					Standard (CDN-GS-5G)	4.76	100	102	110	6610	3.2	910	3000
K965258					Blank	<0.05	<5	<1	<50	<50	0.54	<20	20
K965259	126.86	128.9	2.04	HC		<0.05	<5	1	<50	1480	4.82	<20	80
K965260	129.42	131	1.58	HC		<0.05	<5	<1	<50	1640	5.51	<20	80
K965261	137.73	139.21	1.48	HC		<0.05	9	<1	<50	1460	4.19	30	80
K965262	143.56	145.52	1.96	HC		<0.05	<5	<1	<50	1450	4.37	<20	110
K965263	145.52	147.5	1.98	HC		<0.05	<5	<1	<50	1890	5.2	<20	100
K965264	148.73	149.66	0.93	HC		<0.05	<5	<1	920	2360	4	<20	50
K965265	152.29	153.35	1.06	HC		<0.05	<5	<1	<50	1590	3.73	<20	70
K965266	154.3	154.8	0.5	HC		<0.05	<5	<1	<50	1660	5.57	<20	80
K965267	169.9	170.45	0.55	QC		<0.05	<5	<1	<50	1530	4.43	<20	130
K965268	169.9	170.45	0.55	QC	Duplicate of K965267	<0.05	14	<1	<50	1480	4.27	<20	120
K965269	181.04	182.79	1.75	HC		<0.05	5	<1	<50	2120	4.87	<20	110
K965270	184.76	186.91	2.15	HC		<0.05	9	<1	<50	1650	4.1	20	90
K965271	187.14	187.78	0.64	HC		<0.05	7	<1	70	1830	4.77	40	80
K965272	192.81	193.35	0.54	HC		<0.05	5	<1	<50	1200	4.79	20	70
K965273	195.2	196.55	1.35	HC		<0.05	<5	<1	<50	2120	5.19	50	120
K965274	196.55	198.86	2.31	HC		<0.05	7	<1	60	2010	5.51	20	100
K965275	200.32	201.27	0.95	HC		<0.05	<5	<1	90	2460	4.63	<20	110
K965276	202.8	204.73	1.93	HC		<0.05	<5	<1	100	4390	4.36	20	130
K965277	204.73	206.6	1.87	HC		<0.05	<5	2	380	6730	6.8	190	240
K965278	207.01	208.26	1.25	HC		<0.05	<5	<1	90	6650	2.96	20	260
K965279	209.09	211.61	2.52	HC		<0.05	<5	<1	70	5680	6.4	<20	200

PROJECT: Plata

HOLE_ID: PL11-57

SAMPLED BY: _Karin Fecova

DATE: __18-19 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965280					Standard (CDN-ME-17)	0.46	37	40	140	320	19.4	6650	75800
K965281					Blank	<0.05	<5	1	<50	<50	0.55	<20	90
K965282	212.2	213.51	1.31	HC		<0.05	<5	<1	60	4540	4.61	<20	180
K965283	213.51	215.46	1.95	HC		<0.05	<5	<1	70	3710	3.97	<20	170
K965284	215.46	216.78	1.32	HC		<0.05	<5	1	80	4330	4.84	20	190
K965285	216.93	217.8	0.87	HC		<0.05	<5	<1	80	4910	4.11	<20	130
K965286	219.64	220.2	0.56	HC		<0.05	<5	1	90	6070	4.43	30	200
K965287	220.55	221	0.45	HC		<0.05	<5	<1	70	6960	2.68	<20	360
K965288	222.04	222.77	0.73	HC		<0.05	<5	1	50	7080	5.56	30	190

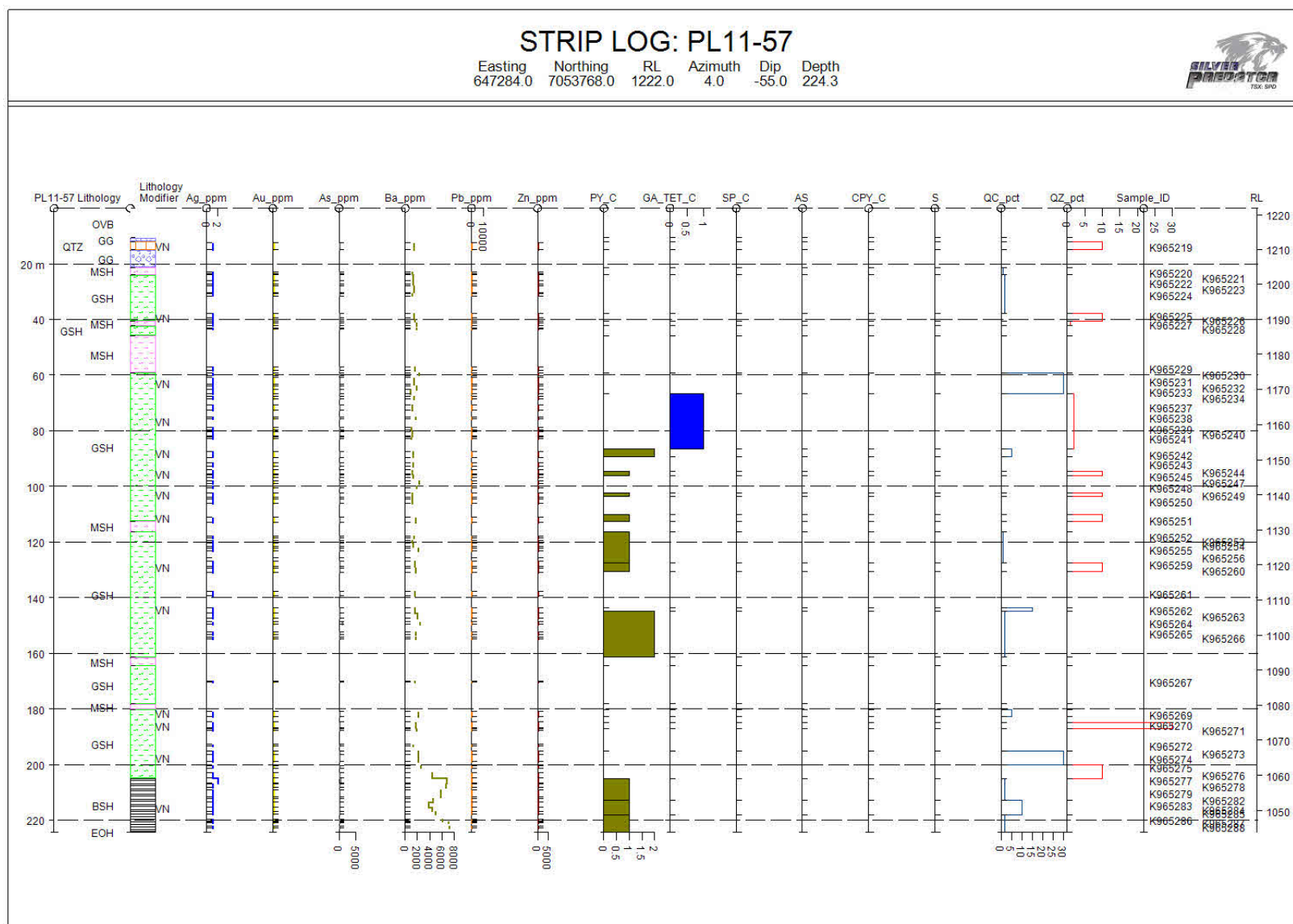


Figure 4. Strip log PL11-57. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-58

PROJECT: Plata

PROSPECT: Aho

PROJECT CODE: PL

TARGET: Area between P4 and P3 vein

START DATE / TIME: 19-Jul-11

FINISH DATE / TIME: 23-Jul-11

LOGGED BY: Karin Fecova/ Erin O'Brien

DATE: July 21-23, 2011

NAD83-8N UTM E: 647486

NAD83-8N UTM N: 7053642

ELEVATION (M): 1166

HOLE DIP: -55

HOLE AZIMUTH: 15

TOTAL LENGTH: 244.14

HOLE TYPE: DD

CORE SIZE: NTW

CASING DEPTH (M): 28.9

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: Y

BOTTOM LINE: at the bottom of the core

TOOL TYPE: ACT-II

SAMPLES: K965289 - K965360

72 samples

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Shawn Ladret

DRILLHOLE SUMMARY

FROM / TO (M):

0 - 13.72

13.72 - 47.0

61.0 - 182.5

182.5 - 195.65

195.65 - 203.3

203.3 - 221.7

221.7 - 222.4

222.4 - 226.7

226.7 - 230.4

230.4 - 234.4

234.4 - 244.14

244.14

Overburden

Quartzite, very poor recovery with up to 10% quartz-carbonate veining.

Green shale with up to 5% quartz-carbonate veins locally with a trace grey unknown sulphide in short veinlets

Green and maroon shale with variable quartz-carbonate veining

Green shale with minor veining

Green shale with 5% quartz-minor siderite veins, up to 1% pyrite and trace grey unknown sulph; last 30 cm of unit have marked increase of sulphides; veins folded

Massive quartz-carbonate vein locally vuggy, with semi-massive sulphides; sulphides concentrated in the upper 25 cm of the unit: 3-5% pyrite, 3-5% galena, 2% tetrahedrite, 2% arsenopyrite

Black shale with approximately 35% quartz-minor carbonate veins with minor sulphs

Black shale with rare veining

Black shale with 25% quartz-carbonate veining.

Black shale with rare veining

End of hole

DOWNHOLE SURVEY			
	DEPTH (M)	AZIMUTH	DIP
Y	30.8	17	-55
Jose Perez	152.7	14	-50
Multiple shot	244.1	13	-50

DH SURVEYED (Y/N):

DH SURVEYED BY:

DH SURVEY TOOL:

PROJECT: Plata HOLE_ID: PL11-58 LOGGED BY: _Karin Fecova/Erin O'Brien DATE: __21-23 July 2011

		LITHOLOGY				MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	13.72	OVb																	0-13.72m: Overburden; 0-28.9m: Casing
13.72	47	QTZ	VN	MG	GY	0												K965289 - K965292	13.72-47m: Grey qtzite/sandstone, moderate to hard to scratch w occas qtz vng: 10% wh qtz-minor carb vns, 1-50mm thick, random oriented, irreg margs, sharp contacts, no vis minerztn; the whole interval has a very poor recovery and contains solid pieces of veind qtzite as well as muddy/soliy chunks likely falling from overburden and tectonically brecciated sandstone that easily disintegrates into gouge and fragments at mm scale; no vis mineralztn
47	61.25	GSH		VFG	GRG	0												K965292 - K965295	47-61.25m: Plain grey-green shale w occas 1-2% qtz vns: wh, fmg qtz vns, stockworks at narrow intervals, no vis minertztn
61.25	75	GSH	VN	VFG	GRG	0	GA/TET	1				QZ	10					K965296 - K965304	61.25-75m: Veind green-grey shale w 10% qtz-sider veins w very minor black, bluish sulphs (tertah?, freib?) in hairline fracs of qtz and sider; veins are fcg, irreg margs, random orientd, stockwork or planar, 2-30mm in some cases up to 5-6cm thick, vuggy; a few alpha and beta measuremnts taken on planar type of vns; only a few vns of cm thickness have freib;
75	77	GSH		VFG	GRG	0												K965304	75-77m: Green-grey shale, plain
77	78.3	GSH	VN	VFG	GRG	0												K965305	77-78.3m: Veind green-grey shale, 10% vns as 61.25-75m
78.3	80	GSH		VFG	GRG	0													78.3-80m: Green-grey shale, plain
80	84.7	GSH	VN	VFG	GRG	0												K965306 - K965307	80-84.7m: Veind green-grey shale, 10% vns as 61.25-75m
84.7	103.4	GSH		VFG	GRG	0												K965308 - K965309	84.7-103.4m: green-grey shale, plain with rare quartz vein with no mineralization. Small gouge 103.20 - 103.25 m
103.4	109.5	GSH	VN	VFG	GRG	0						QC QZ	3 2					K965309 - K965313	103.4 - 109.5 m: interbeds of gree-grey shale and grey beds off.g. quartzite up to 50cm wide, but generally 40cm. Multiple generations of veins

PROJECT: Plata HOLE_ID: PL11-58 LOGGED BY: _Karin Fecova/Erin O'Brien DATE: __21-23 July 2011

		LITHOLOGY		MIN		ALTERATION												Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
109.5	121.93	GSH		VFG	GR	0												K965313 - K965315	109.5-121.93m: Green-grey shale
121.93	127.5	GSH	VN	VFG	GRL	1	PY	3				QCS	10					K965316 - K965320	121.93-127.5m: Green-grey shale w 2-3% pyrite and 10% qtz-carb-py vns; 125 - 130.25m: shale has approximately 10% biotite crystal overprint, crystals are 1-3mm and occasional occur in micro veinlets. 126.19m: Small GG.
127.5	127.6	GG																K965320	127.5 - 127.6m: GG followed by highly broken shale and quartz vein
127.6	133.1	GSH	VN	VFG	GRL	1	PY	2				QCS	7					K965320 - K965323	127.6-133.1m (from 125 - 130.25m): shale has approximately 10% biotite crystal overprint, crystals are 1-3mm and occasional occur in micro veinlets. 126.19m: Small GG.; 132.8 - 133.1m: massive QC vein with slicks, slicks are parallel to vein alpha
133.1	133.2	GG																K965323	133.1 - 133.2m: GG following quartz - carbonate vein with slicks
133.2	137.46	GSH		VFG	GRL	1	PY	1				QCS	2						133.2-137.46m: Green-gray shale w 1% py and 2% qtz-carb-py vns
137.46	137.61	GG																	137.46 - 137.61m: GG and broken rock; clay
137.61	151.79	GSH		VFG	GRL	1	PY	1				QCS	1					K965324 K965325	137.61 - 151.79m: Green-grey and maroon shale w few veins. 148.5m: minor maroon whisps. 150.0 - 151.79m: very small gouge at end of unit, with associated quartz - chalcopyrite veins and chlorite alteration
151.79	154.5	GSH		VFG	GR	0												K965325 K965326	151.79-154.5m: Green-gray shale and broken rock.
154.5	158	GSH	VN	VFG	RGR	1	PY	2	S		1							K965327 K965328	154.5-158m: Dominantly maroon, subordinate gree-gray shale; 155.0 - 155.09m: small GG ; 157.5m: QC pyrite vein with trace unknown grey sulphide
158	163	GSH		VFG	GR	0													158.0 - 163.0m: Green shale w minor maroon beds

PROJECT: Plata HOLE_ID: PL11-58 LOGGED BY: _Karin Fecova/Erin O'Brien DATE: __21-23 July 2011

		LITHOLOGY				MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
163	182.15	GSH		VFG	GR	0												K965329	163-182.15: Green shale w 170.6 - 171.15m: weak fault breccia, mainly healed with some floating brecciated quartz veins. 171.15 - 172.5m: highly broken. 176.5 - 177.20m: highly broken. 181.0 - 182.15m: transition from green to maroon shale with 10% biotite overprint.
182.15	191.72	MSH	VN	VFG	MA	0						QCC	3					K965330 - K965335	182.15 - 195.65m: maroon shale with 10 - 15% green shale. Contact between shales is generally wavy and irregular but sometimes occurs in distinct planes. 182.15 - 191.72m: QC veins have chlorite in blebs and selvages and are compressed. 187.0m: small gouge (5 cm)
191.72	195.65	MSH		VFG	MA	0												K965335	191.72-195.65m: Domint maroon shale, subordinate green shale
195.65	199.3	GSH		VFG	RGR							QCC	2						195.65-199.3m: Maroon and green shale w 2% qtz-carb (chlor) vns
199.3	203.3	GSH	VN	VFG	GR		GA/TET	1				QCS	2					K965336 - K965338	199.3 - 203.3m: Green shale w QCS = quartz - siderite - tetrahedrite (?) occurs in hairline, orphaned veinlets, small anhedral crystals and irregular folioform. Tetrahedrite (?) mainly observed in vein at 202.45m which has two orientations $\alpha=25^\circ$ and $\alpha=50^\circ$ ($\alpha=50^\circ$ is parallel to local foliation)
203.3	221.7	GSH	VN	VFG	RGR							QC	5					K965338 - K965351	203.3-221.7m: Green and maroon shale with 5% qtz-carb vns and 2% qtz-carb-sulph vns; 215.0 - 221.7m: trace pyrite locally in QC veins, veins have been compressed
221.7	222.4	VN	BXD	FG	GWH		GA/TET	3	PY	3								K965352	221.7-222.4m: Massive qtz-carb vn; the upper contact with vein is broken. Laminations in upper part of vein are 70° to CA. Pyrite and galena are occurring in massive layers, arsenopyrite and tet (?) are in stringers and veinlets mainly. Slicks on plane just above lower contact and are parallel to contact $\alpha = 50^\circ$, $\beta = 115^\circ$. Massive sulphides occur only in the upper 25 cm of the vein, vein is pitted towards the bottom. AS up to 2%. Tetrahedrite up to 2%

PROJECT: Plata HOLE_ID: PL11-58 LOGGED BY: _Karin Fecova/Erin O'Brien DATE: __21-23 July 2011

LITHOLOGY				MIN				ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
222.4	226.7	BSH	VN	VFG	BK	0						QC	35					K965353 - K965355	222.4-226.7m: Black shale; 222.5m: just after vein are slicks at $\alpha = 55^\circ$, $\beta = 140^\circ$. 222.4 - 226.7m: Highly veined 30-40% QC irregular and compressional pattern
226.7	230.4	BSH		VFG	BK	0												K965355 - K965358	226.7-230.4m: Black shale
230.4	234.4	BSH	VN	VFG	BK	0						QC	25					K965358 - K965360	230.4 - 234.4:m Black shale with highly veined 25-30% QC
234.4	244.14	BSH		VFG	BK	0												K965360	234.4-244.14m: Blach shale with a few slick locations
244.14	244.14	EOH																	244.14m: End of Hole (E.O.H.)

PROJECT: Plata HOLE_ID: PL11-58 SAMPLED BY: _Karin Fecova/Erin O'Brien DATE: __21-23 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965289	13.72	15.65	1.93	HC		0.025	2.5	25	630	2	20	40
K965290	20.15	22.86	2.71	HC		0.025	2.5	25	620	4.440000057	40	70
K965291	26.52	27.75	1.23	HC		0.025	2.5	25	350	1.320000052	20	20
K965292	46.18	47.45	1.27	HC		0.025	2.5	25	870	4.75	30	130
K965293	49.25	50.3	1.05	HC		0.025	2.5	25	950	4.349999905	20	120
K965294	52.85	53.21	0.36	HC		0.025	2.5	25	1570	4.559999943	30	150
K965295	58.37	58.9	0.53	HC		0.025	2.5	25	990	5.059999943	10	120
K965296	61.23	61.83	0.6	HC		0.025	2.5	25	1200	4.679999828	10	190
K965297	62.3	62.8	0.5	HC		0.025	2.5	25	900	4.570000172	10	150
K965298	63.08	63.7	0.62	HC		0.025	2.5	25	1510	6.409999847	30	180
K965299	64.83	66.36	1.53	HC		0.025	2.5	25	670	4.579999924	30	100
K965300	67.5	69.08	1.58	HC		0.025	2.5	25	1890	4.949999809	20	100
K965301	69.16	71.18	2.02	HC		0.025	2.5	25	1490	4.139999866	20	110
K965302					Standard (CDN - GS - 5G)	4.929999828	84	80	6270	3.279999971	940	3090
K965303					Blank	0.025	2.5	25	25	0.519999981	10	10
K965304	74.35	76.34	1.99	HC		0.025	2.5	25	1580	5.019999981	20	100
K965305	77.24	78.46	1.22	HC		0.025	2.5	25	890	4.329999924	20	120
K965306	80.02	81.56	1.54	HC		0.025	2.5	25	1580	5.059999943	20	110
K965307	82.61	84.37	1.76	HC		0.025	2.5	25	1870	5.730000019	20	170
K965308	101.28	102.68	1.4	HC		0.025	2.5	25	1400	5.389999866	60	140
K965309	102.91	104.82	1.91	HC		0.025	2.5	60	1370	4.510000229	30	80
K965310	104.82	106	1.18	HC		0.025	2.5	25	1390	4.579999924	40	70
K965311	106	107.7	1.7	HC		0.025	2.5	80	1550	5.380000114	20	70
K965312	107.7	109.2	1.5	HC		0.025	2.5	80	1530	4.429999828	10	60
K965313	109.2	110.8	1.6	QC		0.025	2.5	60	2150	3.660000086	20	70
K965314	109.2	110.8	1.6	QC	Duplicate of K965313	0.025	2.5	90	2100	3.910000086	20	70
K965315	110.8	112.35	1.55	HC		0.025	2.5	25	1880	4.880000114	20	90
K965316	121.93	122.95	1.02	HC		0.025	2.5	25	1800	4.230000019	10	90
K965317	122.95	124	1.05	HC		0.025	2.5	25	1580	8.020000458	30	140
K965318	124	125.38	1.38	HC		0.025	2.5	25	2370	5.690000057	20	80
K965319	125.38	126.9	1.52	HC		0.025	2.5	25	2440	4.659999847	10	60

PROJECT: Plata

HOLE_ID: PL11-58

SAMPLED BY: _Karin Fecova/Erin O'Brien

DATE: __21-23 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965320	126.9	128.4	1.5	HC		0.025	2.5	25	2200	6.309999943	10	90
K965321	128.4	129.9	1.5	HC		0.025	2.5	25	2440	5.260000229	10	60
K965322	129.9	131.4	1.5	HC		0.025	2.5	25	2230	4.75	20	60
K965323	131.4	133.2	1.8	HC		0.025	2.5	25	1790	6.010000229	10	60
K965324	150	151	1	HC		0.025	2.5	25	2260	4.619999886	10	90
K965325	151	152.2	1.2	HC		0.025	2.5	25	1710	4.269999981	30	110
K965326					Standard (CDN-ME-12)	0.400000006	50	80	550	4.909999847	2150	2770
K965327	154.5	156.25	1.75	HC		0.025	2.5	25	1970	4.360000134	10	80
K965328	156.25	158	1.75	HC		0.025	2.5	25	2000	5.739999771	10	110
K965329	170.6	172	1.4	HC		0.025	2.5	25	1370	5.46999979	20	170
K965330	183.9	185.4	1.5	HC		0.025	2.5	25	1670	4.989999771	10	110
K965331	185.4	186.9	1.5	HC		0.025	2.5	25	1800	4.860000134	10	90
K965332	186.9	188.4	1.5	HC		0.025	2.5	25	1640	4.150000095	10	80
K965333	188.4	189.9	1.5	HC		0.025	2.5	25	1980	4.829999924	10	80
K965334	189.9	191.4	1.49	HC		0.025	2.5	25	2200	5.360000134	10	90
K965335	191.4	192.9	1.5	HC		0.025	2.5	25	2510	4.679999828	10	70
K965336	200	201.5	1.5	HC		0.025	7	25	4230	5.079999924	10	60
K965337	201.5	203	1.5	HC		0.025	2.5	380	4800	4.289999962	50	80
K965338	203	204.5	1.5	HC		0.025	2.5	25	5090	6.25	10	90
K965339	204.5	206	1.5	HC		0.025	2.5	25	4670	6.289999962	10	100
K965340	206	207.5	1.5	HC		0.025	2.5	25	3860	5.159999847	10	80
K965341					Blank	0.025	2.5	25	25	0.49000001	10	10
K965342	207.5	209	1.5	HC		0.025	2.5	25	3840	4.78000021	10	70
K965343	209	210.5	1.5	HC		0.025	2.5	25	3820	5.28000021	10	90
K965344	210.5	212	1.5	HC		0.025	2.5	25	4030	5.320000172	10	100
K965345	212	213.35	1.35	HC		0.025	2.5	25	3690	4.960000038	10	60
K965346	213.35	215	1.65	HC		0.025	2.5	70	4930	5.769999981	10	70
K965347	215	216.85	1.85	HC		0.025	2.5	25	3880	4.650000095	10	60
K965348	216.85	218.5	1.65	HC		0.025	2.5	25	4690	5.150000095	10	90
K965349	218.5	220.15	1.65	HC		0.025	2.5	25	6270	5.53000021	10	230

PROJECT: Plata

HOLE_ID: PL11-58

SAMPLED BY: _Karin Fecova/Erin O'Brien

DATE: __21-23 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965350	220.15	221.75	1.6	QC		0.025	2.5	470	7970	4.800000191	220	250
K965351	220.15	221.75	1.6	QC	Duplicate of K965350	0.025	2.5	440	8140	4.980000019	220	430
K965352	221.75	222.5	0.75	HC		0.889999986	38	30000	4280	6.650000095	11300	16050
K965353	222.5	224	1.5	HC		0.025	2.5	290	6090	6.340000153	40	80
K965354	224	225.5	1.5	HC		0.025	10	90	3440	6.110000134	20	80
K965355	225.5	227	1.5	HC		0.025	2.5	25	6870	5.059999943	30	170
K965356	227	229	2	HC		0.025	2.5	25	7360	5.519999981	10	130
K965357					Standard (CDN-ME-17)	0.579999983	38	100	350	18.20000076	6470	72300
K965358	229	230.8	1.8	HC		0.025	2.5	80	9950	4.400000095	20	450
K965359	230.8	232.8	2	HC		0.025	2.5	80	9320	5.460000038	30	310
K965360	232.8	234.5	1.7	HC		0.025	2.5	70	8890	4.019999981	10	210

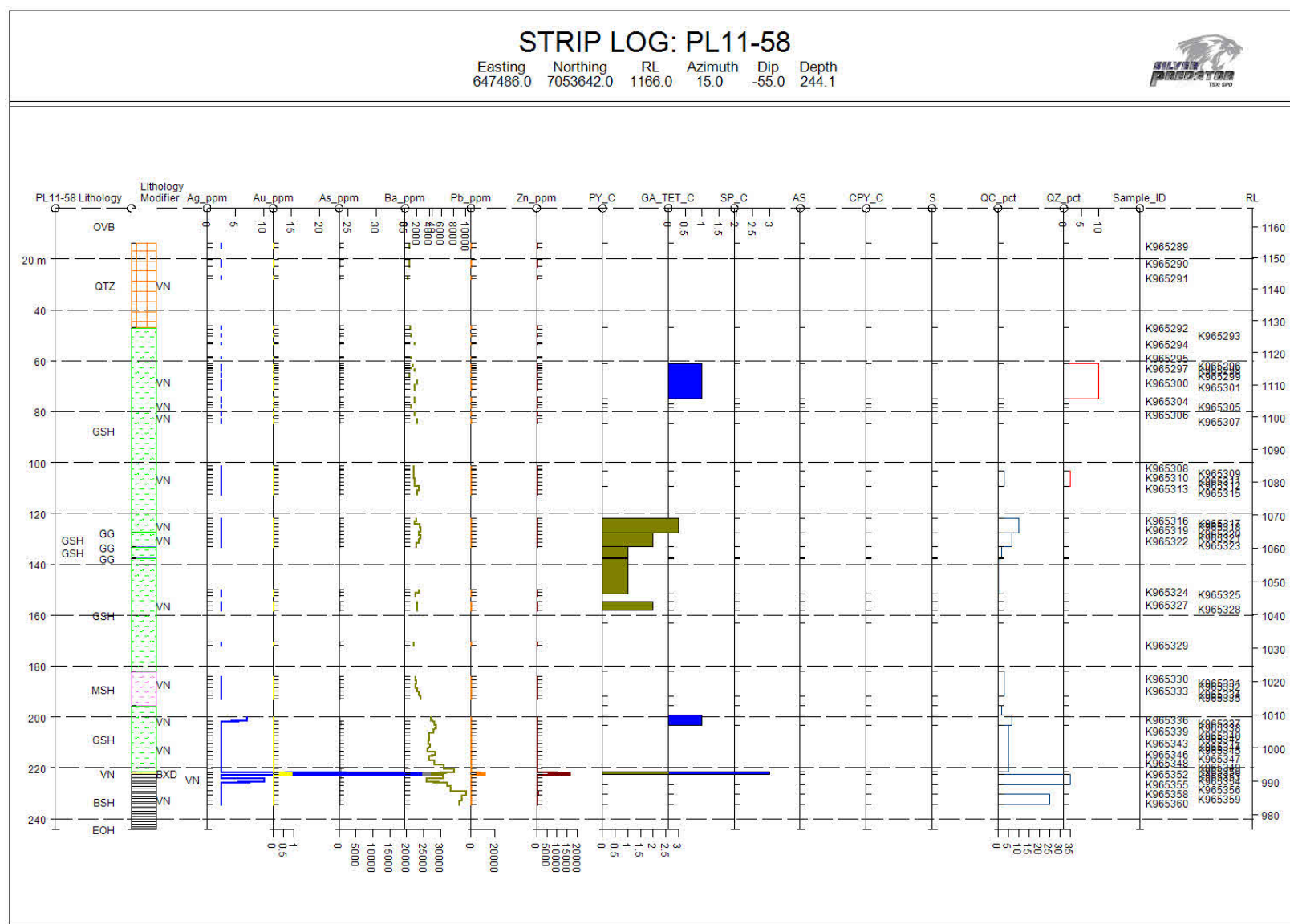


Figure 5. Strip log PL11-58. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-59

PROJECT: Plata

PROSPECT: Etzel

PROJECT CODE: PL

TARGET: P6 vein

START DATE / TIME: July 24 2011

FINISH DATE / TIME: July 27 2011

LOGGED BY: Erin O'Brien

DATE: 27-Jul-11

NAD83-8N UTM E: 646389

NAD83-8N UTM N: 7055311

ELEVATION (M): 1660

HOLE DIP: -55

HOLE AZIMUTH: 75

TOTAL LENGTH: 84.12

HOLE TYPE: DD

CORE SIZE: NTW

CASING DEPTH (M): 24.32

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: Y

BOTTOM LINE: at the bottom of the core

TOOL TYPE: ACT-II

SAMPLES: K965361 - K965382

22 samples

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Shawn Ladret

DRILLHOLE SUMMARY FROM / TO (M):

0-10.66	Casing
10-66-12.5	Overburden, very poor recovery
12.5-34.14	Black shale, locally very poor recovery
34.14-34.8	Black shale with 2% pyrite
34.8-35.36	Quartz-carbonate-shale breccia with 3-5% pyrite, 3-5% sphalerite, 3-5% galena/tetrahedrite
35.36-36.36	Quartz vein with shards of shale with highly mineralized section of semi-massive sulphides: 5-10% tetrahedrite and 10-20% sphalerite
36.36-41	Black shale with brecciated quartz-carbonate veining with 2% galena, 2% sphalerite, 3% tetrahedrite and 5-10% pyrite
41-43.95	Black shale with brecciated quartz veining with pyrite
43.95-50.4	Black shale with veining with 2-3% pyrite
50.4-63.6	Black shale with 15% quartz-carbonate veining
63.6-66.5	Black shale with 10% quartz veining and less than 1% sphalerite in 4% quartz-carbonate veining
66.5-84.12	Black shale with 3-5% quartz veining and 1-2% quartz-carbonate veining
84.12	End of hole

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
DH SURVEYED (Y/N):	Not done hole lost		
DH SURVEYED BY:	n/a		
DH SURVEY TOOL:	Multiple shot		

PROJECT: Plata HOLE_ID: PL11-59 LOGGED BY: _Erin O'Brien DATE: __27 July 2011

		LITHOLOGY				MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	10.66	CAS																	0 - 10.66m: Casing, no recovery
10.66	12.5	OVB																	10.66 - 12.5m: Very poor recovery, mainly limestone, 20% black shale
12.5	34.14	BSH		VFG	BK	0												K965361	12.5 - 34.14m: Very soft, generally incompetent locally graphitic black shale. Trace Q veining. Becomes disaggregated when pressed firmly with thumb. 20.12 - 21.0m: wet clay. 29.26 - 31.39m: Recovered only "sand" which appears to mainly shale with some limestone chips.
34.14	34.8	BSH					PY	2				QS	5					K965362	34.14 - 34.8m: first competent rock-black shale; 5% quartz-pyrite veinlets
34.8	35.36	VN					SP GA/TET	3 3										K965362	34.8 - 35.36m: Qtz-carb-shale breccia. Py 3-5%
35.36	36.36	VN					SP GA/TET	5 4										K965363	35.36 - 35.72m: Quartz vein with shards of shale. 35.72 - 36.36m: Highly mineralized semi-massive sulphides, tetrahedrite and sphalerite forming in distinct horizons at 55° to CA.
36.36	41	VN					SP GA/TET	2 3										K965364 - K965369	36.36 - 41.0m: Quartz-carb vn; mineralization occurs in fine masses within QC veins and rarely within shale country rock. Veining occurs in multiple episodes. Basic quartz/silification is overprinted by quartz-carbonate (siderite) veining which is locally cut by a late mineralized vein of sphalerite at 40.43m (only 1 cm offset). 40.40 - 40.43m: irregular vein of sphalerite at α = 46° to core axis. Galena up to 2% and Py 5-10%.

PROJECT: Plata HOLE_ID: PL11-59 LOGGED BY: _Erin O'Brien DATE: _27 July 2011

		LITHOLOGY		MIN		ALTERATION												Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
41	43.95	BSH	BXD	VFG	BK	1	PY	2				QZ QC	20 2					K965370 - K965374	41.0 - 50.4m: Black shale with 5-10% brecciated quartz veining; 2-3% QC veining. Several fractures/faults with graphitic slicks angles are variable 15-60° to CA. 41.0m: Faulted (with slicks) at 70° to CA. 41.0 - 43.95m: Brecciated.
43.95	50.4	BSH	VN	VFG	BK	1	PY	3				QZ QC	15 3					K965375 - K965379	43.95-50.4m: Black shale with 2-3% pyrite
50.4	63.6	BSH		VFG	BK	0	PY	3				QZ QC	2 2					K965379 K965380	50.4 - 63.6m: Black shale with pyrite in laminations
63.6	66.5	BSH	VN	VFG	BK	0	SP	1				QZ QC	10 4					K965381 K965382	63.6 - 66.5m: Black shale with quartz veins parallel to foliation but some QC veins (ie at 63.80 a 2 cm wide QC vein with sphalerite at 70° to CA and parallel to foliation)
66.5	81.1	BSH		VFG	BK	0						QZ QC	3 1						66.5 - 81.1m: Black shale with little veining; pyrite in laminations and rarely in cubes associated with veining
81.1	84.12	BSH	VN	VFG	BK	0						QZ QC	5 2						81.1 - 84.12m: Black shale
84.12	84.12	EOH																	84.12m: End of hole

PROJECT: Plata

HOLE_ID: PL11-59

SAMPLED BY: _Erin O'Brien

DATE: __27 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965361	31.39	34.14	2.75	HC		0.025	7	90	6150	1.279999971	930	1200
K965362	34.14	35.36	1.22	HC		0.25	73	2160	520	9.960000038	500	21600
K965363	35.36	36.4	1.04	HC		0.560000002	10	28000	590	8.569999695	760	94500
K965364	36.4	37.4	1	HC		0.460000008	1655	14600	920	17.39999962	2450	10850
K965365	37.4	38.4	1	HC		0.025	21	830	1330	6.550000191	3000	3490
K965366	38.4	39.5	1.1	HC		0.25999999	20	13750	850	20.29999924	120	1190
K965367					Blank	0.025	2.5	25	25	0.50999999	10	50
K965368	39.5	40.25	0.75	HC		0.025	18	4580	1060	6.380000114	600	4330
K965369	40.25	41	0.75	HC		0.319999993	37	6600	1420	13.55000019	270	25400
K965370	41	42	1	HC		0.025	21	210	4270	1.679999948	540	1830
K965371	42	43	1	HC		0.025	9	120	5440	1.740000001	40	1330
K965372					Standard (CDN-ME-17)	0.25	34	140	250	18.85000038	6600	73700
K965373	43	44	1	QC		0.025	16	80	4880	4.530000021	70	9470
K965374	43	44	1	QC	Duplicate of K965373	0.025	7	70	4790	5.380000114	70	9180
K965375	44	45	1	HC		0.025	2.5	120	6230	1.769999981	10	1940
K965376	45	46.5	1.5	HC		0.025	2.5	90	3930	2.700000048	20	3510
K965377	46.5	48	1.5	HC		0.025	2.5	90	1750	4.429999828	40	3110
K965378	48	49.5	1.5	HC		0.025	2.5	150	1640	2.940000057	20	1680
K965379	49.5	51	1.5	HC		0.025	2.5	110	1610	3.130000114	20	1460
K965380	51	53	2	HC		0.025	2.5	110	1310	2.990000001	20	520
K965381	63.6	65.1	1.5	HC		0.025	2.5	80	2590	2.119999886	20	1060
K965382	65.1	66.4	1.3	HC		0.025	2.5	120	2140	2.920000076	10	1100

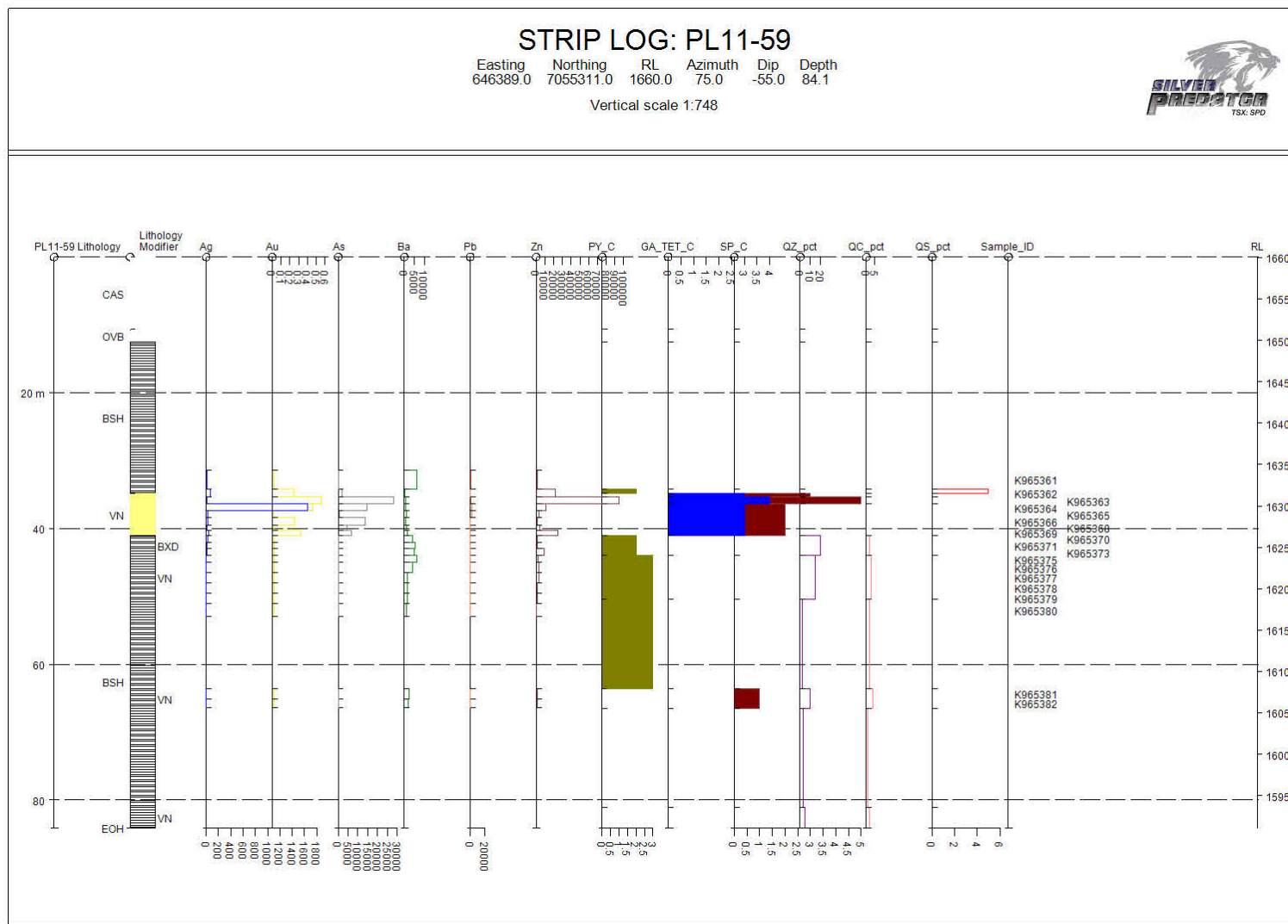


Figure 6. Strip log PL11-59. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-60

PROJECT: Plata

PROSPECT: Etzel

PROJECT CODE: PL

TARGET: P6 vein

START DATE / TIME: 27-Jul-11

FINISH DATE / TIME: 28-Jul-11

LOGGED BY: Erin O'Brien

DATE: 29-Jul-11

NAD83-8N UTM E: 646389

NAD83-8N UTM N: 7055311

ELEVATION (M): 1660

HOLE DIP: -75

HOLE AZIMUTH: 75

TOTAL LENGTH: 54.86

HOLE TYPE: DD

CORE SIZE: HTW / NTW

CASING DEPTH (M): 18.24

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: Y

BOTTOM LINE: at the bottom of the core

TOOL TYPE: ACT-II

SAMPLES: K965383 - K965409

27 samples

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Shawn Ladret

DRILLHOLE SUMMARY FROM / TO (M):

0-3.04	Casing
3.04-6.10	Overburden
6.10-27.50	Black shale very low competency (clay-like) with 3% Q veins, 2-5% QC veins
27.50-30.25	Black shale, graphitic, 2% each QC and QZ
30.25-34.1	Black shale with 2% QS veins (SP and Ga)
34.1-37.54	Black shale, brecciated w/ short zones (especially at top) with Sph (2-3%, Gal (3-5%), 3-5% Py. Q veining
37.54-39.77	QC vein locally with Sph (2%), Gal (3-5%), Py (10-20%).
39.77-43.6	Black shale with 20% Q veining and 10% QC veining; Sp (3-5%), Ga (25) and Py (3-5%) in masses
43.6-43.8	GG (fault gouge)
43.8-46	Blackshale, fault zone? Poor recovery
46-49	Black shale, little veins
49-54.86	Black shale, graphitic, 2% QC. EOH
54.86	End of hole

DOWNHOLE SURVEY			
	DEPTH (M)	AZIMUTH	DIP
Y	n/a	n/a	n/a
DH SURVEYED (Y/N):	n/a	n/a	n/a
DH SURVEYED BY:	Shawn Ladret	n/a	n/a
DH SURVEY TOOL:	Multiple shot	54.9	74.8
			-74.2

PROJECT: Plata HOLE_ID: PL11-60 LOGGED BY: _Erin O'Brien DATE: __29 July 2011

		LITHOLOGY				MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	3.04	CAS																	0.00 - 3.04m: Casing, no recovery
3.04	6.1	OVB																	3.04 - 6.10m: OVB, initially clasts of buff-grey limestone, then 2 m of brown silty sand with shale and limestone clasts
6.1	8.7	BSH		VFG	BK	1								QC QZ	1 1				6.10-8.70m: (6.10 - 27.5m:) Black shale, very poor competency and soft; almost claylike. Sometimes in complete cylinders but usually disaggregated and crumbly.
8.7	10.6	BSH	VN											QC QZ	5 2				8.70-10.60m: Veined black shale with 2% qtz veins, 5% qtz-carb veins
10.6	27.5	BSH		VFG	BK	1								QC QZ	2 1			K965383 - K965385	10.60-27.50m: Black shale; 19.0 - 19.06m: QC approximately perpendicular to CA with trace pyrite
27.5	30.25	BSH	GR	VFG	BK	0	PY	1						QC QZ	2 2			K965385 - K965387	27.5 - 30.25m: Black shale with much less clay alteration, more friable and weakly graphitic
30.25	34.1	BSH		VFG	BK	1	SP GA/TET	1 1						QS QC	2 1			K965388 - K965390	30.25 - 34.10m: Black shale with occasional quartz-carbonate veins; some with sphalerite ± galena predominately parallel to foliation
34.1	37.54	BSH	BXD	VFG	BK	1	SP GA/TET	3 2						QZ QC	5 2			K965391 - K965395	34.10 - 37.54m: Black shale strongly brecciated from 34.10 to 34.55 with quartz and/or sphalerite/galena in matrix (sulphide replacing quartz locally). 34.55 - 37.54m: Veined and moderately brecciated. Significant increase in carbonate 36.6 to 37.54. Pyrite 3-5%
37.54	39.77	VN	BXD	FG	CW	1	SP GA/TET	2 3										K965396 K965397	37.54 - 39.77m: Q(C) semi-massive sulphide vein except from 37.54 to 37.90m which is mainly siderite, remainder of unit is quartz-sulphide with patches of siderite. Within the vein, massive sulphides are at 77° to CA. 37.90 - 38.10m: A band of galena. 38.0 - 38.10m: Breccia with rounded quartz clasts. Py 10-20%.
39.77	43.6	BSH	VN	VFG	BK		SP GA/TET	3 2						QZ QC	20 10			K965398 - K965401	39.77-43.60m: (39.77 - 46.0m:) Black shale with significant amount of veining. 42.55m: reduced to NTW. Py 3-5%

PROJECT: Plata HOLE_ID: PL11-60 LOGGED BY: _Erin O'Brien DATE: __29 July 2011

		L I T H O L O G Y				M I N		A L T E R A T I O N										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
43.6	43.8	GG																	43.60-43.80m: Black shale with crumbly possibly gouge (but not clay altered)
43.8	46	BSH	BLK															K965402	43.80-46m: Black shale, poor recovery, fault zone?
46	54.86	BSH	GR	VFG	BK	1	PY	1						QC QZ	2 3			K965403 - K965409	46.0 - 54.86m: Black shale, moderately graphitic; trace pyrite in veins and rarely finely disseminated.
54.86	54.86	EOH																	54.86m: End of hole

PROJECT: Plata

HOLE_ID: PL11-60

SAMPLED BY: _Erin O'Brien

DATE: __29 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965383	23.41	25	1.59	HC		0.025	18	25	4690	1.159999967	270	40
K965384	25	26.5	1.5	HC		0.025	19	25	3960	1.149999976	810	390
K965385	26.5	28	1.5	HC		0.025	22	140	2600	1.860000014	1090	2470
K965386	28	29	1	HC		0.025	23	140	1660	2.140000105	1980	7890
K965387	29	30.25	1.25	HC		0.025	28	250	1580	2.049999952	2670	8030
K965388	30.25	31.5	1.25	HC		0.025	71	210	1450	1.950000048	4440	32800
K965389	31.5	32.75	1.25	HC		0.025	2.5	100	2010	1.710000038	690	6200
K965390	32.75	34.07	1.32	HC		0.389999986	36	220	2150	2.220000029	1610	4230
K965391	34.07	34.94	0.87	HC		0.025	266	520	610	4.199999809	37900	19550
K965392	34.94	35.81	0.87	HC		0.025	58	160	1290	3.160000086	3050	3240
K965393	35.81	36.58	0.77	QC		0.025	31	180	990	4.050000191	700	40000
K965394	35.81	36.58	0.77	QC	Duplicate of K965393	0.025	37	200	820	3.839999914	1230	40200
K965395	36.58	37.54	0.96	HC		0.170000002	293	900	870	12.050000019	11000	19150
K965396	37.54	38.66	1.12	HC		0.439999998	208	10200	190	16.89999962	8460	28400
K965397	38.66	39.77	1.11	HC		1.159999967	120	51400	430	20.39999962	6580	17850
K965398	39.77	40.7	0.93	HC		0.025	143	1040	610	6.400000095	17650	37000
K965399					Blank	0.025	2.5	60	25	0.519999981	30	70
K965400	40.7	41.63	0.93	HC		0.025	33	2480	1190	9.640000343	2710	15300
K965401	41.63	42.55	0.92	HC		0.259999999	24	2340	980	8.170000076	910	9710
K965402	44.2	46	1.8	HC		0.025	44	720	3920	1.789999962	600	2500
K965403					Standard (CDN-ME-17)	0.490000001	40	130	260	19.350000038	6700	75900
K965404	46	47.5	1.5	HC		0.025	2.5	150	4460	1.490000001	70	2050
K965405	47.5	49	1.5	HC		0.025	5	100	3460	1.679999948	40	1500
K965406	49	50.5	1.5	HC		0.025	2.5	130	1390	3.319999933	30	1720
K965407	50.5	52	1.5	HC		0.025	2.5	110	1860	2.859999895	30	1400
K965408	52	53.5	1.5	HC		0.025	2.5	100	1400	4.019999981	20	2270
K965409	53.5	54.86	1.36	HC		0.025	2.5	100	1840	2.319999933	20	770

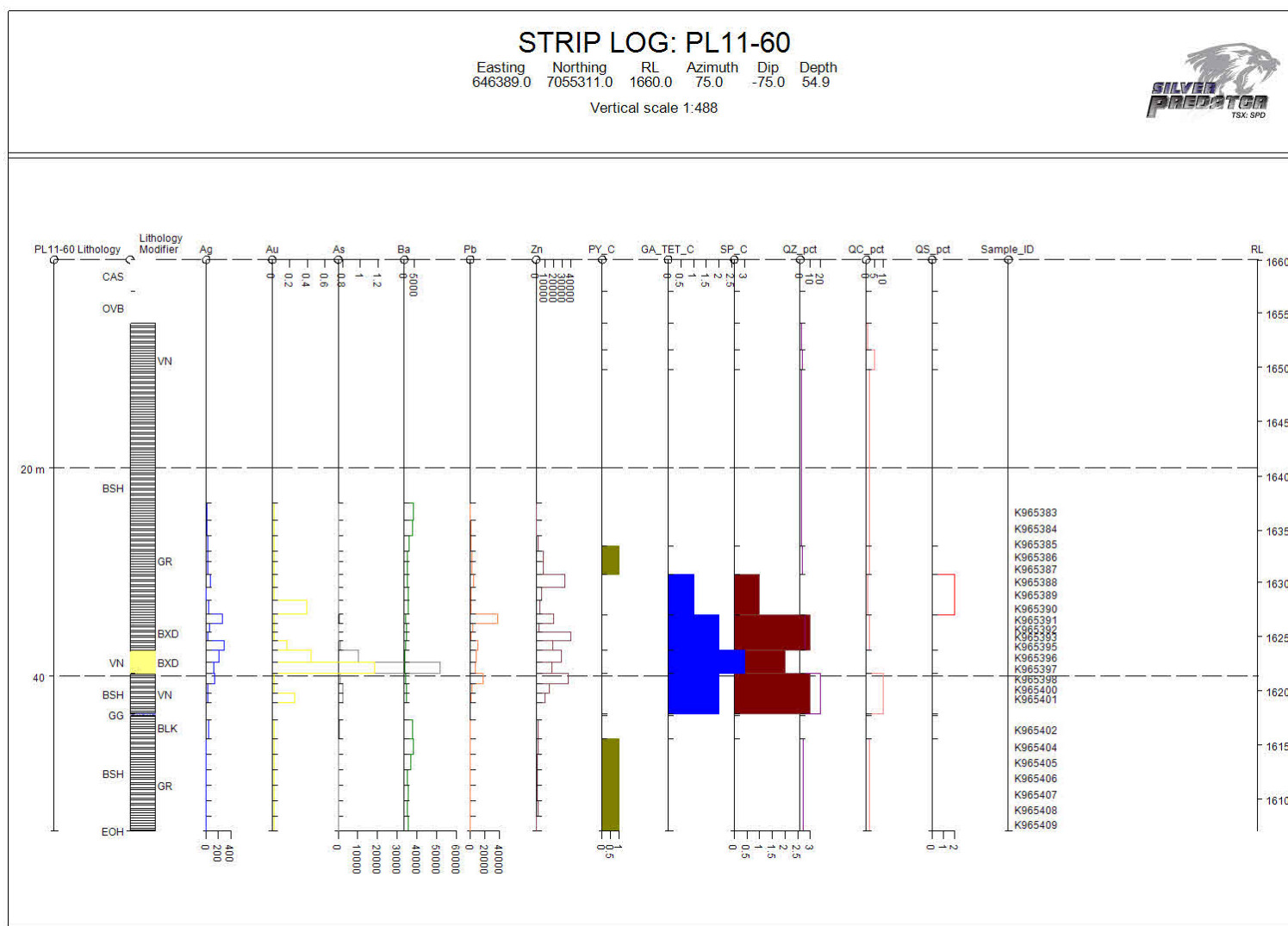


Figure 7. Strip log PL11-60. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-61

PROJECT: Plata

PROSPECT: Etzel

PROJECT CODE: PL

TARGET: P6 vein

START DATE / TIME: 28-Jul-11

FINISH DATE / TIME: 29-Jul-11

LOGGED BY: Erin O'Brien

DATE: 30-Jul-11

NAD83-8N UTM E: 646351

NAD83-8N UTM N: 7055328

ELEVATION (M): 1634

HOLE DIP: -55

HOLE AZIMUTH: 75

TOTAL LENGTH: 53.34

HOLE TYPE: DD

CORE SIZE: HTW / NTW

CASING DEPTH (M): 24.32

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: Y

BOTTOM LINE: at the bottom of the core

TOOL TYPE: ACT-II

SAMPLES: K965410 - K965428

19 samples

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Shawn Ladret

DRILLHOLE SUMMARY

FROM / TO (M):

0-12.0	Casing
12.0-32.3	Black shale, soft, with little competency
32.3-41.22	Graphitic black shale with 2% quartz-pyrite veinlets
41.22-42.45	Veined black shale with 10% quartz-sulphide veins (pyrite, sphalerite, galena) and with bands of pyrite and galena
42.45-43.12	Graphitic black shale with 2% quartz-sulphide veins
43.12-44.90	Quartz-carbonate vein with bands of semi-massive sulphides, mainly with pyrite (10%) and galena/tetrahedrite (5-10%)
44.90-46.41	Veined and brecciated black shale with 60% veining, 5-10% pyrite and up to 5% tetrahedrite
46.61-53.34	Veined black shale with 15% quartz and 3% quartz-carbonate veins
53.34	End of hole

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
Y	n/a	n/a	n/a
Shawn Ladret	n/a	n/a	n/a
Single Shot	53.3	75.8	-54.7

PROJECT: Plata HOLE_ID: PL11-61 LOGGED BY: _Erin O'Brien DATE: __30 July 2011

		LITHOLOGY		MIN		ALTERATION												Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	12.19	CAS																	0 - 12.19m: Casing, no recovery
12.2	32.3	BSH		VFG	BK	2	PY	1						QC QZ	3 2				12.19 - 32.3m: Black shale generally very soft with little to no competency. Few veinlets mainly quartz, trace pyrite. Very finely disseminated pyrite observed locally in shale. Core in complete cylinder from 26.0 - 28.5m and sporadically thereafter
32.3	41.22	BSH	GR	VFG	GYD		PY	1						QS	3				32.3 - 41.22m: Graphitic shale, trace finely disseminated pyrite. QPy veinlets generally parallel to foliation. QS (sphalerite). 40.35 - 40.40m: breccia quartz-sphalerite, vuggy.
41.2	42.45	BSH	VN	VFG	BK	1	SP GA/TET	3 2						QS QC	10 2				41.22-42.45m: (41.22 - 43.12m:) Black shale, veined with bands of pyrite and one band of galena (41.82 - 41.84m). Bands are at approximately 60° to CA. One 2x2 cm pocket of white clay. QS is mainly quartz with some pyrite or sphalerite or galena, a little carbonate. Py 3-5%
42.5	43.12	BSH	GR	VFG	GYD	1	S	1						QS	2				42.45-43.10m: Black shale, graphitic w 1% sphaler and 2% quartz-sulph veins
43.1	44.9	VN		FG	CW		PY GA/TET	5 4	AR	PER	1			QZ	100				43.12 - 44.90m: QC vein with bands of semi-massive sulphides. Mainly pyrite + tetrahedrite at 80-85° to CA. 44.0 - 44.9m: Trace veinlets of sericite parallel to CA. Up to 2% Galena. Tetrahedrite is in masses, very shiny, very fine grained, "splintered" appearance, almost acicular
44.9	46.41	BSH	VN	FG	BK	1	PY GA/TET	4 3	AR	PER	2			QC	60				44.9 - 46.41m: Black shale with quartz-carbonate veining; white clay and brecciated matrix
46.4	53.34	BSH	VN	VFG	BK									QZ QC	15 3				46.41 - 53.10m: Black shale, weakly graphitic with abundant weakly brecciated quartz veins, chaotic; overprint locally by QC veinlets. Many quartz veins are parallel to foliation.
53.3	53.34	EOH																	53.34m: End of hole

PROJECT: Plata

HOLE_ID: PL11-61

SAMPLED BY: _Erin O'Brien

DATE: __30 July 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965410	21.34	22.86	1.52	HC		0.025	12	270	6550	0.649999976	490	50
K965411	22.86	24.38	1.52	HC		0.025	16	820	9770	1.330000043	790	50
K965412	35.05	36.5	1.45	HC		0.025	23	100	1050	3.450000048	610	1630
K965413	36.5	38	1.5	HC		0.025	13	60	1490	2.740000001	320	590
K965414	38	39.5	1.5	HC		0.025	13	80	1720	3	750	2650
K965415	39.5	41.22	1.72	HC		0.025	265	2440	1120	2.849999905	12700	67900
K965416	41.22	42.45	1.23	QC		0.025	2.5	120	1570	2.740000001	600	3740
K965417	41.22	42.45	1.23	QC	Duplicate of K965416	0.025	139	930	950	2.710000038	7120	68500
K965418	42.45	43.12	0.67	HC		0.025	2.5	450	1400	2.970000029	1610	2310
K965419	43.12	44.12	1	HC		0.025	12	6780	600	6.920000076	1740	7060
K965420	44.12	45.12	1	HC		0.025	23	22200	700	19.25	2120	5020
K965421	45.12	46.41	1.29	HC		0.025	9	1410	1280	8.909999847	300	2780
K965422	46.41	47.91	1.5	HC		0.025	8	200	3520	2.609999895	80	3340
K965423					Blank	0.025	2.5	25	60	0.519999981	10	30
K965424	47.91	49.41	1.5	HC		0.025	7	140	2780	2.240000001	30	2130
K965425	49.41	50.91	1.5	HC		0.025	9	110	1870	2.839999914	30	1870
K965426					Standard (CDN-ME-12)	0.579999983	26	130	190	19.14999962	6670	74500
K965427	50.91	52.01	1.1	HC		0.025	14	100	1540	2.680000067	30	1740
K965428	52.01	53.11	1.1	HC		0.025	7	100	2060	2.690000057	30	1530

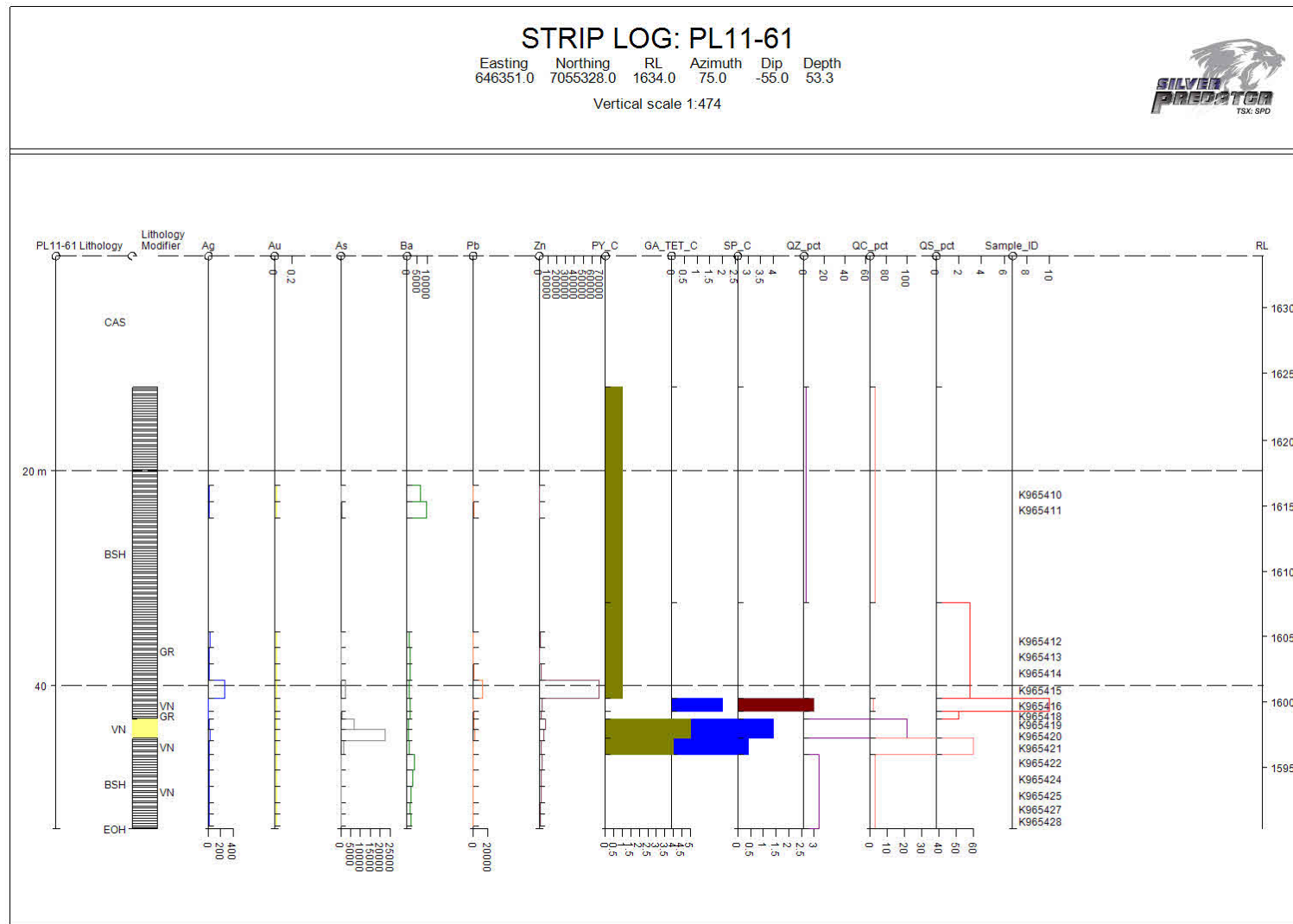


Figure 8. Strip log PL11-61. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-62

PROJECT: Plata

PROSPECT: Etzel

PROJECT CODE: PL

TARGET: P6 vein

START DATE / TIME: 29-Jul-11

FINISH DATE / TIME: 30-Jul-11

LOGGED BY: Erin O'Brien/Kerry Bates

DATE: 1-Aug-11

NAD83-8N UTM E: 646410

NAD83-8N UTM N: 7055267

ELEVATION (M): 1678

HOLE DIP: -55

HOLE AZIMUTH: 75

TOTAL LENGTH: 71.63

HOLE TYPE: DD

CORE SIZE: HTW / NTW

CASING DEPTH (M): 50.16

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: No

BOTTOM LINE: n/a

TOOL TYPE: n/a

SAMPLES: K965429-K965459

31 samples

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Shawn Ladret

DRILLHOLE SUMMARY FROM / TO (M):

0-4.57	Casing, no recovery
4.57-40.54	Black shale with less than 2% quartz-carbonate veining
40.54-42.2	Massive quartz-carbonate vein with cross-cutting quartz veins, locally brecciated with clay veining with 1% sphalerite
42.2-51.4	Gray shale with trace clay veining
51.4-52.7	Brecciated black shale with 15% quartz veining with 10-20% pyrite and 5-10% galena
52.7-53.83	Black shale with trace pyrite
53.83-54.25	Black shale with 40% quartz-carbonate veining with 3-5% tetrahedrite and 5-10% pyrite
54.25-56.39	No recovery (less than 20% recovery of black shale)
56.39-64.55	Graphitic black shale with 15% weakly brecciated quartz-carbonate veining with 3% pyrite and 2% galena
64.55-66.55	Black graphitic shale with 30% quartz veins, minor quartz-carbonate veins with 1% pyrite
66.55-71.63	Grey graphitic shale with 10% quartz veining and trace pyrite in laminations
71.63	End of hole

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
Y	n/a	n/a	n/a
Jose Perez	56.4	79.9	-54.7
Multiple shot	71.6	80.2	-54.8

DH SURVEYED (Y/N): Y

DH SURVEYED BY: Jose Perez

DH SURVEY TOOL: Multiple shot

PROJECT: Plata HOLE_ID: PL11-62 LOGGED BY: _Erin O'Brien/Kerry Bates DATE: __01 August 2011

		LITHOLOGY				MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	4.57	CAS																	0-4.57m: Casing no core
4.57	40.54	BSH		VFG	BK														4.57-40.54m: Very soft black shale, randomly placed layers of med sand and some gravel, likely rubble falling down the hole. Switch to NTW at 22.86m. Q veining increasing at 34.0 m. Vein orientation not measured due to low competence of core.
40.5	42.2	BSH	VN	VFG	OGY	2	SP	1						QZ	4			K965429	40.54-42.20m: Black shale with QC vein cross cuts QZ vein, local brecciation by later phase white clay and QZ. QC is pitted
42.2	44.5	BSH		VFG	GY	2								QZ	5			K965430 - K965432	42.2-44.5m: Black shale with QZ, QC and clay veining between 42.2-44.50
44.5	50	BSH		VFG	GY	2								QZ	1			K965432 - K965436	44.5-50m: Black shale with minimal veining, Clay veining lacking previously noted brecciation. Minor brecciation in QZ and QC veining.
50	51.4	BSH		VFG	GY	2								QZ	4			K965437 K965438	50-51.4m: Black shale with increasing QZ, QC and clay veining, similar to upper unit. Highly fragmented core - no vein orientations measured.
51.4	52.7	BSH	VN	VFG	GYD	2	GA/TET PY	5						QZ	15			K965439 K965440	51.4-52.7m: Shale brecciated by QZ veins with GA and PY. Sulphides present in veins as well as semi massive from 52.30-52.50. Veins randomly oriented.
52.7	53.83	BSH		VFG	BK													K965441	52.7-53.83m: Black shale with Trace Pyrite in homogenous black shale. Low competence, minor veining.
53.8	54.25	BSH		VFG	BK		GA/TET PY	3						QCS	40			K965442	53.83-54.25m: Black shale with Tet and Py in masses within QCS
54.3	56.39	NR		VFG	BK													K965443	54.25-56.39m: 20 cm recovery of black shale. Low competence.
56.4	56.95	BSH	VN	VFG	GY		GA/TET	3						QCS	60			K965444	56.39-56.95m: Black shale with QCS veining containing tetrahedite, pyrite, galena and spahlerite. Bulk of Mineralization in QCS vein at bottom of section.

PROJECT: Plata HOLE_ID: PL11-62 LOGGED BY: _Erin O'Brien/Kerry Bates DATE: __01 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
57	64.55	BSH	GR	VFG	GY	1	PY GA/TET	3 2						QZ QCS	15 15			K965445 - K965452	56.95-64.55m: Graphitic black shale with choatic QZ veining with some trend perpindicular to core axis. Alternating bands of QZ and QC containing PY and GA. 2 major QC veins at 61.34-61.51m and 64.22-64.55 m. Pyrite banding in graphitic shale between 64.22-64.55m. banding and veining follows foliation between 60-64.55m at approximately 80 deg to core axis
64.6	66.55	BSH	GR	VFG	GY	1	PY	1						QZ	20			K965453 - K965455	64.55-66.55m: Graphitic black shale with hight QZ vein concentration. Trace PY in some veins. Vein concentration decreases down core, and follows foliation approximately 70-80 deg to core axis.
66.6	71.63	BSH	GR	VFG	GY	1	PY	2						QZ	5			K965456 - K965459	66.55-71.63m: Graphitic black shale with QZ veining and minor pyrite banding following foliation approximately 40 deg to core axis
71.6	71.63	EOH																	71.63m: End of hole

PROJECT: Plata

HOLE_ID: PL11-62

SAMPLED BY: _Erin O'Brien/Kerry Bates

DATE: __01 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965429	40.54	42.2	1.66	HC		0.025	5	260	3800	1.9	530	1540
K965430	42.2	43.59	1.39	HC		0.025	9	220	2280	2.6199999	580	2760
K965431					Standard (CDN-ME-12)	0.32	50	90	580	5	2190	2830
K965432	43.59	44.74	1.15	HC		0.025	5	470	1960	2.9200001	500	740
K965433	44.74	45.89	1.15	HC		0.025	2.5	110	1840	2.76	240	360
K965434	45.89	47.04	1.15	HC		0.025	2.5	190	4880	1.29	130	340
K965435	47.04	48.19	1.15	HC		0.025	2.5	490	1580	3.29	310	670
K965436	48.19	49.91	1.72	HC		0.025	5	270	1940	2.52	410	490
K965437	49.91	51.4	1.49	QC		0.025	13	440	820	3.51	750	16350
K965438	49.91	51.4	1.49	QC	Duplicate of K965437	0.025	12	400	830	3.05	1380	14350
K965439	51.4	52.05	0.65	HC		0.19	543	2030	1740	3.3199999	138000	14350
K965440	52.05	52.7	0.65	HC		0.39	1150	830	7330	6.0300002	84400	116000
K965441	52.7	53.83	1.13	HC		0.025	42	270	4730	0.86	3870	3560
K965442	53.83	54.25	0.42	HC		0.72	161	25900	910	5.5	13500	38400
K965443	54.25	56.39	2.14	HC		0.025	46	1110	2930	0.63	1070	25700
K965444	56.39	56.95	0.56	HC		0.59	234	23300	1010	15.25	20500	57000
K965445	56.95	57.9	0.95	HC		0.025	43	400	890	3.1500001	11200	15500
K965446	57.9	58.85	0.95	HC		0.025	19	540	1040	3.51	600	3870
K965447	58.85	59.8	0.95	HC		0.025	2.5	360	1660	2.3	150	390
K965448	59.8	60.75	0.95	HC		0.025	7	190	3430	0.95	270	3400
K965449	60.75	61.7	0.95	HC		0.025	10	330	2770	4.8200002	1310	11550
K965450	61.7	62.65	0.95	HC		0.025	8	430	1360	3.1600001	750	5800
K965451	62.65	63.6	0.95	HC		0.19	39	4930	1600	7.4400001	280	10550
K965452	63.6	64.55	0.95	HC		0.025	16	5900	820	13.15	280	8060
K965453	64.55	65.53	0.98	HC		0.025	11	130	2450	2	860	3770
K965454	65.53	66.55	1.02	HC		0.025	15	150	2960	1.75	600	3350
K965455					Blank	0.025	2.5	25	25	0.49	10	40
K965456	66.55	67.8	1.25	HC		0.025	11	130	2950	1.29	210	2190
K965457	67.8	69.05	1.25	HC		0.025	12	120	3040	3.27	90	3120
K965458	69.05	70.4	1.35	HC		0.025	5	110	1780	2.0599999	80	350
K965459	70.4	71.63	1.23	HC		0.025	5	120	1340	2.6700001	140	490

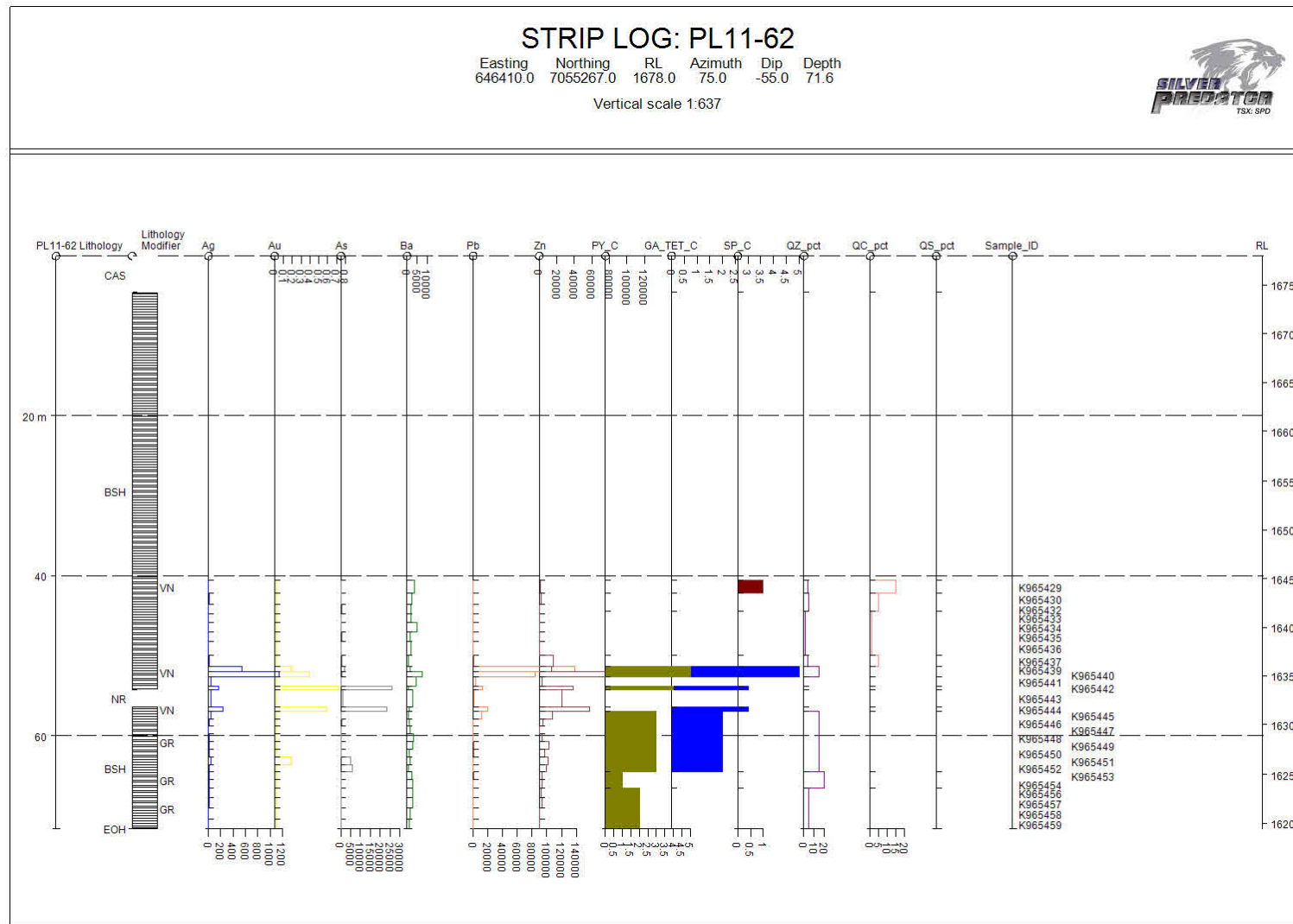


Figure 9. Strip log PL11-62. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID:	PL11-63
PROJECT:	Plata
PROSPECT:	Etzel
PROJECT CODE:	PL
TARGET:	P6 vein
START DATE / TIME:	31-Jul-11
FINISH DATE / TIME:	1-Aug-11
LOGGED BY:	Kerry Bates/Erin O'Brien/Karin Fecova
DATE:	2-4 August 2011
NAD83-8N UTM E:	646308
NAD83-8N UTM N:	7055372
ELEVATION (M):	1663
HOLE DIP:	55
HOLE AZIMUTH:	75
TOTAL LENGTH:	79.25
HOLE TYPE:	DD
CORE SIZE:	HTW and NTW
CASING DEPTH (M):	36.48
COLLAR SURVEY:	Hand-held GPS
ORIENTED CORE:	N
BOTTOM LINE	n/a
TOOL TYPE:	n/a
SAMPLES:	K965460-K965508
	49 samples

DRILL CONTRACTOR:	Kluane Drilling
DRILL:	KD600
DRILLER:	Shawn Ladret

DRILLHOLE SUMMARY FROM / TO (M):

0-12.9	Overburden, no core
12.19-26	Black shale, low competence, some quartz and quartz-carbonate veining, very broken crumbly core
26-39.62	Black shale, low competence, minor silicification, 5% quartz-limonite veining
39.62-45.72	Black shale, low competence, pyrite in quartz at 45.30 m, clay alteration in quartz veining
45.72-48.97	Brecciated quartz and quartz-carbonate veining in black shale; pyrite and sooty unknown sulphide in veinlets and breccia matrix
48.97-65.3	Weakly graphitic black shale with 20% quartz-siderite veining with minor pyrite
65.3-74.62	Quartz monzonite intrusion with 5% quartz and 5% quartz-siderite-15% sphalerite
74.62-79.95	5% galena-rare tetrahedrite veining
79.95	Weakly graphitic black shale with quartz veining and trace pyrite in veins and pyrite banding in shale
	End of Hole

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
DH SURVEYED (Y/N):	Y	n/a	n/a
DH SURVEYED BY:	Jose Perez	n/a	n/a
DH SURVEY TOOL:	Reflex-single shot	79.2	69.6
		55.1	

PROJECT: Plata HOLE_ID: PL11-63 LOGGED BY: _Erin O'Brien/Kerry Bates/Karin Fecova DATE: __02-04 August 2011

		LITHOLOGY		MIN		ALTERATION												Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	12.19	OVB																	0-12.9m: Overburden, no core
12.19	26	BSH		VFG	BK	0							QZ QC	5 2				K965493 - K965498	12.19-26m: Black shale, low competence some qz and qc veining. Very broken crumbly core
26	39.62	BSH		VFG	BK	2												K965499 - K965504 K965508 K965505 - K965507	26-39.62m: Black shale, low competence. Minor solification, minor white clay seam in black shale at 23.5, 32.0, 29.6 m., veining trends perpendicular to core axis but low competence limits alpha measurements. Qz-lim (~5%) vein concentration higher than upper unit (0-26m). limonite staining occurs on majority of shale unit (fracs) ~20% limonite
39.62	45.72	BSH		VFG	BK		PY	1					QZ QC	10 2				K965460 - K965463	39.62-45.72m: Black shale, low competence, Py in Qz at 45.30 m. Clay alteration in quartz veining
45.72	48.97	BSH	VN	VFG	OGY	1	S PY	4 3					QZ QC	35 10				K965464 K965465	45.72-48.97m: Brecciated Qz, qc veining in black shale. Py and sooty unknown sulphide in veinlets and breccia matrix. Mn oxide staining.
48.97	65.3	BSH	VN	VFG	GY	0	PY	1					QZ QC	20 1				K965466 - K965480	48.97-65.3m: Weakly graphitic black shale with qz veining and minor clay alteration. Trace py; Qtz and qtz-sider veining: ~20%, white fmg, discrete, discontinuous, offset, hairline - 1 cm thick, occasional qtz blebs 2-3 cm in size, cross cutting each other randomly oriented and few have planar nature. no visible min, minor py.

PROJECT: Plata HOLE_ID: PL11-63 LOGGED BY: _Erin O'Brien/Kerry Bates/Karin Fecova DATE: __02-04 August 2011

		L I T H O L O G Y			M I N			A L T E R A T I O N										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
65.3	74.62	lp	VN	FMG	GRL	0	SP GA/TET	32	PH	PER	3		QCS QZ	55				K965481 - K965489	65.3-74.62m: Pale green - lite grey - whiteish fine to med grained (0.5-2mm) intermediate intrusion with 15% grey, subhedral, 1-2mm Qtz, 10-20% white (kaolinite after feldspar) subhedral feldspar, 0.5-1% brown euhedral biotite, 0.5% euhedral muscovite (muscovite after feldspar) 75% of groundmass vfg sericite after feldspar; very likely qtz monzonite; contains ~5% qtz veining. Veining: ~10%, fcg, hairline -3cm thick commonly 0.5-2 cm thick; some qtz vns with no vis min, 5% qtz-sider-sphal-gal vns, vuggy with qtz prisms in vugs; white-brown, random orientation, planar, cutting a qtz non min vein in one case; some qtz sider vn with no vis min; 5% ga in fmg (where coarser, striated surfaces present) 10% sphalerite is mcg, associated with ga, grains in contact; one case of tetrahedrite? freiberg: vfg, silver-bluish, ~2 mm; ~5% pycubes diss in intrusion and vn and vn selvages; additional sulphide: 1% tetrahedrite
74.62	79.95	BSH	VN	VFG	GYD	0	PY	1					QZ	15				K965489 - K965492	74.62-79.95m: Weakly graphitic black shale with qtz veining, trace py in veins and py banding, some veins with no vis min.
79.95	79.95	EOH																	79.95m: End of Hole

PROJECT: Plata HOLE_ID: PL11-63 SAMPLED BY: _Erin O'Brien/Kerry Bates/Karin Fecova DATE: __02-04 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965493	12.19	15.24	3.05	HC		0.025	7	70	3930	0.59	1380	20
K965494	15.24	18.29	3.05	HC		0.025	15	80	9670	0.57	650	20
K965495	18.29	21.34	3.05	HC		0.025	13	60	6250	0.47	70	10
K965496	21.34	22.86	1.52	HC		0.025	5	50	5400	0.55	60	20
K965497	22.86	24.38	1.52	HC		0.025	18	100	19300	0.48	160	20
K965498	24.38	26	1.62	HC		0.025	9	170	13500	0.75	120	30
K965499	26	27.43	1.43	HC		0.025	5	250	10900	0.96	60	50
K965500	27.43	28.96	1.53	HC		0.025	31	540	6280	2.50	160	130
K965501	28.96	30.54	1.58	HC		0.025	15	530	6430	2.12	560	170
K965502	30.54	32	1.46	HC		0.025	8	640	4840	2.77	380	310
K965503	32	33.53	1.53	HC		0.025	25	620	5310	2.18	1340	320
K965504	33.53	35.05	1.52	HC		0.025	2.5	150	3970	1.42	50	110
K965508					Blank	0.025	2.5	25	60	0.47	10	20
K965505	35.05	36.58	1.53	HC		0.025	2.5	1150	6650	1.92	60	200
K965506	36.58	38.1	1.52	HC		0.025	2.5	1270	12000	1.90	30	180
K965507	38.1	39.62	1.52	HC		0.025	10	1140	9760	1.90	210	510
K965460	39.62	41.15	1.53	HC		0.025	13	110	6390	0.93	70	110
K965461	41.15	42.67	1.52	HC		0.025	20	150	2340	1.51	110	270
K965462	42.67	44.2	1.53	HC		0.72	699	13200	3510	4.78	9100	31500
K965463	44.2	45.72	1.52	HC		0.025	36	1300	5750	1.82	660	1290
K965464	45.72	46.62	0.9	HC		0.025	25	2150	2010	6.15	360	980
K965465	46.62	48.97	2.35	HC		0.025	2.5	930	8220	2.17	30	470
K965466	48.97	50.25	1.28	HC		0.025	2.5	300	3450	3.36	40	1490
K965467					Blank	0.025	2.5	25	240	0.46	10	30
K965468	50.25	51.5	1.25	HC		0.025	2.5	560	3930	3.57	30	2410
K965469	51.5	52.75	1.25	HC		0.025	2.5	130	13200	1.95	30	890
K965470	52.75	53.9	1.15	HC		0.025	2.5	60	26900	1.73	30	2190
K965471	53.9	55.25	1.35	HC		0.025	2.5	70	37400	2.49	30	850
K965472	55.25	56.5	1.25	HC		0.025	2.5	50	6620	1.75	20	2080
K965473	56.5	57.75	1.25	HC		0.025	2.5	90	12600	1.82	10	1260
K965474	57.75	59	1.25	HC		0.025	2.5	110	9160	1.84	20	1240

PROJECT: Plata HOLE_ID: PL11-63 SAMPLED BY: _Erin O'Brien/Kerry Bates/Karin Fecova DATE: __02-04 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965475					Standard (CDN-ME-12)	0.39	47	100	540	4.80	2130	2700
K965476	59	60.25	1.25	HC		0.025	2.5	90	8200	3.12	30	1220
K965477	60.25	61.5	1.25	HC		0.025	2.5	80	6040	2.20	20	730
K965478	61.5	62.78	1.28	HC		0.025	2.5	60	17600	2.00	20	760
K965479	62.78	64	1.22	HC		0.025	2.5	50	15750	1.85	50	910
K965480	64	65.3	1.3	HC		0.025	6	90	9120	2.27	1640	14650
K965481	65.3	66.55	1.25	HC		0.025	2.5	110	9180	0.68	1850	5590
K965482	66.55	67.8	1.25	QC		0.025	2.5	60	11200	0.80	280	1940
K965483	66.55	67.8	1.25	QC	Duplicate of K965482	0.025	2.5	80	10400	0.82	180	1880
K965484	67.8	69.05	1.25	HC		0.025	2.5	60	11600	0.95	170	2100
K965485	69.05	70.3	1.25	HC		0.025	2.5	110	7260	0.77	70	1580
K965486	70.3	71.65	1.35	HC		0.025	2.5	100	15550	0.73	80	1640
K965487	71.65	72.8	1.15	HC		0.025	2.5	80	5750	0.77	190	3910
K965488	72.8	74.02	1.22	HC		0.025	2.5	50	6620	0.78	130	2540
K965489	74.02	75.32	1.3	HC		0.025	2.5	100	5830	2.62	30	780
K965490	75.32	76.62	1.3	HC		0.025	7	80	13250	1.74	250	1580
K965491	76.62	77.92	1.3	HC		0.025	2.5	70	16050	1.41	10	670
K965492	77.92	79.25	1.33	HC		0.025	2.5	50	17250	1.39	20	620

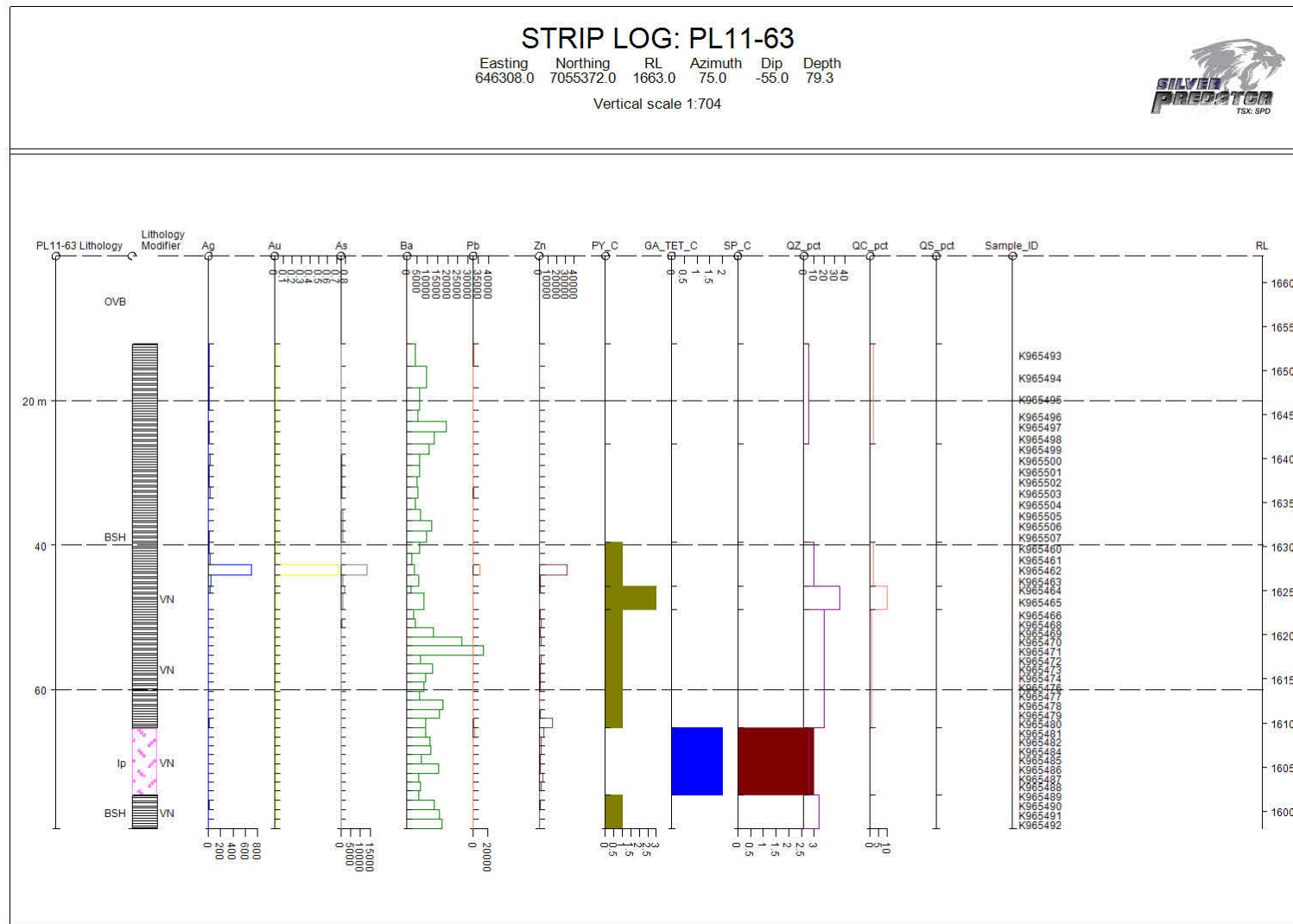


Figure 10. Strip log PL11-63. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID:	PL11-64	DRILL CONTRACTOR:	Kluane Drilling	DOWNHOLE SURVEY							
PROJECT:	Plata	DRILL:	KD600	DH SURVEYED (Y/N):	Y	DEPTH (M)	48.8	AZIMUTH	69.2	DIP	53.3
PROSPECT:	Etzel	DRILLER:	Shawn Ladret	DH SURVEYED BY:	Shawn Ladret		109.7		68.7		53.3
PROJECT CODE:	PL	DRILLHOLE SUMMARY		DH SURVEY TOOL:	Reflex-multiple shot		201.17		68.3		52.7
TARGET:	P6 vein	FROM / TO (M):									
START DATE / TIME:	2-Aug-11	0-12	Overburden; black argillite with minor feldspathic intrusion								
FINISH DATE / TIME:	7-Aug-11	12-24.85	Black argillite with minor feldspathic intrusion								
LOGGED BY:	Karin Fecova	24.85-40.5	Black argillite with minor feldspathic intrusion & meter scale veined (7% qtz-sid veining) /non-veined intervals								
DATE:	5-9 August 2011	44.2-49.8	Graphitic black shale with 5% quartz-siderite veining								
NAD83-8N UTM E:	646223	49.8-63.4	Black graphitic shale with concretions and with 5% quartz-siderite-minor sphalerite and galena veining								
NAD83-8N UTM N:	7055350	63.4-70.97	Graphitic black shale with 50-60% quartz-sider-5% sphalerite veining; vfg-mg pyrite disseminated in shale								
ELEVATION (M):	1607	70.97-71.97	Graphitic black shale with 5% quartz-carbonate veining								
HOLE DIP:	55	71.97-77.8	Graphitic black shale with 50-60% quartz-sider-5% sphalerite veining; vfg-mg pyrite disseminated in shale								
HOLE AZIMUTH:	75	77.8-79.8	Graphitic black shale with 5% quartz-siderite veining								
TOTAL LENGTH:	201.17	79.8-89	Graphitic black shale with 40% qtz-sid-minor, but locally semi-mass sphal veining; abundant py in shale								
HOLE TYPE:	DD	89-90	Graphitic black shale with 5% quartz-carbonate veining								
CORE SIZE:	HTW and NTW	90-100.47	Graphitic black shale with 20-30% qtz-sid-minor, but locally semi-mass sphal veining; abundant py in shale								
CASING DEPTH (M):	15.2	100.47-108.63	Moderately sericitized quartz monzonite intrusion								
COLLAR SURVEY:	Hand-held GPS	108.63-112.4	Graphitic black shale with 30% quartz-siderite-minor, but locally semi-massive sphalerite and galena								
ORIENTED CORE:	N	112.4-115.82	Black silicified mudstone (argillite) with 15% quartz-siderite-rare sphalerite veins and with up to 10% pyrite								
BOTTOM LINE	n/a	115.82-129.6	Graphitic black shale with rare quartz-siderite veins and with 10-20% pyrite in shale								
TOOL TYPE:	n/a	129.6-135	Veined black shale with 10% qtz-sid-minor sphal veining incl. 3 mass veins, some with brecciated texture and up to 20% py in shale								
SAMPLES:	K965509-K965623	135-139.9	Graphitic black shale with rare quartz-siderite veins and with 10-20% pyrite in shale								
	115 samples	139.9-141.3	Medium grey shale with laminae and thin beds of black shale with up to 20% py and with 2-5% qtz-carb-rare sphal and gal veining								
		141.3-142.8	Medium grey shale with semi-massive clay altered siderite-quartz-5% fmg sphalerite and galena vein								
		142.8-151.2	Medium grey shale with laminae and thin beds of black shale with up to 20% py and with 2-5% quartz-carbonate-rare sphalerite and galena veining								
		151.2-158	Black shale with rare quartz-carbonate-rare sphalerite and galena veining and with up to 20% pyrite in shale								
		158-163	Veined black shale with 10% qtz-carb-rare sphal and gal veining and with up to 20% py in shale								
		163-167.5	Black shale with rare quartz-carbonate-rare sphalerite and galena veining and with up to 20% pyrite in shale								
		167.5-169.8	Black shale with 50% pyrite								
		169.8-201.17	Black shale with up to 20% pyrite and with 3% quartz-carbonate-minor sphalerite and galena								
		201.17	End of Hole								

PROJECT: Plata

HOLE_ID: PL11-64

LOGGED BY: _Karin Fecova

DATE: __05-09 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	12	OVB																K965509 - K965510	0-12m: Overburden; Dark grey silicified mudstone (argillite) w occasional cm/s scale bands&rounded cm's scale blebs of 0.5mm grained feldspathic intrusion; intrusion is light grey and can represent a mixture of magma and mud at the time of depostion; intrusion caused very likely silicification of solidifying mud forming the argillite; poor recovery
12	24.85	ARG		VFG	GYD	1 GA PY	1	6				QC QPY	31					K965510 - K965521	12-24.85m: Argillite with minor intrusion as 0-12m; core is broken and surfaces have commonly oxidatn colours: orange (lim), Yellow-green (jar), light green (ser), light bluish (scor?); no vis fresh mineraztn in the host except one location @ 19.4m; will sample everything due to presence of oxidation identical to one seen at the mineralizd surface trace in P4 and P6; argillite also seems to contain variable amount 5-20% of vfg dissemd py; Veining: 2% qtz-calcite vns, white, fmg, random orientd, hairline-few mm thick, no vis minerztn, discrete, offset, plana r, wavy; A/ 1% qtz-sider - lim vnsorange-white, random orientd, hairline-few mm thick, vuggy, oxidzd, rare py present; B/ 0.5% qtz-py vns w coarse (few mm) py cubes, clusters within lt grey qtz, bleb-like nature; Mineraltn: py as A/ 5-25% diss in argillite B/ 1% cg in qtz vns C/ 5% in wavy py seams; @19.4m: 3 cm thick qtz-carb-lim orang-wh vein, crumbly, w mm scale fragsof host argillite and 1-2% grey metallic luster, 1-2mm euhedr galena cxls w/h the vein
24.85	25.9	ARG	VN	VFG	GYD	1 PY		6				QC	7					K965522	24.85-25.9m: Argillite with 7% of qtz-calcite (minor sider), wh veins, fmg, 62 TCA, cm's scale spaced, hairline -4 mm thick, no vis min, minor intrusion present

PROJECT: Plata

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DATE: __05-09 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
25.9	27.4	ARG		VFG	GYD	1	PY	6										K965522 K965524	25.9-27.4m: Argillite w rare qtz-carb vng as 0-12m, w minor intrn
27.4	31.2	ARG	VN	VFG	GYD	1	SP GA	1 1				QC	10					K965525 - K965528	27.4-31.2m: Argillite w minor intrn and 7-10% qtz-calcite/sider vng w 1% red-brown, 0.5mm cxls of sphalerite and 1mm galena in qtz-sider vns
31.2	33.4	ARG		VFG	GYD	0	PY	6										K965528 K965529	31.2-33.4m: Argillite w feldspath intrn as 0-12m, rare qtz-carb vng, no vis minerztn, py as 12-
33.4	34.85	ARG	VN	VFG	GYD	0	PY	6				QC	15					K965530	33.4-34.85m: Argillite w feldspath intrn as 0-12m w 15% qtz-carb (calc>sider) vng; vns are wh or
34.85	36.2	ARG		VFG	GYD	0	PY	6										K965531	34.85-36.2m: Argillite w feldspath intrn as 0-12m w rare qtz-carb vng w no vis min, py as 12-24.85m
36.2	40.5	ARG		VFG	GYD	0	PY	6										K965532 - K965534	36.2-40.5m: Argillite w intrn as 0-12m, py as 12-24.85m; graphitic component increased
40.5	44.2	ARG	VN	VFG	GYD	0	PY	6				QC	5					K965534 - K965537	40.5-44.2m: Graphitic argillite w intrn as 0-12m; py as 12-24.85m w 5% qtz-carb (calc) vng as 33.4-34.85m
44.2	49.8	BSH		VFG	BK	0	PY	6				QC	5					K965537 - K965540	44.2-49.8m: Black shale->mudstone cleaving (fissile) along planes, softer, graphitic component present, 15% of cm scale in diameter circular, lensoidal
49.8	63.4	BSH		VFG	BK	0	SP GA	1 1				QCS QC	2 5					K965540 - K965547	49.8-63.4m: Black graphitic shale w concretions as 44.2-49.8m w 5% qtz-sider vng as 33.4-34.85m, includ 2% qtz-sider-sphaler vng; up to 30% vfg py diss/in clusters/in seams in shale; Veining: as 33.4-34.85m, contains mm scale cxls of sphalerite, rarely galena; sphaler is reddish/brown, 5% max in vn

PROJECT: Plata

HOLE_ID: PL11-64

LOGGED BY: _Karin Fecova

DATE: __05-09 August 2011

LITHOLOGY						MIN			ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE			
63.4	70.97	BSH	VN	VFG	BK	0	SP PY	35				QC	50					K965548 - K965552	63.4-70.97m: Graphitic black shale w 50-60% qtz>>sider vng (resembling tectonic breccia/hydrotherm breccia-breccitd texture; vns range from hairline to massive (cm scale thick); qtz in blebs, wavy, irreg, offset,discrete, 60% lt grey-wh qtz, 40% white/creamy lt orang sider/anker; up to 20% vfg py in shale; py common in clusters in qtz, clusters at mm scale; up to 5% fcg sphalerite, commonly assoctd w sider	
70.97	71.9	BSH		VFG	BK	0	PY SP	52				QC	5					K965553	70.97-71.97m: Graphitic black shale w 5% qtz-carb hairline-mm thick vns; vfg py dissemntd in shale	
71.9	77.8	BSH	VN	VFG	BK	0	SP PY	35				QC	50					K965553 - K965556	71.97-77.8m: Graphitic shale w 50-60% qtz>>sider/anker vng, contains py and sphalerite as 63.4-70.97m; 30% sphalerite over 10 cm @ 77m	
77.8	79.8	BSH		VFG	BK	0	PY SP	52				QC	5					K965556 K965557	77.8-79.8m: Graphitic black shale w 5% qtz-sider vng; py and sphaler as 70.97-71.97m	
79.8	89	BSH	VN	VFG	BK	0	SP PY	35				QC	40					K965557 - K965561	79.8-89m: Graphitic black shale w 40% qtz-sider vng; py and sphaler as 63.4-70.97m; semi-mass sphaler (25%) over a few cm @ 84.4m and 88.75m	
89	90	BSH		VFG	BK	0	PY SP	52				QC	5					K965561 K965562	89-90m: Graphitic black shale as 77.8-79.8m	
90	97	BSH	VN	VFG	BK	0	SP PY	35				QC	30					K965562 - K965566	90-97m: Graphitic black shale w 30% qtz-sider vng; py and sphalerite as 63.4-70.97m;; interval contains 2 locations of semi-mas sphaler (30%) over 10 cm @92.8m and 94.65m	
97	98	BSH		VFG	BK	0						QC	5					K965567	97-98m: Graphitic black shalew 20% qtz-sider vng, sphaler and py as 63.4-70.97m	
98	100.47	BSH	VN	VFG	BK	0	SP PY	35				QC	20					K965567 K965568	98-100.47m: Graphitic black shale w 20% qtz-sider vng; sphaler and py as 63.4-70.97m	

PROJECT: Plata

HOLE_ID: PL11-64

LOGGED BY: _Karin Fecova

DATE: __05-09 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
100.47	108.63	lp		FMG	GRL	0	PY AS	4 2	PH	PER	2	QC	2	SER	7	KLN	4	K965569 - K965572	100.47-108.63m: Lt green-whitish fine to mg feldspathic intermed intrn, very likely qtz monzonite (identical to one in PL11-63), w 30% vfg-fg sericitzd, leght green groundmass + 40% mg (1-2mm) euhedr serictd or kaolinzd fspars+20% lt grey euhedr mg (1-2mm) qtz+1-2% 1-2mm euhedr bio and musc and 5% 1 mm diss py; qtz-carb vns are occas, random orientd, wh-lt orang, fmg, 2-6mm thick w rare sphalerite, but 5% aspy? (vfg. dk grey stains in qtz, where coarser silvery metallic luster
108.63	112.4	BSH	VN	VFG	BK	0	SP GA	1 1				QC	30					K965573 - K965575	108.63-112.4m: Graphitic black shale w 30% qtz-sider vng as 63.4-70.97m; occas sphaler; @ 111.8m: 1 cm thick planar qtz-sider vn w vcg >5mm 10% sphaler and 10% galena cxls in vn
112.4	115.82	ARG	VN	VFG	GYD	0	SP PY	1 6				QC	15					K965575 K965576	112.4-115.82m: Silicifd mudstone (argillte), non-fiss, dk grey-black w 15% qtz-sider vns, hairline to 3 mm thick, discrete. Blebs, random orientd, w up to 10% py (vfg-mg) in clusters/seams/along vn selv; rare sphaler in vns (mm cxls)
115.82	129.6	BSH		VFG	BK	0	PY	6				QC	2					K965577 - K965583	115.82-129.6m: Graphitic black shale w rare qtz-sider vns, w 10-20% py seams locatd along fissile planes (laminae or thin beds in shale), vfg-mg py present in shale
129.6	135	BSH	VN	VFG	BK	0	SP GA	1 1				QC	10					K965584 - K965586	129.6-135m: Veined black shale w 10% qtz-sider vng, w 3 locations in the intervals w mass /bxed qtz-sider vns w 80% qtz-20% sider, fmg, discrete, hydrothem bx texture, wavy, irreg; no vis minerz in these mass/bxd veins; @ 132.62m: one qtz-sider vn, mass (5 cm thick) w black shale frags, also contains minor sphaler and galena; shale hosts up to 20% vfg py diss/clustered/seams
135	139.9	BSH		VFG	BK	0	SP GA	1 1				QC	2					K965586 - K965588	135-139.9m: Black shale as 115.87-129.6m

PROJECT: Plata

HOLE_ID: PL11-64

LOGGED BY: _Karin Fecova

DATE: __05-09 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
139.9	141.3	WSH	VN	VFG	GY	0	SP GA	11				QC	2					K965589 - K965591	139.9-151.2m (incl up to 141.3m): Medium grey shale w laminae and thin beds of black shale w diss, up to 20% py, either mcg or vfg in clusters assoctd with quartz; grey shale contains higher clay content (easy to scratch with scratcher-produces white powder; 2-5% qtz-carb vng w rare sphaler and galena in vns; vns are hairline-few mm thick, random orientd, some planar, some stockwork like
141.3	142.8	VN		FMG	ORL	0	SP GA	23				QCS	50					K965591 K965592	141.3-142.8m: Semi-mass (50% intrn bleb) strong perv clay alterd sider>>qtz vn in grey shale w up to 5% sulph: sphaler&galena (fmg), some fresh, some oxid
142.8	151.2	WSH	VN	VFG	GY	0	SP GA	22				QC	5					K965593 - K965597	142.8-151.2m: Med grey shale as 139.9-151.2m
151.2	158	BSH		VFG	BK	0	SP GA	11				QC	2					K965598 - K965601	151.2-158m: Black shale w rare qtz-carb vns w rare sphaler and galenaw up to 20% vfg py, mg py in cm scale clusters assoctd w qtz
158	163	BSH	VN	VFG	BK	0	SP GA	11				QC	10					K965601 - K965604	158-163m: Veined black shale w 10% qtz-carb vns w rare sphaler and galena in them; vns are hairline to 1 cm thick (thicker->coarser+more sider, w coarser sphaler and galena cxls; py as in 151.2-158m
163	167.5	BSH		VFG	BK	0	SP GA	11				QC	2					K965604 - K965607	163-167.5m: Black shale as 151.2-158m
167.5	169.8	BSH		VFG	BK	0	PY	7				QC	2					K965608	167.5-169.8m: Black shale w 50% vfg & mg py clusters (semi-mass sulphs); py dissemtnd in shale, also in clusters assoctd w qtz
169.8	201.17	BSH		VFG	BK	0	SP GA	11				QC	2					K965609 - K965623	169.8-201.17m: Black shale w up to 20% vfg & mg py in clusters assoctd w qtz; occas qtz-carb vng (mm scale thick), some planar, some STW w minor 0.5-2 mm sphaler and galena in vns;
201.17	201.17	EOH																	201.17m: End of Hole

PROJECT: Plata

HOLE_ID: PL11-64

SAMPLED BY: _Karin Fecova

DATE: __05-09 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965509	0	12.19	12.19	HC		0.025	2.5	320	16200	0.65	10	110
K965510	12.19	13.1	0.91	HC		0.025	2.5	350	24200	0.79	10	90
K965511			0		Standard (CDN-ME-17)	0.51	25	130	360	19.30	6580	71200
K965512	13.1	14.2	1.1	HC		0.025	2.5	420	22700	1.16	20	90
K965513	14.2	15.24	1.04	HC		0.025	2.5	230	19650	1.22	70	70
K965514	15.24	16.76	1.52	HC		0.025	2.5	150	21500	1.74	170	60
K965515	16.76	17.98	1.22	HC		0.025	2.5	60	5270	1.49	40	30
K965516	17.98	18.79	0.81	HC		0.025	2.5	90	9890	1.28	30	100
K965517	18.79	19.81	1.02	HC		0.025	2.5	90	13650	1.51	260	550
K965518	19.81	21.34	1.53	HC		0.025	2.5	60	11550	1.19	20	110
K965519	21.34	22.84	1.5	HC		0.025	6	80	6580	1.51	60	310
K965520	22.84	23.86	1.02	HC		0.025	2.5	25	4390	1.72	10	260
K965521	23.86	24.88	1.02	HC		0.025	7	110	970	4.26	40	210
K965522	24.88	26.1	1.22	HC		0.32	6	130	640	5.42	140	740
K965523	26.1	27.43	1.33	HC		0.13	2.5	50	1810	3.10	30	810
K965524			0		Blank	0.025	2.5	25	120	0.44	10	30
K965525	27.43	28.3	0.87	HC		0.025	2.5	25	44900	0.73	10	470
K965526	28.3	29.16	0.86	HC		0.025	2.5	25	34900	0.50	20	260
K965527	29.16	30.48	1.32	HC		0.025	2.5	25	10650	1.09	10	650
K965528	30.48	32.48	2	HC		0.025	2.5	25	6480	1.93	120	1120
K965529	32.48	33.53	1.05	HC		0.025	2.5	25	9890	1.16	10	750
K965530	33.53	34.96	1.43	HC		0.025	2.5	50	8760	1.20	20	450
K965531	34.96	36.27	1.31	HC		0.025	2.5	60	2980	1.47	20	470
K965532	36.27	38.1	1.83	HC		0.025	2.5	25	3610	1.72	20	670
K965533	38.1	40	1.9	HC		0.025	2.5	110	1850	2.24	50	1120
K965534	40	41.72	1.72	QC		0.025	2.5	80	3880	2.55	20	520
K965535	40	41.72	1.72	QC	Duplicate of K965534	0.025	2.5	70	3770	2.30	20	400
K965536	41.72	43.6	1.88	HC		0.025	2.5	70	12250	2.52	20	1200
K965537	43.6	45.59	1.99	HC		0.025	2.5	50	1290	2.78	10	980
K965538	45.59	47.24	1.65	HC		0.025	2.5	80	1300	2.80	20	1020
K965539	47.24	49.58	2.34	HC		0.025	2.5	70	1550	2.72	20	1080

PROJECT: Plata

HOLE_ID: PL11-64

SAMPLED BY: _Karin Fecova

DATE: __05-09 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965540	49.58	51.17	1.59	HC		0.025	2.5	70	1450	2.57	20	1080
K965541	51.17	53.34	2.17	HC		0.025	2.5	70	1610	3.38	30	1740
K965542	53.34	54.86	1.52	HC		0.025	2.5	100	2340	1.91	50	2210
K965543	54.86	55.89	1.03	HC		0.025	2.5	80	3650	1.32	20	2280
K965544	55.89	57.3	1.41	HC		0.025	2.5	70	2640	1.56	50	2660
K965545	57.3	58.75	1.45	HC		0.025	2.5	100	2480	2.68	30	1690
K965546	58.75	61.4	2.65	HC		0.025	2.5	80	1650	3.36	130	1560
K965547	61.4	63.4	2	HC		0.025	2.5	80	1780	3.52	180	1750
K965548	63.4	65.23	1.83	HC		0.025	11	90	2850	3.34	300	1180
K965549	65.23	67.06	1.83	HC		0.025	8	90	2450	2.46	120	810
K965550					Standard (CDN-GS-5G)	4.3499999	96	90	3310	3.29	940	3050
K965551	67.06	69.35	2.29	HC		0.025	16	300	2230	3.79	480	2140
K965552	69.35	70.97	1.62	HC		0.025	2.5	90	5220	2.68	20	850
K965553	70.97	72.3	1.33	HC		0.025	6	90	3930	3.23	40	1760
K965554	72.3	74.6	2.3	HC		0.025	6	50	3330	1.49	30	760
K965555	74.6	77.11	2.51	HC		0.025	5	70	3370	2.30	30	2050
K965556	77.11	79.35	2.24	HC		0.025	2.5	120	2460	3.31	90	10350
K965557	79.35	81.65	2.3	HC		0.025	10	120	2460	2.90	200	5820
K965558	81.65	83.65	2	HC		0.025	2.5	110	2300	3.13	90	4370
K965559	83.65	85.29	1.64	HC		0.025	2.5	120	1790	3.19	70	7580
K965560	85.29	87.45	2.16	HC		0.025	8	120	1440	2.86	170	1610
K965561	87.45	89.22	1.77	HC		0.025	2.5	110	1750	2.89	90	2400
K965562	89.22	91.29	2.07	HC		0.025	6	110	3020	3.66	100	1580
K965563	91.29	93.2	1.91	HC		0.025	17	170	1170	2.89	3460	5680
K965564	93.2	95.3	2.1	HC		0.025	11	140	1540	2.45	1660	8870
K965565			0		Blank	0.025	2.5	25	110	0.45	10	80
K965566	95.3	97.05	1.75	HC		0.025	6	130	1510	2.91	110	940
K965567	97.05	99.05	2	HC		0.025	6	130	1460	3.17	120	1080
K965568	99.05	100.47	1.42	HC		0.025	7	110	2220	2.27	30	1080
K965569	100.47	102.32	1.85	HC		0.025	2.5	170	26700	1.34	260	2590

PROJECT: Plata

HOLE_ID: PL11-64

SAMPLED BY: _Karin Fecova

DATE: __05-09 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965570	102.32	104.22	1.9	HC		0.025	2.5	110	20500	0.92	120	1050
K965571	104.22	106.34	2.12	HC		0.025	2.5	120	12600	1.10	80	1690
K965572	106.34	108.63	2.29	HC		0.025	2.5	80	10550	1.06	110	2260
K965573	108.63	111.42	2.79	HC		0.025	14	130	3060	3.93	280	3640
K965574	111.42	111.42	0	QC		0.025	15	60	3980	1.91	1050	940
K965575	111.42	113.41	1.99	QC	Duplicate of K965574	0.025	26	70	7620	2.01	780	1150
K965576	113.41	115.82	2.41	HC		0.025	5	25	8290	2.06	300	1600
K965577	115.82	119.7	3.88	HC		0.025	2.5	90	4030	1.87	580	2990
K965578	119.7	121.2	1.5	HC		0.025	2.5	90	1370	2.59	160	1390
K965579	121.2	123.35	2.15	HC		0.025	2.5	60	2320	2.04	330	720
K965580	123.35	124.85	1.5	HC		0.025	2.5	110	1080	3.19	60	350
K965581	124.85	126.49	1.64	HC		0.025	2.5	80	1810	2.54	40	450
K965582	126.49	128.53	2.04	HC		0.025	6	50	3420	1.92	40	530
K965583	128.53	129.59	1.06	HC		0.025	2.5	25	4750	1.71	50	920
K965584	129.59	131.65	2.06	HC		0.025	2.5	50	6780	1.63	220	2610
K965585	131.65	133.81	2.16	HC		0.025	13	70	3850	1.49	1580	5540
K965586	133.81	135.81	2	HC		0.025	2.5	100	5170	2.67	90	1600
K965587	135.81	138.68	2.87	HC		0.025	7	90	3000	2.93	540	5000
K965588	138.68	139.84	1.16	HC		0.025	57	130	4790	4.66	1980	11950
K965589	139.84	140.82	0.98	HC		0.025	13	25	9980	3.62	740	3830
K965590			0		Standard (CDN-ME-12)	0.39	52	100	520	4.59	2110	2730
K965591	140.82	141.68	0.86	HC		0.025	7	25	3650	2.69	740	2720
K965592	141.68	142.85	1.17	HC		0.025	21	70	2010	5.39	2280	11650
K965593	142.85	144.13	1.28	HC		0.025	13	25	3480	2.23	640	2110
K965594	144.13	145.39	1.26	HC		0.025	11	25	2260	1.86	670	2140
K965595	145.39	146.92	1.53	HC		0.025	9	25	5440	1.62	670	2650
K965596	146.92	148.87	1.95	HC		0.025	29	25	3250	1.98	1460	3130
K965597	148.87	151.09	2.22	HC		0.025	19	25	15800	1.80	460	1260
K965598	151.09	152.37	1.28	HC		0.025	32	25	8340	2.18	670	1930
K965599	152.37	154.26	1.89	HC		0.025	5	25	2140	2.93	70	240

PROJECT: Plata

HOLE_ID: PL11-64

SAMPLED BY: _Karin Fecova

DATE: __05-09 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965600	154.26	155.78	1.52	HC		0.025	19	25	24900	2.40	660	1180
K965601	155.78	158.22	2.44	HC		0.025	13	25	3110	2.30	350	520
K965602	158.22	158.96	0.74	HC		0.025	23	25	8690	1.96	320	1680
K965603	158.96	161.48	2.52	HC		0.025	21	25	26100	1.79	340	1330
K965604	161.48	163.75	2.27	HC		0.025	10	25	26800	2.38	450	1420
K965605	163.75	165.43	1.68	HC		0.025	2.5	25	3220	2.87	310	1240
K965606	165.43	167.63	2.2	HC		0.025	2.5	60	1730	3.18	460	1340
K965607			0		Blank	0.025	2.5	25	420	0.56	10	40
K965608	167.63	169.88	2.25	HC		0.025	10	60	2150	9.06	90	660
K965609	169.88	172.07	2.19	HC		0.025	5	25	1860	2.98	30	230
K965610	172.07	174.2	2.13	HC		0.025	5	25	2640	3.14	150	750
K965611	174.2	176.34	2.14	HC		0.025	7	70	3170	2.89	400	1550
K965612	176.34	178.58	2.24	HC		0.025	5	25	2690	2.52	70	190
K965613	178.58	180.77	2.19	HC		0.025	5	25	4650	2.04	90	320
K965614	180.77	182.86	2.09	HC		0.025	2.5	25	3970	2.85	70	250
K965615	182.86	185.02	2.16	HC		0.025	2.5	50	4760	2.73	80	270
K965616	185.02	187.15	2.13	HC		0.025	5	25	1920	3.89	120	470
K965617	187.15	189.17	2.02	HC		0.025	2.5	25	2380	3.32	60	650
K965618	189.17	191.41	2.24	HC		0.025	2.5	25	3280	3.15	80	560
K965619	191.41	193	1.59	HC		0.025	2.5	60	2860	2.58	20	610
K965620	193	194.89	1.89	HC		0.025	2.5	25	2490	3.73	20	390
K965621	194.89	196.93	2.04	HC		0.025	2.5	25	3440	3.27	20	240
K965622	196.93	199.2	2.27	HC		0.025	2.5	25	3550	3.13	20	220
K965623	199.2	201.17	1.97	HC		0.025	2.5	25	7030	3.47	60	230

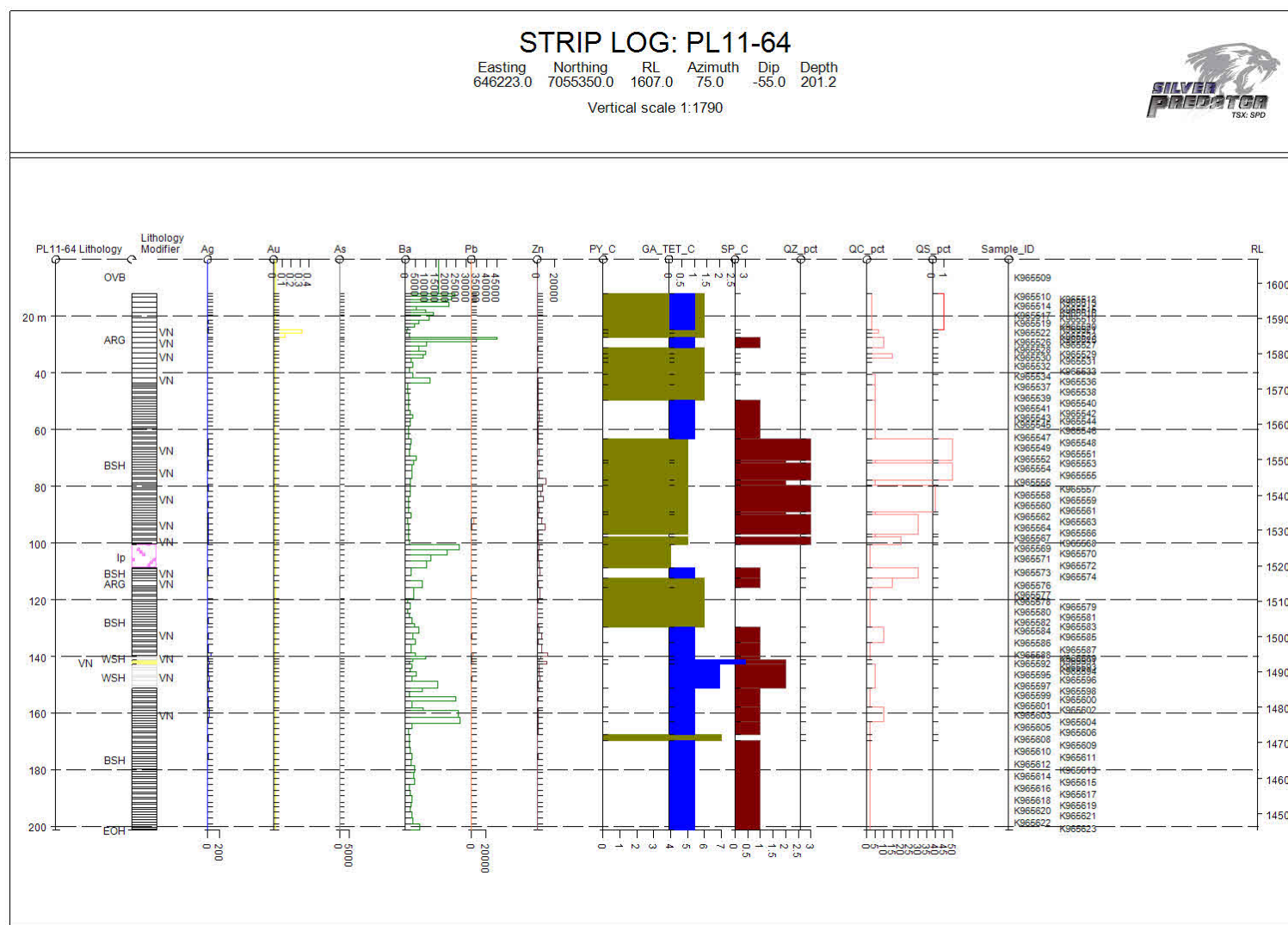


Figure 11. Strip log PL11-64. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-65

PROJECT: Plata

PROSPECT: Etzel

PROJECT CODE: PL

TARGET: P6 vein

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Shawn Ladret

DRILLHOLE SUMMARY

FROM / TO (M):

START DATE / TIME: 7-Aug-11

FINISH DATE / TIME: 11-Aug-11

LOGGED BY: Karin Fecova

DATE: 10-13 August 2011

NAD83-8N UTM E: 646223

NAD83-8N UTM N: 7055350

ELEVATION (M): 1607

HOLE DIP: 50

HOLE AZIMUTH: 40

TOTAL LENGTH: 195.07

HOLE TYPE: DD

CORE SIZE: HTW and NTW

CASING DEPTH (M): 4.56

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: N

BOTTOM LINE: n/a

TOOL TYPE: n/a

SAMPLES: K965624-K965761

138 samples

0-5.96

5.96-19.81

19.81-43.8

43.8-59.44

59.44-61.7

61.7-65.23

65.23-74.07

74.07-80.37

80.37-84

84-88.1

88.1-100.3

100.3-102

102-105

105-111.25

111.25-114.4

114.4-130.9

130.9-152

152-156

156-163

163-195.07

195.07

Overburden; black argillite (silicified mudstone) with occasional quartz-carbonate veining

Black argillite with light grey bands/blebs of feldspathic intrusion; rare-5% quartz-siderite veining and up to 15% very fine grained pyrite disseminated in the host; trace sphalerite and galena

Alternating black graphitic shale with subordinate black argillite and intrusion bands and blebs; up to 20% very fine grained pyrite; occasional quartz-siderite-minor sphalerite and galena veining

Alternating grey argillite and grey shale with occasional quartz-carbonate veining; common py, tr gal

Black shale intercal with grey shale subunits; domint brecciatd texture; discrete, dense qtz-carb veing

Alternating black shale and black argillite with minor feldspathic intrusion bands and minor concretions; occassional quartz-carbonate veining with minor sphalerite and galena

Black shale-qtz breccia with 45-50% qtz-sider veining with 2-3% sphal and 1% gal; up to 20% py

Lt green fspar-qtz phyr qtz monzonite with sericitd fspar-rich groundmass; 5% qtz-sider-gal-sphal veing

Black shale-quartz-siderite breccia with up to 5% sphalerite and galena

Alternating bk shale and bk argillite with occasional qtz-sider veing with 2-3% sphal and gal and minor cpy

Black shale-quartz breccia with a few quartz-siderite planar veins cross-cutting breccia; abundant py

Alternating black shale and black argillite with rare quartz-siderite veining with trace sphalerite and galena

Black shale-quartz breccia with 20% veining and sphalerite and galena; pyrite common

Alternating grey argillite and grey and bk shale with abundant pyr and with occasional qtz-carb veing

Alternating black shale and black argillite with minor quartz-carbonate veining and trace sphalerite

Black shale with 10% quartz-carbonate veining; minor feldspathic intrusion bands and concretions present

Alternating gy argilte and gy shale with 10-15% qtz-sider-1-5% sphal-1-2% gal-1-2% tetrahed veins; 15% pyr

Black shale with up to 50% very fine grained py disseminated in shale; occas qtz-carb veing with minor sphal

Fine laminatd and thin bedded bk and gy shale and siltstone with 30% qtz-sider-minor sphal, gal/tetrah veing

Black and dark grey shale/siltstone with subordinate intercalation with light grey shale/siltstone; rare quartz-carbonate veining with trace sphalerite and galena and chalcopyrite

End of hole

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
DH SURVEYED (Y/N): Y	27.4	44.0	-49.5
DH SURVEYED BY: Shawn Ladret	103.6	40.8	-49.2
DH SURVEY TOOL: Reflex-multiple shot	195.1	40.9	-48.5

PROJECT: Plata

HOLE_ID: PL11-65

LOGGED BY: _Karin Fecova

DATE: __10-13 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	5.96	OVb																	0-5.96m: Overburden; Black argillite w quartz-carbonate veining
5.96	10.67	ARG		VFG	BK	0	PY	3				QC	1					K965624 - K965626	5.96-10.67m: Black silicified mudstone (argillite) w rare qtz-carbonate veing; vfg py dissemtnd in the host; argillite contains light grey bands/blebs of intrsn (feldspathic, made off spar crystals) at cm's scale
10.67	14	ARG	VN	VFG	BK	1	SP GA	1 1				QC	5					K965626 - K965628	10.67-14m: Black argillite w 5% qtz-iron oxide-sider veing; if any suplhs present, they are oxidzd, hard to spot them in veins, perhaps minor sphalerite (reddish, translucent) and minor galena (greyish); veins range from hairline-STW at cm's thickenss, very oxidzd on fracs, crumbly, most of vns are discrete, offset; argillite contains thin bands (few mm-cm) of intrn & vfg dissemtnd py in host rock
14	19.81	ARG		VFG	BK	1	PY	4				QC	1					K965628 - K965634	14-19.81m: Black argillite as 5.96-10.67m, up to 15% vfg dissemtnd py
19.81	26.8	BSH	VN	VFG	BK	0	SP GA	1 1				QC	20					K965635 - K965639	19.81-26.8m: Black shale (softer, higher graphitic content) w subordinate (harder) argillite and w intrn bands and blebs, w up to 20% vfg py in thin (mm-cm) bands or blebs/clusters; w qtz-carbonate (sider) veing, all brecciated (veins and black shale); @ 22.96m: 2 cm thick, 10 cm long, 20 deg TCA, mass ga>sider>qtz vn, spectacular narrow interval (photo); otherwise minor galena & sphaler in qtz-sider vng
26.8	33	BSH		VFG	BK	0	SP GA	1 1				QC	2					K965639 - K965643	26.8-33m: Black shale/argillite w occas mm scale qtz-sider vns w minor galena and sphalerite in vns; w up to 20% py vfg, dissemtnd in host as seams, bands, clusters within quartz or cg xls within vfg bands; concretions and bands present in host; @30.5m: semi-mass qtz-carb/sider-iron oxid vn w frags of shale, vugs, py, but no visble galena or sphalerite

PROJECT: Plata

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DATE: __10-13 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
33	43.8	BSH		VFG	BK	0	SP GA	11				QC	5					K965643 - K965652	33-43.8m: Black shale/argillite as 26.8-33m but with 5% veing
43.8	59.44	WSH		VFG	GY	0	PY GA	71				QC	10					K965652 - K965661	43.8-59.44m: Grey argillite/shale, white clay when scratched, but still fairly hard w qtz-carbon vng, hairline to few mm thick, some subll laminae/beds, some random orientd, w py in vns; vfg-cg py in vns and host, as individ cxls and as vfg-fg blebs, bands, seams; this unit is very heavy, packed with semi-mass py (seems to be replacemnt though); perhaps minor galena (vfg, grey) in vns; grey shale likely with higher clay content, appears to have a combination of brecciatd+mass texture, hard to see bedding
59.44	61.7	BSH	VN	VFG	BK	0	PY	6				QC	40					K965662 K965663	59.44-61.7m: Black shale intercalatd w a few grey shale units; domint breccitd texture; discrete, dense qtz-carbonate veing, STW, w hairline to semi-mass vns, vuggy, random orientd; semi-nass vns contain fg py in clusters, sericite, no sphalerite and galena observed
61.7	65.23	BSH		VFG	BK	0	SP GA	11				QC	5					K965664 K965665	61.7-65.23m: Black shale/argillite w minor intrn bands, minor concretions and occassional qtz carbonate vng, mm scale thick, w minor sphalerite>galena in vns; vns are wh, fmg and random orientd
65.23	74.07	BSH	VN	VFG	BK	0	SP GA	21				QC	45					K965666 - K965671	65.23-74.07m: Black shale-qtz breccia (breccitd host and vns); 45-50% qtz-sider veing w 2-3% mm scale sphaler cxls, 1% galena (2mm cxls) in veins; pyrite is abundnat (up to 20%) as dissemntd in shale and icluded in qtz vns; no orientn on veins (all random orientd and brecciated); massive qtz-sider-sphaler/galena vns @ 66.3 and @ 72m; @ 68.3m: tetrahedr?, silvery, fg, 2-3mm in qtz-sider vn

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DATE: __10-13 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	MIN1 % CODE	ALT MIN2	MIN2 % CODE		
74.07	80.37	lp		FMG	GRL	0	SP TET	31	PH	PER	3	QC	5	SER	7	KLN	2	K965672 - K965676	74.07-80.37m: Light green qtz monzonite w sericitzd 60% fg fspar groundmass, 20% 1-2mm euhedr fspars altered to sericite/muscovite/kaolinite; 20% lt grey subhedral qtz, 2-3% euhedr 1-2mm biotite&muscovite; sider-qtz-sphaler-tetrahed-galena vns: 5% vng, some semi-mass (5 cm thick)-2mm thick, random orientd, fairly planar; up to 10% 1 cm very coarse sphaler in vns, 1-2% mm scale cxls, silvery, bluish, often vfg, stain-like tetrah (galena) in vns; @75m massive sider-qtz vn
80.37	84	BSH	VN	VFG	BK	0	SP GA	21				QC	45					K965677 - K965679	80.37-84m: Brecciated black shale-black shale-qtz breccia w qtz-sider bxd vns w up to 5% sphaler+gal locally in qtz-sider breccia; two semi-mass vns at 84-84.61m: 2 cm thick, fmg, w up to 10% cg sphaler+galena
84	88.1	BSH		VFG	BK	0	SP GA	11				QC	3					K965680 - K965682	84-88.1m: Black shale argillite w occasional qtz-carbonate vng, mm scale thick, wh, fmg, 2-3% sphaler+gal, in one case cpy (Au?) -very yellowish metal luster in sider>qtz vns; py up to 20-25%, commonly in cm scale thick bands ll bedding in shale; qtz-sider vns w sphaler-gal-cpy at 45 deg TCA
88.1	100.3	BSH	VN	VFG	BK	0	SP GA	21				QC	40					K965683 - K965691	88.1-100.3m: Black shale-qtz-sider breccia as 80.37-84m, a few qtz-sider vns, seem to be planar and cross-cutting breccia, py abundant as dissemntn in shale; 99-100.25m: semi-mass py in black shale (up to 60-70%)
100.3	102	BSH		VFG	BK	0	SP GA	11				QC	1					K965691 K965692	100.3-102m: Black shale/arglte w rare qtz-sider hairline-mm scale vng w trace sphaler+galena
102	105	BSH	VN	VFG	BK	0	SP GA	51				QC	20					K965693 - K965695	102-105m: Black shale-qtz-sider breccia w 20% vng; 104.8-105m: mass sider-qtz-semi mass sphaler-gal vn bx; py in shale as vfg in seams

PROJECT: Plata

HOLE_ID: PL11-65

LOGGED BY: _Karin Fecova

DATE: __10-13 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
105	111.25	WSH		VFG	GY	0	PY	5				QC	2					K965695 - K965700	105-111.25m: Grey shale/arglte w abundt py-vfg,diis and in clusters in qtz; shale is intercaltd w black shale bands at cm scale; qtz-carb vng:mm thick, bxd, discrete, 2-3%, no vis min
111.25	114.4	BSH		VFG	BK	0	SP PY	1 5				QC	1					K965700 K965701	111.25-114.4m: Black shale/argilte w minor qtz-carb vng and trace sphaler in mm thick vns, py in shale
114.4	115.8	BSH	VN	VFG	BK	0	PY	4				QC	10					K965702	114.4-115.8m: Black shale w 10% qtz-carb vng, wh, fmg, w no vis min
115.8	130.9	BSH		VFG	BK	0	SP TET	1 1				QC	2					K965703 - K965712	115.8-130.9m: Black shale w minor qtz-carb vng, fmg, wh, no vis min, shale contains minor intrusion bands w fspar cxls=fspathic intrn and concretion/nodules pick up again from 124m
130.9	141	WSH	VN	VFG	GY	0	SP TET	3 2				QC	10					K965713 - K965721	130.9-141m: Grey shale/ argilte (hard to scratch)w up to 10-15% qtz-carb(sider)-sphaler-gal-tetr vns; qtz-carb vng is both stw and planar; planar vns are 10-20TCA, some 30-40 TCA; w creamy, fmg, bxd, discrete, cross-cutting each other, hairline to cm thick; sphaler ranges from 1-5% in vns, fcg, assoctd w gal or tetr (where silvery-bluish fg min-called tetrahedrite; where cg, cubic cleavage present-called galena), 1-2% mcg gal in vns, 1-2% vfg-fg tetr in vns, up to 15% vfg py domint in clusters
141	152	SST	VN	FG	GY	0	SP GA	2 1				QC	10					K965721 - K965728	141-152m: Similar unit as 130.9-141m, but it seems to have coarser grain, bk grey-dk gy intcaltd silst w qtz-sider and qtz vns, 10% vng, wh, fmg, w minor sphaler>gal-tetr? and abundant py (up to 20%); py in clusters, seams, as inclusions in qtz, diss in host; vns are commonly mm scale thick w mg sphaler (up to 3%), mcg gale, vfg tetr?; 150.2-150.6m: Semi-mass qtz-sider vns, mostly lt orange, mg, cg sphaler (5%), cg gal (2%), crumbly
152	156	BSH		VFG	BK	0	PY SP	7 1				QC	1					K965729 - K965732	152-156m: Black shale w up to 50% of vfg diss py in shale, some qtz-carb vng w minor sphaler

PROJECT: Plata

HOLE_ID: PL11-65

LOGGED BY: _Karin Fecova

DATE: __10-13 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
156	163	BSH	VN	VFG	GYD	0	SP GA	11				QC	30					K965733 - K965738	156-163m: Black and grey shale and siltstone, finely laminatd and thinly bedded w qtz-carb (sider) vng; 30% of vns hairline to massive, some wh, some lt orange (orange: sider>>qtz); also commonly contain minor sphaler, ga (tetrah-vfg), mass qtz>>carb vns are 10cm thick, appear to have, no vis min, at 160.11-160.30m and 161.36-161.66m, some vn stw, some planar (0-50 deg TCA)
163	195.07	BSH		VFG	GYD	0	SP PY	13				QC	2					K965738 - K965761	163-195.07m: Black-dk grey shale/silstone intercaltd w lt grey shale/siltst at 169-173m; rare qtz-carb vng, wh, fmg, hairline to mm thick w trace sphaler and cpy; a few semi-mass qtz-carb vns w no vis min at 180.64-181m, 185.5-185.7m; also semi-mass qtz>>sider and sider>>>qtz vns, up to 3% sphaler and galena at 182.8m (1cm thick, fmg), at 189.2-189.3m (5 cm thick, fcg), at 189.6-189.9m (II TCA, 2cm thick, mcg), 190.1-190.2m (II TCA, 1 cm thick, fmg), py as fg clusters in qtz, in bands, 10% py in host
195.07	195.07	EOH																	195.07m: End of hole

PROJECT: Plata

HOLE_ID: PL11-65

SAMPLED BY: _Karin Fecova

DATE: __10-13 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965624	5.96	7.87	1.91	HC		0.025	2.5	310	15700	1.08	70	260
K965625	7.87	10.27	2.4	HC		0.025	2.5	520	29000	1.04	90	110
K965626	10.27	11.85	1.58	HC		0.025	2.5	470	27700	1.11	30	270
K965627	11.85	13.12	1.27	HC		0.025	2.5	340	50000	1.15	40	220
K965628	13.12	14.28	1.16	HC		0.025	2.5	350	23600	1.26	50	140
K965629	14.28	15.85	1.57	HC		0.025	2.5	220	11000	1.68	50	120
K965630	15.85	17.05	1.2	HC		0.025	2.5	160	15700	1.81	40	230
K965631	17.05	17.98	0.93	HC		0.025	2.5	130	3650	1.81	60	190
K965632	17.98	18.94	0.96	HC		0.025	2.5	110	2900	1.41	70	110
K965633	-	-	-	-	Blank	0.025	2.5	25	100	0.44	10	20
K965634	18.94	19.81	0.87	HC		0.025	2.5	160	1120	2.17	30	170
K965635	19.81	20.81	1	HC		0.025	28	120	3750	2.43	480	4130
K965636	20.81	22.78	1.97	HC		0.025	2.5	100	1350	3.54	60	1440
K965637	22.78	23.31	0.53	HC		0.025	61	80	4080	3.51	21600	2840
K965638	23.31	25.3	1.99	HC		0.025	5	50	3390	2.86	150	1360
K965639	25.3	27	1.7	HC		0.025	7	60	8240	1.95	140	2510
K965640	27	28.35	1.35	HC		0.025	6	25	3200	2.25	90	1110
K965641	28.35	30.28	1.93	HC		0.025	22	90	3030	2.47	620	3790
K965642	30.28	31.65	1.37	HC		0.025	9	140	4600	1.86	210	3850
K965643	31.65	33.15	1.5	HC		0.025	10	100	19900	2.19	30	1920
K965644	33.15	35.05	1.9	HC		0.025	2.5	80	30600	1.66	20	1130
K965645	35.05	36.21	1.16	QC		0.025	2.5	60	50000	2.12	20	810
K965646	35.05	36.21	1.16	QC	Duplicate of K965645	0.025	2.5	70	50000	2.12	10	840
K965647	36.21	37.3	1.09	HC		0.025	2.5	90	6070	2.57	20	1210
K965648	37.3	38.83	1.53	HC		0.025	2.5	60	5740	3.55	20	1140
K965649	38.83	40.8	1.97	HC		0.025	2.5	70	3590	2.54	10	1250
K965650	40.8	41.77	0.97	HC		0.025	7	50	49100	2.35	20	930
K965651	41.77	43.57	1.8	HC		0.025	2.5	25	13900	2.37	20	780
K965652	43.57	44.81	1.24	HC		0.025	2.5	25	1730	3.09	10	630
K965653	44.81	46.4	1.59	HC		0.025	2.5	25	3370	1.83	10	160
K965654	46.4	47.94	1.54	HC		0.025	2.5	25	3270	1.96	20	170

PROJECT: Plata

HOLE_ID: PL11-65

SAMPLED BY: _Karin Fecova

DATE: __10-13 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965655	47.94	50.29	2.35	HC		0.025	2.5	25	4970	1.71	20	570
K965656	50.29	52.43	2.14	HC		0.025	2.5	25	2380	3.25	40	720
K965657	52.43	53.95	1.52	HC		0.025	2.5	25	4090	1.95	40	480
K965658	53.95	55.71	1.76	HC		0.025	2.5	25	1300	3.99	50	690
K965659	-	-	-	-	Standard CDN-ME-17	0.58	31	150	360	19.55	6870	75100
K965660	55.71	57.22	1.51	HC		0.025	2.5	25	2110	3.80	120	920
K965661	57.22	59.44	2.22	HC		0.025	2.5	25	2820	2.64	130	930
K965662	59.44	61.01	1.57	HC		0.025	5	25	6650	1.75	150	1150
K965663	61.01	61.65	0.64	HC		0.025	9	25	3260	2.37	50	650
K965664	61.65	63.38	1.73	HC		0.025	13	70	7560	3.14	50	1400
K965665	63.38	65.17	1.79	HC		0.13	6	60	2470	3.31	180	1250
K965666	65.17	66.6	1.43	HC		0.025	6	80	3860	2.23	120	2080
K965667	66.6	68.06	1.46	HC		0.025	36	180	3440	3.68	1120	20500
K965668	68.06	69.2	1.14	HC		0.025	6	80	3270	2.88	240	2480
K965669	69.2	71	1.8	HC		0.025	2.5	90	2820	2.47	70	1300
K965670	71	72.66	1.66	HC		0.025	16	130	3350	2.37	250	1180
K965671	72.66	74.07	1.41	HC		0.025	2.5	180	2880	3.35	110	1470
K965672	74.07	75.6	1.53	HC		0.025	5	70	7690	4.61	100	3340
K965673	-	-	-	-	Blank	0.025	2.5	25	25	0.49	10	40
K965674	75.6	76.91	1.31	HC		0.025	2.5	110	5730	1.17	140	3600
K965675	76.91	78.51	1.6	HC		0.025	2.5	60	8030	0.99	130	1410
K965676	78.51	80.37	1.86	HC		0.025	2.5	80	10950	0.89	150	1810
K965677	80.37	81.4	1.03	HC		0.025	2.5	120	2970	1.82	30	1640
K965678	81.4	82.9	1.5	HC		0.025	19	130	3140	1.72	30	1010
K965679	82.9	84.08	1.18	HC		0.025	2.5	100	2190	2.67	30	1140
K965680	84.08	85.59	1.51	HC		0.025	23	250	810	4.60	130	1140
K965681	85.59	86.84	1.25	HC		0.025	7	320	2530	4.45	40	1230
K965682	86.84	88.14	1.3	HC		0.025	2.5	140	1530	3.23	20	560
K965683	88.14	90.34	2.2	QC		0.025	2.5	50	2950	1.86	280	3080

PROJECT: Plata

HOLE_ID: PL11-65

SAMPLED BY: _Karin Fecova

DATE: __10-13 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965684	88.14	90.34	2.2	QC	Duplicate of K965683	0.025	2.5	90	2950	1.72	250	2670
K965685	90.34	91.34	1	HC		0.025	9	80	1800	4.87	150	790
K965686	91.34	92.7	1.36	HC		0.025	2.5	90	1650	3.24	210	430
K965687	92.7	94.34	1.64	HC		0.025	8	80	1550	3.38	120	800
K965688	94.34	96.29	1.95	HC		0.025	19	80	2610	2.43	160	1680
K965689	96.29	97.95	1.66	HC		0.025	2.5	90	1740	2.62	70	510
K965690	97.95	99.53	1.58	HC		0.025	2.5	90	2790	2.86	80	800
K965691	99.53	100.58	1.05	HC		0.025	13	440	620	6.33	60	480
K965692	100.58	102.02	1.44	HC		0.025	14	70	1520	3.08	30	190
K965693	102.02	103.33	1.31	HC		0.025	25	160	2150	4.29	130	960
K965694	103.33	104.13	0.8	HC		0.025	2.5	130	990	5.26	200	1170
K965695	104.13	105.77	1.64	HC		0.025	25	280	2550	4.69	1310	55700
K965696	-	-	-	-	Standard CDN-GS-5G	4.83	110	90	5980	3.42	940	3120
K965697	105.77	107.7	1.93	HC		0.025	2.5	25	23000	2.36	10	900
K965698	107.7	109.42	1.72	HC		0.025	2.5	25	14400	1.70	110	650
K965699	109.42	110.95	1.53	HC		0.025	11	50	30300	1.92	60	630
K965700	110.95	112.85	1.9	HC		0.025	2.5	70	5500	1.37	60	1800
K965701	112.85	114.29	1.44	HC		0.025	9	60	5900	1.80	40	1980
K965702	114.29	115.92	1.63	HC		0.025	13	90	3010	1.88	20	1820
K965703	115.92	117.42	1.5	HC		0.025	2.5	60	2640	1.92	10	580
K965704	117.42	119.07	1.65	HC		0.025	2.5	70	2620	2.13	10	500
K965705	119.07	120.77	1.7	HC		0.025	2.5	50	3800	1.80	10	970
K965706	120.77	122.25	1.48	HC		0.025	2.5	90	3480	1.51	10	720
K965707	122.25	123.8	1.55	HC		0.025	2.5	100	4060	1.44	20	2300
K965708	123.8	125.24	1.44	HC		0.025	2.5	90	3360	1.48	240	1890
K965709	125.24	126.94	1.7	HC		0.025	2.5	80	2580	2.47	70	1500
K965710	126.94	128.31	1.37	HC		0.025	2.5	70	2220	2.15	70	1430
K965711	128.31	129.92	1.61	HC		0.025	5	80	2840	2.39	410	2770
K965712	129.92	130.84	0.92	HC		0.025	58	70	6680	2.78	1910	6130

PROJECT: Plata

HOLE_ID: PL11-65

SAMPLED BY: _Karin Fecova

DATE: __10-13 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965713	130.84	132.75	1.91	HC		0.025	10	25	2880	2.64	1170	2360
K965714	132.75	134.11	1.36	HC		0.025	15	25	5030	1.76	660	1930
K965715	134.11	134.87	0.76	HC		0.025	14	25	8800	2.28	1140	1450
K965716	134.87	136.03	1.16	HC		0.025	15	25	5390	1.73	400	670
K965717	136.03	138	1.97	HC		0.025	8	25	3010	1.78	1040	2390
K965718	138	139.27	1.27	HC		0.025	7	25	2730	1.77	840	2340
K965719	-	-	-	-	Blank	0.025	2.5	25	25	0.34	10	30
K965720	139.27	140.72	1.45	HC		0.025	13	25	9320	1.93	1040	2440
K965721	140.72	142.3	1.58	HC		0.025	14	25	15250	2.39	1050	1930
K965722	142.3	143.94	1.64	HC		0.025	107	25	6320	2.26	740	2440
K965723	143.94	145.29	1.35	HC		0.025	37	25	2880	2.64	1520	4530
K965724	145.29	146.87	1.58	HC		0.025	14	25	3500	2.38	500	2600
K965725	146.87	148.4	1.53	HC		0.025	16	25	9130	1.81	180	2150
K965726	148.4	150.2	1.8	HC		0.025	26	25	10300	3.15	690	5450
K965727	150.2	150.8	0.6	HC		0.025	24	25	3220	7.96	2010	15600
K965728	150.8	151.95	1.15	HC		0.025	11	25	3150	3.21	830	2880
K965729	151.95	153.46	1.51	HC		0.025	7	25	3720	3.16	140	630
K965730	153.46	154.43	0.97	HC		0.025	10	50	1320	4.52	270	1380
K965731	-	-	-	-	Standard CDN-ME-12	0.4	2.5	100	530	4.63	2160	2700
K965732	154.43	156.07	1.64	HC		0.025	2.5	60	4610	6.63	90	2170
K965733	156.07	158	1.93	HC		0.025	9	25	1570	3.66	190	1160
K965734	158	159.11	1.11	HC		0.025	13	25	2250	3.94	650	4830
K965735	159.11	160.37	1.26	HC		0.025	2.5	25	2400	3.58	300	2740
K965736	160.37	161.21	0.84	HC		0.025	2.5	25	3560	2.42	10	430
K965737	161.21	162.67	1.46	HC		0.025	2.5	25	3300	2.42	60	490
K965738	162.67	163.89	1.22	HC		0.025	2.5	25	3950	2.30	40	520
K965739	163.89	165.55	1.66	HC		0.025	2.5	60	1450	2.80	30	920
K965740	165.55	167.2	1.65	HC		0.025	5	25	2510	2.80	10	310
K965741	167.2	168.64	1.44	QC		0.025	2.5	25	2490	3.48	10	220

PROJECT: Plata

HOLE_ID: PL11-65

SAMPLED BY: _Karin Fecova

DATE: __10-13 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965742	167.2	168.64	1.44	QC		0.025	5	25	3020	3.41	10	210
K965743	168.64	169.8	1.16	HC		0.025	5	25	2290	3.49	10	250
K965744	169.8	171.3	1.5	HC		0.025	2.5	25	5750	2.87	10	310
K965745	171.3	173.15	1.85	HC		0.025	2.5	25	3020	2.88	20	350
K965746	173.15	175.07	1.92	HC		0.025	2.5	70	5250	3.16	20	180
K965747	175.07	176.6	1.53	HC		0.025	2.5	50	3810	2.62	10	230
K965748	176.6	178.5	1.9	HC		0.025	2.5	50	2890	3.29	20	220
K965749	178.5	180.44	1.94	HC		0.025	2.5	25	5590	3.33	20	210
K965750	180.44	182	1.56	HC		0.025	2.5	25	6260	3.02	20	230
K965751	182	183.49	1.49	HC		0.025	2.5	25	11250	3.25	10	210
K965752	183.49	185.09	1.6	HC		0.025	2.5	60	9100	5.64	10	240
K965753	-	-	-	-	Blank	0.025	2.5	25	100	0.44	10	20
K965754	185.09	186.54	1.45	HC		0.025	2.5	25	11950	2.88	10	210
K965755	186.54	188.03	1.49	HC		0.025	2.5	25	12700	3.10	10	210
K965756	188.03	189.09	1.06	HC		0.025	2.5	25	14750	3.26	10	240
K965757	189.09	189.59	0.5	HC		0.025	2.5	120	11350	5.12	80	940
K965758	189.59	190.26	0.67	HC		0.025	2.5	50	11350	5.78	40	3250
K965759	190.26	191.83	1.57	HC		0.025	2.5	25	12100	3.54	40	300
K965760	191.83	193.53	1.7	HC		0.025	2.5	25	12850	3.63	10	220
K965761	193.53	195.07	1.54	HC		0.025	2.5	25	11900	4.78	20	270

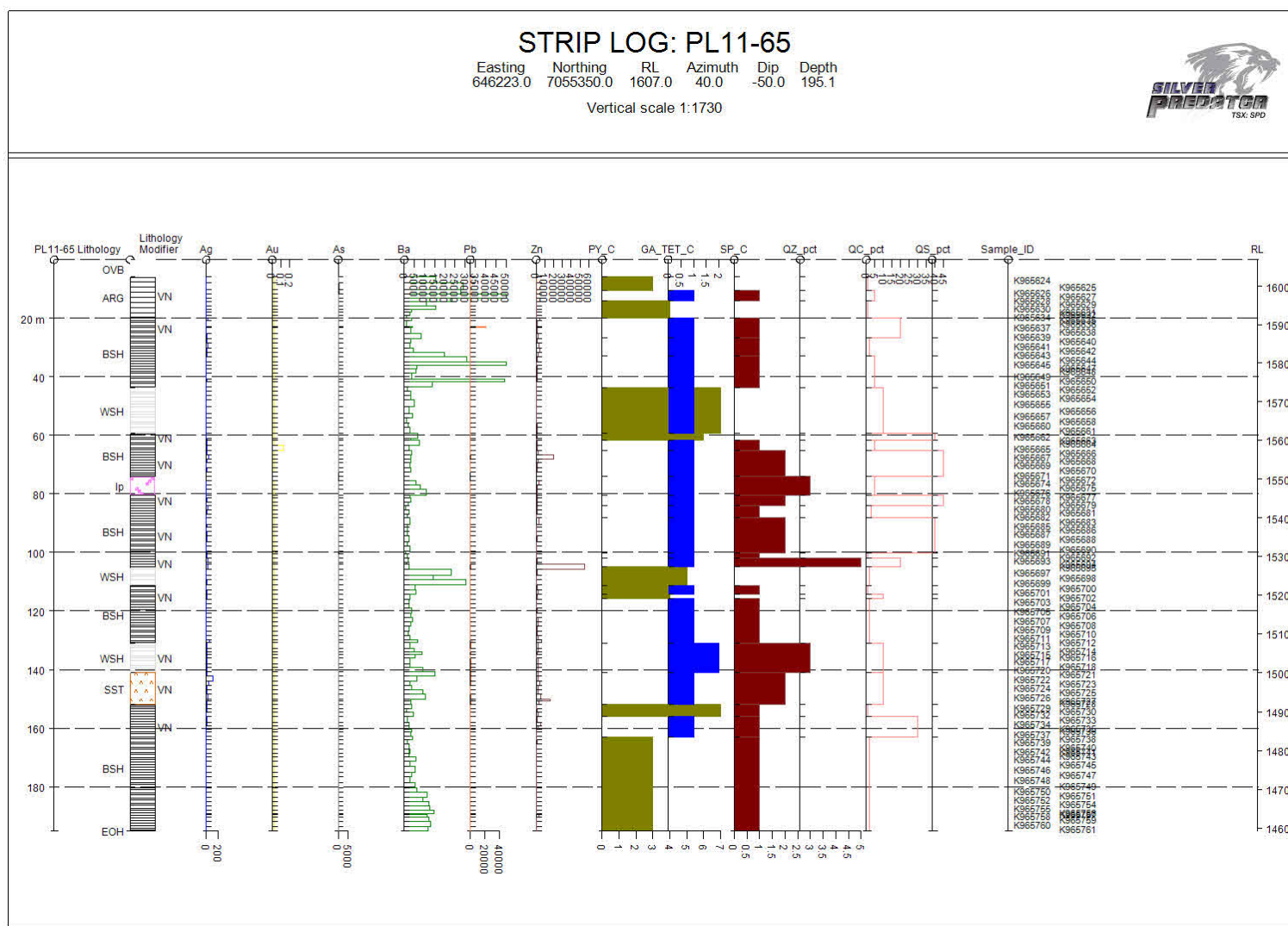


Figure 12. Strip log PL11-65. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID:	PL11-66	DRILL CONTRACTOR:	Kluane Drilling	DOWNHOLE SURVEY			
PROJECT:	Plata	DRILL:	KD600		DEPTH (M)	AZIMUTH	DIP
PROSPECT:	P2	DRILLER:	Shawn Ladret	DH SURVEYED (Y/N):	Y	12.2	300.1
PROJECT CODE:	PL	DRILLHOLE SUMMARY		DH SURVEYED BY:	Shawn Ladret	42.7	300.2
TARGET:	High grade Ag vein-P2 vein	FROM / TO (M):		DH SURVEY TOOL:	Reflex-multiple shot	88.4	300.2
START DATE / TIME:	11-Aug-11	0-3.04	Dark grey quartzite/silicified sandstone with minor siderite-quartz veins with minor sphal				
FINISH DATE / TIME:	12-Aug-11	3.04-4.57	Dark grey-light grey/green (sericitized) quartzite with 5% quartz, quartz-tourmaline and quartz-siderite veining				
LOGGED BY:	Karin Fecova	4.57-8.5	Black shale with occasional quartz-siderite veins				
DATE:	August 15-17, 2011	8.5-11.82	Light grey/green quartzite (sericitized) with occasional quartz, quartz-siderite veins				
NAD83-8N UTM E:	646579	11.82-29	Dark grey quartzite intercalated with calcareous sandstone bands; 5-7% quartz-siderite veining with minor sphalerite and galena and occasional pyrite				
NAD83-8N UTM N:	7054578	29-36.5	Light grey/green quartzite with up to 10% quartz-siderite veining with minor sphal and gal				
ELEVATION (M):	1750	36.5-47.2	Massive siderite-sphalerite-galena vein with local limonitic alteration, local semi-massive to massive sphalerite and galena				
HOLE DIP:	50	47.2-48.5	Black and grey shale with occasional quartz-siderite veins, pyrite present				
HOLE AZIMUTH:	300	48.5-53.5	Light to medium grey massive quartzite with siderite-quartz veining				
TOTAL LENGTH:	88.39	53.5-56.9	Massive siderite-sphalerite-galena vein				
HOLE TYPE:	DD	56.9-58.8	Light grey/green quartzite with black shale subunits and with 5% quartz-siderite veining with minor galena and sphalerite, pyrite present				
CORE SIZE:	NTW	58.8-60.5	Black and grey shale with 2% quartz-siderite veining with 2% sphalerite and galena				
CASING DEPTH (M):	1.52	60.5-63	Light grey/green quartzite with black shale subunits and with 3% quartz, quartz-siderite veining with sphalerite and galena, pyrite present				
COLLAR SURVEY:	Hand-held GPS	63-70	Dark grey gritty quartzite with local bands of black shale; occasional quartz and quartz-siderite veins with 2% galena and sphalerite				
ORIENTED CORE:	N	70-74.8	Massive medium grey quartzite with black shale subunits and with rare quartz-carbonate-limonite-chlorite veining				
BOTTOM LINE	n/a	74.8-79.6	Medium and light grey-green (sericitized) quartzite intercalated with brecciated black shale units, rare quartz-carbonate veins				
TOOL TYPE:	n/a	79.6-81.7	Light grey-green sericitized quartzite with up to 20% quartz-siderite veining				
SAMPLES:	K965762-K965843	81.7-83.59	Dark and medium grey quartzite with a few short black shale subunits				
	82 samples	83.59-86.2	Black soft deformed shale with short quartzite subunits, pyrite common				
		86.2-87.2	Medium grey quartzite with occasional quartz veining				
		87.2-88.39	Black shale with pyrite and rare quartz veins				
		88.39	End of hole				

PROJECT: Plata

HOLE_ID: PL11-66

LOGGED BY: _Karin Fecova

DATE: __15-17 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	3.04	QTZ		FMG	GYD	1	PY SP	21				QC QT	11					K965762 K965763	0-3.04m: Quartzite/silifd sandst/siltst (0.3-0.5mm grains); dark grey colour w short interval of brown colour; minor hairline 1-2mm thick sider-qtz stw w minor sphaler @ 1.75m with 3% , mm scale sphaler cxls; minor qtz vns with black, charcoal, vfg min (tour?) in vn selv; 2% vfg diss py, also as occas clusters in qtz-shale-qtz breccia @3.04m
3.04	4.57	QTZ	VN	FMG	GY	1	PY	4	SER	PER	3	QC QT	21					K965763 K965764	3.04-4.57m: Dark grey-light grey/green (sercitzd) qtzite w semi-mass py over 6 cm in dk grey qtzite @3.04m; 5% qtz, qtz-tour and qtz-sider/anker vng in form of stw in dk grey qtzite; a set of sheet qtz-tour (as 0-3.04m) vfg white-bk, 10 cm spaced, @ 30 deg TCA veins cross cut by qtz, wh vuggy up to 5 cm thick sheet vein set, 4-10 cm spaced, @ -50 deg TCA
4.57	8.5	BSH		VFG	BK	1	PY	4				QZ	4					K965765 - K965769	4.57-8.5m: Black shale, easy to scratch, w present qtz-carb/sider vns; abundantfg to mg py in seams, clusters, bands, up to 3 cm thick; qtz-carb vng from 7.22-7.9m, wavy, pinching, w plastically deformed bk shale frags; vng is fg, wh- creamy, no vis min, hairline-2mm thick, up to 40% @7.22-7.9m
8.5	11.82	QTZ	VN	FMG	Gyl	1	PY	3	SER	PER	3	QZ	10					K965769 - K965771	8.5-11.82m: Light grey/green qtzite (serictzd) w domint qtz vns w diffuse margs, stw like, also planar like, vuggy, vfg, milky, cross-cutting qtz-tour and qtz-sider vns, no vis min; py in clusters in qtz and with tour in qtz vn selv

PROJECT: Plata

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LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
11.82	29	QTZ	VN	FMG	GYD	1	PY SP GA/TET	3 2 1				QC	7					K965771 - K965787	11.82-29m: Dk grey qtzite intercaltd w calcareous sandst bands (1-2 cm thick)@ 12.9-13.8m; bk shale bands 3-5 cm thick are occas and assoctd w veing; 5-7% vng:1/massive qtz-sider vns (described below); 2/ planar sheet qtz>>sider vns, @ 10 cm scale spacing, wh, fg, 60-70 TCA,
29	36.5	QTZ	VN	FMG	GYL	0	SP GA/TET PY	2 1 3	SER	PER	2	QC QZ	6 5					K965787 - K965795	29-36.5m: Light grey fmg qtzite/silifd sandst, mottd by chlor hairline fracs; moder serictzd, w short grey, finely lamintd shale subunits, w up to 10% vng: 1/sheet qz vn, milky, diffuse margs, no vis min, 45 TCA, fg, minor vugs, minor carbonate, 2-3 mm thick; 2/ sider-sphaler-minor qtz mass vns: @33.3m: 20 cm thick w 70% sphaler-20% sider-5% galen/tetra in clusters, vn has bxd contact w host=sider-qtzite bx over a
36.5	47.2	VN		FMG	OBR	3	SP GA/TET	6 4	LI	PER	3							K965798 - K965808	36.5-47.2m: Mass orange-brown, sider-sphaler-galen/tet vn w loc limon altern, loc semi-mass to mass sphaler and gal/tet; qtzite-vn breccia at contacts w green-yellow stains on fracs; 37-37.1m: 70%
47.2	48.5	BSH		VFG	GYD	0	PY	4										K965808 - K965809	47.2-48.5m: Bk and grey shale w rare qtz-sider vng, py in bands, vfg, ll w laminae/beds
48.5	53.5	QTZ	VN	FMG	GYL	0	SP	1				QC	10					K965809 - K965813	48.5-53.5m: Light to medium grey mass qtzite, w sider>qtz vng (orange), planar, fmg, no vis min; qtz-sider-qtzite breccia w
53.5	56.9	VN		MCG	OBR	3	SP GA/TET	6 4										K965814 - K965818	53.5-56.9m: Mass sider-sphaler-gal/tet vn w high grade intervals: 53.6-53.8m: 40% gal/tet; 55.16-55.26m: 30% gal/tet; 55.36-55.5m: 15% gal/tet; 55.7-55.9m: 20% gal/tet
56.9	58.8	QTZ	VN	FMG	GY	0	PY	3				QC	5					K965818	56.9-58.8m: Grey (light to med) qtzite in
58.8	60.5	WSH		VFG	GY	0	SP GA/TET	1 1				QC	2					K965819 K965820	58.8-60.5: Grey and bk shale lamintd, thin beds, w 2% qtz-sider stw, hairline-few mm thick, wh-orange vns; 2% 1 mm sphaler and gal/tet in vns

PROJECT: Plata

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LITHOLOGY						MIN			ALTERATION									Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
60.5	63	QTZ		FMG	GYL	0	SP GA/TET PY	1 1 2				QC	3					K965820 K965821	60.5-63m: Light-med grey qtzite intercaltd w thin beds of bk shale and up to 3% stw vng;1/ qtz vns, few mm thick, wh, no vis min, gf; 2/ qtz-sider vns, few mmm thick, wh-orange, up to 10% sphaler+gale/tet in vns;3/ qtz-sider-chlor-py vns, up to 5 mm thick, mcg, 5% py in vn selv
63	67.5	QTZ	GRT	FMG	GYD	0	PY	2				QC	3					K965821 - K965824	63-67.5m: Dk grey, mcg qtzite, gritty, w rounded qtz grains, likely calcareous, seems to fizz around grains, loc w bands of bk shale and short beds of light grey-green serictd qtzite (this subunit tends to be stw veind); veins range from hairline to 1 cm thick, some planar, some stw; qtz and qtz-sider vns rarely contain 2% gal/tet and sphaler; also a few mm thick qtz-sider-chlor-py vns w up to 5% py in vn selv; lower part of intervals contains up to 5% fg diss py in qtzite
67.5	70	QTZ	VN	FMG	GY	0	PY	2				QC	5					K965824 - K965826	67.5-70m: Med grey fmg qtzite w occas bk shale laminae, w 5% thin hairline-few mm thick sheet qtz, qtz-sider vns w minor py and no other vis min; vns cut across lamintd qtzite at 45 TCA, spaced at few cm scale
70	71.8	QTZ		FMG	GY	0												K965826 K965827	70-71.8m: Non-veind massive medium grained qtzite
71.8	72.8	QTZ	VN	FMG	GYL	0						QC	20					K965827	71.8-72.8m: Qtzite as 70-71.8m, but also contains 2 short bk shale subunits and qtz-sider-FeOX vns inbetween and at contacts; vng is hairline-few mm thick, vuggy, oxidzd on fracs, seems to be planar, randomly oriented and no vis min

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DATE: __15-17 August 2011

LITHOLOGY						MIN			ALTERATION									Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
72.8	73.8	QTZ		FMG	GYD	0												K965828 K965829	72.8-73.8m: Qtzite w bk shale thin beds
73.8	74.8	QTZ	VN	FMG	GYD	0	PY	3				QC	20					K965828 - K965830	73.8-74.8m: Qtzite as 72.8-73.8, also @ 74.3m and 74.8m: two mass qtz-carb-limon-chlor-py vns of irreg shapes and containg pyritzd frags of shale, no vis min, oxidzd on fracs and vugs, wh-orange colour, fmg, cross-cutting the bedding
74.8	79.6	QTZ	BXD	FMG	GYD	0	PY	3				QC	2					K965830 - K965835	74.8-79.6m: Both medium to light grey-green (sericitzd) qtzite intercaltd w bxd shale unit ; shale is bk and grey, plastically and brittly deformd (soft sed deformtn? Or healed tect breccia)+ in qtzite unit , there is qtzite-qtz breccia; rare qtz-carb vns w no vis min (photo); 3% py in bk shale frags
79.6	81.7	QTZ	VN	FMG	GYL	0	PY	2				QC	20					K965836 K965837	79.6-81.7m: Light grey-green serictd qtzite w up to 20% stw vng: 2-3mm thick, discrete, bxd, w wh qtz-orange sider vns w bk chlorite and py in vn selvs, some qtz vns have diffuse margs; qtzite contains two short bk shale subunits w py clusters(replacing frags?); bxd nature of contact between qtzite and bk shale (tect breccia?) with 7 cm thick fragmentd sericitzd qtz-qtz vn+minor clay
81.7	83.59	QTZ		FMG	GY	0	PY	3				QC	2					K965838	81.7-83.59m: Dark and med grey qtzite w 0.2mm grains, w a few short bk shale subunits; bk shale appears wavy deformd (sed deform? Or reheald tect breccia?) at contacts of bk shale w qtzite

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LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
83.59	86.2	BSH		VFG	BK	0	PY	4										K965839 K965840	83.59-86.2m: Bk soft shale with short qtzite subunits;@ 1. 1/3 of the interval -bx'd apperance-tect bx? Or soft sed deformtn?; py in bands, clusters, streaks and seams; in one locatn: mylonitic appearance (plasticlly deformed bk shale-tect breccia?)
86.2	87.2	QTZ		FMG	GY	0	PY	2				QC	2					K965840 - K965842	86.2-87.2m: Med grey qtzite w occas qtz vng either II TCA or 60 TCA, wh fg no vis min
87.2	88.39	BSH		VFG	BK	0	PY	2										K965842 K965843	87.2-88.39m: Bk shale w diss py and rare qtz vns w no vis min
88.39	88.39	EOH																	88.39m:End of hole

PROJECT: Plata

HOLE_ID: PL11-66

SAMPLED BY: _Karin Fecova

DATE: __15-17 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965762	0	2.3	2.3	HC		0.025	2.5	25	930	2.63	20	570
K965763	2.3	3.42	1.12	HC		0.025	2.5	25	670	3.54	30	530
K965764	3.42	4.57	1.15	HC		0.025	2.5	25	480	2.57	30	270
K965765	4.57	5.98	1.41	HC		0.025	2.5	25	1430	4.25	50	320
K965766	5.98	7.03	1.05	HC		0.025	2.5	25	1890	2.57	30	290
K965767	7.03	7.92	0.89	HC		0.025	7	50	1850	3.14	10	300
K965768	-	-	-	-	Blank	0.025	2.5	25	25	0.53	10	40
K965769	7.92	9	1.08	HC		0.025	5	25	920	9.77	30	280
K965770	9	10.47	1.47	HC		0.025	2.5	25	1650	3.93	10	330
K965771	10.47	12.1	1.63	HC		0.025	2.5	25	260	2.60	10	140
K965772	12.1	13.44	1.34	HC		0.025	2.5	25	1400	2.77	10	250
K965773	13.44	15.05	1.61	HC		0.025	2.5	25	750	2.22	20	380
K965774	15.05	16.2	1.15	HC		0.025	2.5	25	980	3.78	40	1350
K965775	16.2	17.66	1.46	HC		0.025	2.5	25	620	1.64	30	380
K965776	17.66	18.29	0.63	HC		0.025	2.5	25	700	1.62	20	280
K965777	18.29	19.4	1.11	HC		0.025	2.5	25	1180	1.84	30	170
K965778	19.4	19.93	0.53	HC		0.025	8	25	850	2.57	520	121000
K965779	19.93	20.98	1.05	HC		0.025	2.5	70	1720	2.57	60	1870
K965780	-	-	-	-	Standard ME-17	0.53	27	110	400	19.15	6680	75400
K965781	20.98	21.9	0.92	HC		0.025	2.5	25	1240	2.32	70	590
K965782	21.9	23.43	1.53	HC		0.025	2.5	25	1090	2.03	70	720
K965783	23.43	24.63	1.2	HC		0.025	2.5	25	2370	2.88	110	2780
K965784	24.63	26.16	1.53	HC		0.025	2.5	25	1120	4.89	80	30200
K965785	26.16	28.04	1.88	HC		0.025	10	25	1160	3.02	90	260
K965786	28.04	28.81	0.77	HC		0.025	7	25	1340	5.48	60	32100
K965787	28.81	29.36	0.55	HC		0.025	5	70	1440	3.32	20	240
K965788	29.36	30.06	0.7	HC		0.025	2.5	25	1120	5.46	10	890
K965789	30.06	31.05	0.99	HC		0.025	2.5	25	750	4.37	10	16000
K965790	31.05	31.7	0.65	QC		0.025	2.5	80	1930	4.14	10	380
K965791	31.05	31.7	0.65	QC	Duplicate of K96	0.025	2.5	70	1860	3.92	10	390
K965792	31.7	33.34	1.64	HC		0.025	2.5	25	1610	2.97	20	250

PROJECT: Plata

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DATE: __15-17 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965793	33.34	33.96	0.62	HC		0.025	2.5	25	1640	11.50	290	27200
K965794	33.96	35.44	1.48	HC		0.025	2.5	25	500	2.31	10	410
K965795	35.44	36.45	1.01	HC		0.025	2.5	25	1400	2.97	40	1470
K965796	36.45	37.44	0.99	HC		0.13	25	25	190	23.60	5550	150500
K965797	37.44	38.62	1.18	HC		0.13	15	25	25	18.25	120	262000
K965798	38.62	39.79	1.17	HC		0.025	12	25	590	19.00	180	252000
K965799	39.79	41.1	1.31	HC		0.025	72	25	410	22.30	33000	149000
K965800	41.1	41.68	0.58	HC		0.025	2.5	25	200	13.45	30	33000
K965801	41.68	42.46	0.78	HC		0.025	29	25	140	15.60	1090	223000
K965802	42.46	43.48	1.02	HC		0.025	11	25	620	10.30	80	96200
K965803	43.48	44.03	0.55	HC		0.025	9	25	460	18.65	540	107000
K965804	-	-	-	-	Blank	0.025	2.5	25	25	0.53	10	420
K965805	44.03	44.69	0.66	HC		0.025	15	25	230	15.25	10	187500
K965806	44.69	45.4	0.71	HC		0.025	12	25	1110	17.10	40	89000
K965807	45.5	46.22	0.72	HC		0.025	14	60	220	17.15	80	240000
K965808	46.22	47.5	1.28	HC		0.025	2.5	90	2410	9.42	70	4680
K965809	47.5	48.9	1.4	HC		0.025	2.5	60	2080	5.70	360	8330
K965810	48.9	50.29	1.39	HC		0.025	2.5	25	400	8.20	60	2120
K965811	50.29	51.22	0.93	HC		0.025	2.5	25	1630	7.43	60	1010
K965812	51.22	51.77	0.55	HC		0.025	8	80	1130	11.85	50	1090
K965813	51.77	53.54	1.77	HC		0.025	2.5	25	490	6.63	40	1560
K965814	53.54	54.41	0.87	HC		0.025	1060	140	2100	18.95	26400	38600
K965815	54.41	55.34	0.93	HC		0.025	110	25	400	13.35	3180	300000
K965816	55.34	55.89	0.55	HC		0.025	73	25	2830	30.00	42100	12300
K965817	-	-	-	-	Standard ME-12	0.25	47	100	530	4.80	2150	2670
K965818	55.89	58.51	2.62	HC		0.025	6	50	1320	11.85	280	17600
K965819	58.51	59.11	0.6	HC		0.025	9	120	2090	6.71	2380	2070
K965820	59.11	61.15	2.04	HC		0.025	2.5	60	1700	3.23	250	920
K965821	61.15	63.17	2.02	HC		0.025	2.5	25	1260	2.63	180	350

PROJECT: Plata

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SAMPLED BY: _Karin Fecova

DATE: __15-17 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965822	63.17	64.44	1.27	HC		0.025	2.5	60	1150	2.44	30	150
K965823	64.44	66.45	2.01	HC		0.025	2.5	25	910	2.31	180	360
K965824	66.45	68.26	1.81	HC		0.025	2.5	25	1130	2.33	20	170
K965825	68.26	69.7	1.44	HC		0.025	2.5	25	1010	1.92	30	180
K965826	69.7	71.64	1.94	HC		0.025	2.5	25	770	1.39	30	170
K965827	71.64	72.91	1.27	HC		0.025	2.5	25	920	1.60	30	160
K965828	72.91	74.18	1.27	HC		0.025	2.5	25	1030	1.41	10	110
K965829	72.91	74.18	1.27	HC	Duplicate of K96	0.025	2.5	25	1020	1.40	20	120
K965830	74.18	74.96	0.78	HC		0.025	2.5	25	1130	3.96	30	370
K965831	74.96	76	1.04	HC		0.025	2.5	25	1200	2.53	20	130
K965832	76	76.5	0.5	HC		0.025	2.5	25	910	2.55	20	180
K965833	76.5	77.72	1.22	HC		0.025	2.5	25	1600	3.15	30	70
K965834	77.72	78.66	0.94	HC		0.025	2.5	25	1370	3.19	20	120
K965835	78.66	79.64	0.98	HC		0.025	2.5	25	1890	2.59	20	90
K965836	79.64	80.86	1.22	HC		0.025	2.5	25	2110	2.60	30	280
K965837	80.86	81.69	0.83	HC		0.025	2.5	25	2020	2.64	10	240
K965838	81.69	83.59	1.9	HC		0.025	2.5	25	1360	3.80	60	300
K965839	83.59	84.73	1.14	HC		0.025	6	70	1980	4.12	60	300
K965840	84.73	86.56	1.83	HC		0.025	2.5	50	1980	2.99	30	220
K965841	-	-	-	-	Blank	0.025	2.5	25	25	0.43	10	30
K965842	86.56	87.36	0.8	HC		0.025	2.5	25	1960	3.83	40	380
K965843	87.36	88.39	1.03	HC		0.025	5	25	1420	2.43	30	160

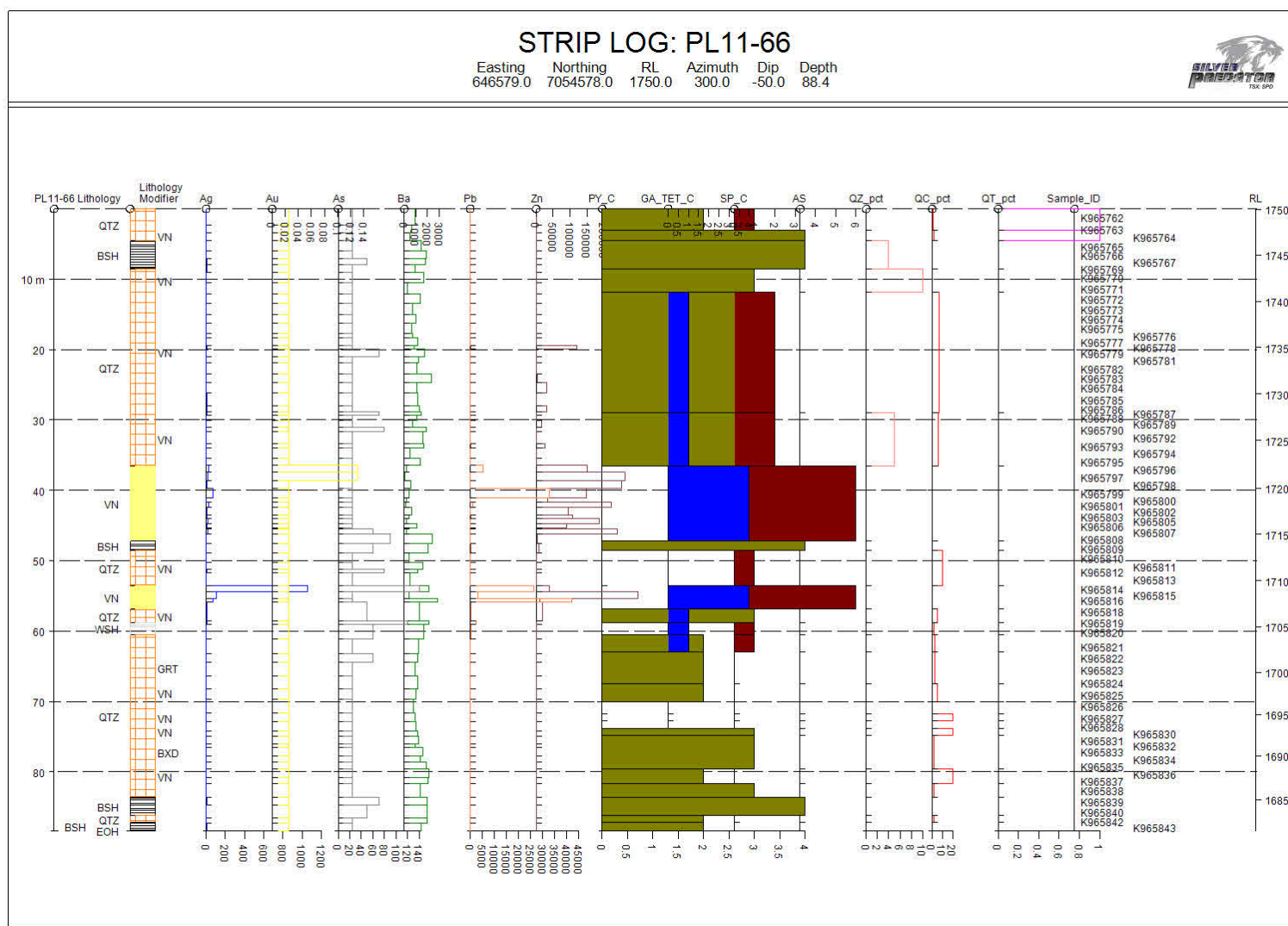


Figure 13. Strip log PL11-66. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE ID: PL11-67

PROJECT: Plata

PROSPECT: P2

PROJECT CODE: PL

TARGET: High grade Ag vein-P2 vein

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Alain Boisvert

DRILLHOLE SUMMARY

FROM / TO (M):

0-1.52	Overburden
1.52-3.9	Grey-brown sandstone with black shale laminae with 2% quartz-siderite veining with 2-3% pyrite
3.9-6.05	Thinly bedded grey and black shale with 3-5% pyrite
6.05-7.5	Light green-grey sericitized quartzite with occasional qtz and qtz-sider-3% py veins
7.5-11.8	Dark grey qtzite with laminae of black shale with 1-2% quartz, quartz-siderite veins with trace gal
11.8-13.7	Gritty dark grey quartzite with 15% white quartz grains, with up to 10% pyrite
13.7-26.36	Gy qtzite with bk shale, with 7% qtz, qtz-sider-minor gal and sphal veins, loc brecciated; py present
26.36-33.5	Domint lt gy qtzite with loc gy shale bands, loc mottled, loc sericitized with 5% qtz and qtz-sider veins
33.5-38.3	Dk gy qtzite & bk shale lamin, loc qtz-sider-qtzite breccia, 3-5% py & 7% qtz and qtz-sider vns, min gal
38.3-39.8	Black shale with up to 15% pyrite
39.8-43	Dk gy qtzite, loc lt gy qtzite coarsens to 3-4mm grain size; minor qtz-sider veins, common py
43-47.35	Grey shale with subunits of quartzite, soft sediment deformation in shale, 5% pyrite
47.35-51	Light green-grey sericitized quartzite with quartz-siderite vein breccia
51-57.91	Massive siderite-quartz-25% sphalerite-10% galena vein with brecciated texture
57.91-59	Weak banded, lt to med gy qtzite brecciated by sider-qtz-limon mass and semi-mass vein
59-61	Massive siderite-limonite vein with multiple siderite pulses, minor sphalerite
61-62	Brecciated and non-brecciated limestone/calcar sandstone with abundant qtz and qtz-sider veins
62-63	Black shale with massive, 3-4 cm thick siderite-quartz vein with 15% sphalerite
63-64.7	Med gy qtzite with min bk shale beds, loc soft sediment deformation; 5% semi-mass sider-qtz veins
64.7-65.5	Massive siderite-quartz vein with multiple siderite pulses with 10% galena
65.5-73.76	Med gy qtzite with min bk shale beds with 5% sider and sider-qtz veining, min sphal in sider vns
73.76-77.67	Grey quartzite with minor quartz-siderite veining
77.67-81.9	Mass sider-sphaler-limon-qtz vn with gy calcar sandstone/limestone, loc with semi-mass sphal
81.9-84.5	Dk gy limestone/calcar sandstone with two mass sider-limon-qtz-2% sphal vns
84.5-86.9	Massive siderite-sphalerite-limonite-chlorite-quartz vein
86.9-90	Dk gy limenstone/calcar siltstone, loc brecciated, 3-5% sphal in sider-qtz vns
90-96.5	Massive siderite-limonite-sphalerite-galena-quartz vein with multiple pulses of siderite
96.5-102.5	Dk gy limenstone/calcar siltstone with minor sphal in host and in 3% qtz and qtz-sider vns;
102.5-108.5	Dk gy qtzite with thin bk shale beds and calcar mudstone; 15-20% qtz-sider-sphal+/-gal vns
108.5-117.3	Banded lt and dk gy calcar sandstone/mudstone, loc soft sediment deformation;
	5% qtz, qtz-sider, qtz-chlor, qtz-sider-sphal vns, minor gal
117.3-121	Med-lt gy thin bed, mudstone/siltstone; soft sed deformation (bottom structures); rare qtz-carb vns
121-121.92	Quartz- siderite- limonite-quartzite vein breccia with minor py
121.92	End of hole

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
DH SURVEYED (Y/N):	Y	30.5	300.1
DH SURVEYED BY:	Alain Boisvert	45.7	300.7
DH SURVEY TOOL:	Reflex-multiple shot	61.0	300.4
		-58.5	-58.4
			-58.2

START DATE / TIME: 13-Aug-11

FINISH DATE / TIME: 15-Aug-11

LOGGED BY: Karin Fecova

DATE: August 18-19, 2011

NAD83-8N UTM E: 646579

NAD83-8N UTM N: 7054578

ELEVATION (M): 1750

HOLE DIP: 60

HOLE AZIMUTH: 300

TOTAL LENGTH: 121.92

HOLE TYPE: DD

CORE SIZE: NTW

CASING DEPTH (M): 13.68

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: N

BOTTOM LINE: n/a

TOOL TYPE: n/a

SAMPLES: K965844-K965948

105 samples

PROJECT: Plata

HOLE_ID: PL11-67

LOGGED BY: _Karin Fecova

DATE: __18-19 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	1.52	OVB																	0-1.52m: Overburden
1.52	3.9	QTZ		FMG	GBR	2	PY	2				QC	2					K965844	1.52-3.9m: Grey-brown sandstone/qtzite, hard to scratch, 0.25mm grains, massive locally, w bk shale laminae w 2% qz-sider stw, w 2-3% py in vn selv, hairline to 2 cm thick, random oriented, no vis min, commonly vuggy
3.9	6.05	WSH		VFG	GY	0	PY	3										K965845 K965846	3.9-6.05m: Grey-bk shale w grey-bk thin beds 5-10mm thick, 20-30 deg TCA, w 3-5% fg dissemntd py and vfg py along beds and bands
6.05	7.5	QTZ	VN	FMG	GRL	1	PY	2	SER	PER	3	QC QZ	2 4					K965847	6.05-7.5m: Light green-grey serictzd qtzite w 2-10 mm stw of qtz and qtz-sider-py vns, vuggy, 3% py in vn selv, no other vis min qtzite appears fairly massive
7.5	9.35	QTZ		FMG	GY	0	PY GA/TET	3 1				QC	1					K965848 K965849	7.5-9.35m: First 50 cm of interval: dk grey qtzite, massive, the rest of the interval is grey qtzite w laminae of bk shale, banded, w 1-2% qtz, qtz-sider vn, hairline to 5 mm thick, 60 or 20 deg TCA; 3-5% diss py within bk shale or vn selv; trace galena in one qtz-sider vn
9.35	11.8	QTZ	VN	FMG	GY	0	PY	2	SER	PER	2	QC	3					K965850 K965851	9.35-11.8m: Grey qtzite w bk shale laminae and 10 cm interval of sericitzd qtzite w qtz and qtz-sider vng; hairline to few cm thick (semi-mass), cutting across beds, no vis min, minor py

PROJECT: Plata

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DATE: __18-19 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
11.8	13.7	QTZ		FMG	GYD	0	PY	4										K965851 K965852	11.8-13.7m: Gritty dk grey qtzose sandstone/qtzite; somehow resembles intrusion (bk mx -fg sand size grains w 15% wh qtz? Grains (up to 1 mm), aligned subll, sheared? Unit (foliated appearance), no rxn w HCl, w up to 10% py in bands, blebs, streaks, bxd texture at LC w qtzite
13.7	19.3	QTZ	VN	FMG	GY	0	PY	3	SER	PER	2	QC QZ	5 2					K965853 - K965857	13.7-19.23m: Grey qtzite w local breccia texture over a few cm, 7% qtz, qtz-sider vns, some planar (10 deg TCA, 00 deg TCA, hair-5mm thick, no vis min; 3-5% py in bk shale and sandst, vein selv w chlorite; bx resembles healed tecton bx at contacts w shale subunits
19.3	22.6	QTZ	VN	FG	GY	1	SP GA/TET	1 1				QC	7					K965857 - K965859	19.23-22.6m: Grey qtzite w 0.25mm grains, massive, lamintd w bk shale w 7% qtz-carbonate (sider) vn; 19.46m: mass qtz-sider-chlor-py vn w chlortzd, wavy, squggy frags of bk shale at contacts w bk shale
22.6	25.3	QTZ		FMG	GY	1	SP GA/TET	1 1				QC	1					K965860 K965861	22.6-25.3m: Grey qtzite w bk shale, thin intercaltns of bk shale w two bxd intervals (appears to be sed deformtn) or qtz-bk shale vn bx; minor 0.5-1mm cxls of galena and sphal in vns; 24m: sider-limon-qtz vn, planar, 5 mm thick, mcg, similar vns @24.4m and 25.2m;

PROJECT: Plata

HOLE_ID: PL11-67

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DATE: __18-19 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
25.3	26.36	QTZ	BXD	FMG	GY	1						QC	2					K965862	25.3-26.36m: Intercaltd qtzite and bk and grey shale w bxd (soft sed deformt texture) of qtzite in bk shale mx; qtz-carb stwin qtz subunit, few mm thick vns
26.36	33.5	QTZ	VN	FMG	GYL	0	SP PY	2 3	SER	PER	2	QC	5					K965863 - K965868	26.36-33.5m: Domint light grey qtzite w fmg grains that locally coarsen or fine; also consits of subunits of qtzite intercaltd w grey shale (banded); locally also approaching mottled texture (caused by chlor?), locally serictzd (light green), contains 5% qtz and qtz-carb (sider) vns, most of them are planar, milky, either vfg, 20 or 60 deg TCA, diffuse margs, no vis min, some are sider-qtz veins, orange-wh, mm thick, sometimes w sharp frags of host rock, chlor and py; 27.7-27.8m: massive sphaler-sider-chlor vn w cm scale vugs and prismatic sphaler cxls in vugs (50% sphaler in vn)
33.5	38.3	QTZ	VN	FMG	GYD	0	PY GA/TET	4 1				QC QZ	5 2					K965868 - K965872	33.5-38.3m: Dark grey qtzite intercaltd w bk shale subunits, locally bxd (tect bx?) and qtz-sider-qtzite bx; 3-5% py domint in bxd subunits and w black shale; 7% qtz and qzt-carb (sider) vng of random orientn, some planar, 80-90 deg TCA, some 45 deg TCA, 0.5 mm cxls of galena in sider-qtz vn, vuggy, 4 mm thick, 45 deg TCA
38.3	39.8	BSH		VFG	BK	0	PY	5										K965873 K965874	38.3-39.8m: Bk shale, soft to scratch, w up to 15% vfg-mg py clots, streaks, seams subll aligned w beds in shale

PROJECT: Plata

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LITHOLOGY						MIN			ALTERATION									Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
39.8	43	QTZ		MCG	GYD	0	PY	4				QC	1					K965874 K965875	39.8-43m: Dk grey qtzite, locally light grey minor, short subunits of qtz milky vng; light grey qtzite gets even coarser (3-4mm, pebble) grain; minor qtz-sider vng, no vis min; py common in 5 mm thick bands where thin bed of bk shale present, local qtzite-qtz-sider vn bx over 10 cm
43	47.35	WSH		VFG	GYL	0	PY	3										K965876 - K965878	43-47.35m: Light grey, grey, dk grey shale w subunits of qtzite; domint portion of shale exhibits soft sed deformtn rather than tectonc bx deformn, 5% py, locally up to 15-20% dissemntd or in bands, in bk shale
47.35	51	QTZ	BXD	FMG	GYL	0						QC	1					K965879 K965880	47.35-51m: Light green-grey serictzd qtzite exhibits soft sed deformtn (bx texture) in comobinatn w qtz-sider vn bx, no vis min
51	57.91	VN		MCG	OBR	1	SP GA/TET PY	5 4 1	SER CL PER	PER PER	3 3	QC	100					K965881 - K965887	51-57.91m: Massive, domint sider-qtz-25% sphaler-10% gale/tet vn w bxd texture all over the interval (angular frags of qtzite and bk shale, mm-cm scale); 25% frags, many of them pervasively sericitzd, chloritzd, mostly located at contacts, but also within vein; sphaler is patchy, cg, individ xls, assoctd w galena or itself; gal/tet concentrations at 52.8-52.95m, 53.1-53.15m

PROJECT: Plata

HOLE_ID: PL11-67

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DATE: __18-19 August 2011

LITHOLOGY				MIN				ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
57.91	59	QTZ		FMG	GYL	0	PY	2	LI	PER	3	QC	40					K965888 K965889	57.91-59m: Light to medium grey qtzite, weakly banded, bxd by sider-qtz-limon mass and semi-mass vn, xcutting each other and beds in qtzite; bxd texture in vns (angular frags of host), no vis min
59	61	VN		MCG	ORL	0	PY SP	1 1	LI	PAT	3	QC QZ	80 20					K965889 K965890	59-61m: Mass sider-limon vn and earlier wh, fg vn w host frags inclusions; qtz vn seems to be bxd by sider vn; sider vn:mcg, appears to be multiple pulses (colloform, banded) of sider (carb), displays more shades of orange (photo); minor sphalerite present
61	62	LM	VN	FG	GY	0	PY	2										K965891	61-62m: Bxd and non-bxd limestone/calcareous sandstone, lt to dk grey, banded; at UC: 70% qtz and qtz-sider vns, stw, few mm thick, no vis min; 2% py in blebs, in vn slevs
62	63	BSH	VN	VFG	BK	0	PY SP	3 1				QC	10					K965892	62-63m: Bk shale w mass 3-4 cm thick sider>>> qtz vn w 15% cg sphaler
63	64.7	QTZ	VN	FMG	GYL	0	PY	2				QC	5					K965893 K965894	63-64.7m: Med grey qtzite, 0.2mm grains, minor bk shale beds, loc soft sed deform textures; qtzite seems massive; 5% semi-mass sider>>>qtz vns, mcg, lt orange-wh, random orientd, cm thick, w host frags inclusions; py in bk shale, vfg, in bands, streaks, dissemntd

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LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
64.7	65.5	VN		MCG	ORL	1	GA/TET	1										K965895	64.7-65.5m: Mass sider>>qtz vn, mcg, lt orange, w multiple vn zonations (multiple pulses-photo), occas frags of host; 65.05-65.10m: 10%gal/tet in clusters, patches within sider
65.5	73.76	QTZ	VN	FMG	GY	0	PY SP	1 1				QC	5					K965895 - K965903	65.5-73.76m: Grey qtzite w minor bk shale subunit and one local calcareous mudstone (?); 5% planar, sider and sider-qtz veing, mm-cm thick, random orientn 40-30 deg TCA, some 60-70 deg TCA and some 0-10 TCA, minor sphalerite in sider vns; common in chlor patches in sider veins, py is minor, in vn selv (photo)
73.76	77.67	QTZ		FMG	GY	0	PY	1				QC	2					K965904 - K965906	73.76-77.67m: Grey qtzite w minor qtz-sider vng, but 2 mass and semi-mass veins at 75.81-76.11m; qtz-sider-chlor-host frags, fmg, wh-orange, no vis min, vuggy, some cxls in vugs up to mm long, prismatic
77.67	81.3	LM		FG	BGYL	0	SP PY	1 2				QC	5					K965907 - K965909	77.67-81.3m: 77.67-79.1m: Calcareous siltst/sandst-bk shale-qtzite interbeds, soft sewd deformtn, py common in shale beds and bands; 79.1-79.3m: Mass sider-lim-qtz (resembling mcg sandst texture), lt orange-tan, porous, no vis min; 79.3-81.3m: Dk grey calcareous sandst/limestone and wh streaky limestone (very strong HCl rxn)

PROJECT: Plata

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LOGGED BY: _Karin Fecova

DATE: __18-19 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
81.3	81.9	VN		MCG	BRD	0	SP PY	73				S	90					K965909	81.3-81.9m: Mass sphaler-qtz-sider vn w mcg sphaler cutting across sider-qtz vng and qtz vng, all appears as dissemintd massive sphalerite in dk grey limestone
81.9	84.5	LM	VN	FG	GYD	0	SP	5				S	2					K965910 K965911	81.9-84.5m: Dk grey limestone/calcareous sandst/siltst w two mass sider-limon-qtz vns at 83.6-83.9m; no vis min, but very heavy core; also 2% sphalerite veins, mm thick, random orientn, w 90% sphalerite-10% qtz+dissemntd sphaler in bands of host (resembles dissemnt of py in bk shale)
84.5	86.9	VN		MCG	ORL	0	SP	6				QC	100					K965912 - K965915	84.5-86.9m: Sider-sphaler-limon-chlorite-qtz vn, also w frags of older sider vn, patchy appearance of all components, somehow mottled textute caused by chlorite?; black streaks, bluish tint perhaps presence of gal/tet?; core very heavy and may contain them as vfg dissemintns?
86.9	90	LM	VN	FG	GYD	0	SP	3				QC	20					K965916 - K965919	86.9-90m: Dk grey limenstone/calcereous siltst/mudtsone w local bxd textures, 3-5% sphaler in sider-qtz-stw vng, mm scale cxls of sphaler w/h sider; veins of random orientns

PROJECT: Plata

HOLE_ID: PL11-67

LOGGED BY: _Karin Fecova

DATE: __18-19 August 2011

LITHOLOGY				MIN				ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODIFIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
90	96.5	VN		MCG	ORL	0	SP GA/TET	42	LI CL	PAT PAT	21	QC	70					K965919 - K965927	90-96.5m: Mass sider-limon-sphaler-gal/tet-qtz vn, mcg, orange-yellow-tan, w 30% frags of host rock throughout the unit, porous/vuggy, chlorite present as well; multiple pulses of siderite; gal/tet clusters at 90.05-90.1m: 5% gal/tet in sider, 5% sphalerite; 90.87-91.6m: 3-5% gal/tet in sider, 5% sphaler; 91.85-92.05m: 5% gal/tet, 2% sphaler; 92.35-93.2m: 7% gal/tet, 15-20% sphaler (locally 35% over 10 cm); 93.5-93.8m: 7% gal/tet, 10% sphaler; 93.95-94.05m: 3% gal/tet, 3% sphaler; 94.3-94.7m: 3% gal/tet, 10-15% sphaler; gal/tet and sphal are mcg, in clusters, sphaler in irreg patches, all in siderite
96.5	102.5	LM		FMG	GYD	0	SP PY	14				QC	3					K965928 - K965932	96.5-102.5m: Dk grey /bk fine to med grained limestone/calcareous sandst/siltst/mudstone (all intercaltd and reacting w HCl-weak to moderate rxn) cm scale thin beds; minor sphalerite as fmg, loc disseminats in host (replacing py?) or as cg in qtz and qtz-sider vns; 3% stw, mm thick, qtz, qtz-carb-chlor-ser? vng w no vis min, but w occas py; py also as fmg disseminats in host, streaks, thin 15 mm bands; stw veins are vuggy, pitted, bxtng host amd forming vn bx at local, few cm scale (photo)

PROJECT: Plata

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LOGGED BY: _Karin Fecova

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LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
102.5	105	QTZ	VN	FMG	BK	0	SP PY GA/TET	5 4 1				QC S	5 15					K965932 - K965935	102.5-105m: Dk grey qtzite w interbedd mm thick beds of bk shale and calcareous mudstone; 15-20% vng: 1/at 102.5m: Mass 30 cm thick qtz-sider-sphaler-gal/tet vn, wh-orange, fg qtz, 15% mg sphaler, 5% cg galena in vn; 2/ sphaler and sphaler-qtz vns in form of stw, hairline to 1 cm thick, randomly oriented, 50-100% sphalerite in vns; 3/ sphaler also occurs in form of bands, streaks, blebs, similar appearance as py in bk shale
105	108.5	QTZ	VN	FMG	BK	0	PY SP	3 1				QC	20					K965935 - K965938	105-108.5m: Dk grey-bk qtzite w bxd texture due to dense 20% qtz-sider (lt yellow) stw, hair to 2 cm thick fmg, vuggy vns that contain host angular frags; minor sphaler in upper 2/3 and 5% sphaler in lower 1/3; sphaler in dissemntd form ("as pyrite"), in veins w sider and qtz or sphaler stw; py dissemntd in bk shale subunits

PROJECT: Plata

HOLE_ID: PL11-67

LOGGED BY: _Karin Fecova

DATE: __18-19 August 2011

LITHOLOGY				MIN				ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
108.5	117.3	LM		FMG	BK	0	SP PY GA/TET	3 4 1				QC	5					K965939 - K965945	108.5-117.3m: Banded, lt-dk grey, mm-cm beds of calcareous sandst/siltst/mudstone, loc soft sed deformtn texture; interval includes 6 m thick section of gritty, calcareous sandst w 10% wh 0.5-1mm grains in bk mx; also bk shale subunit present; 5% stw of qtz, qtz-sider, qtz-chlor, qtz-sider-sphaler vns, all hair to mm thick, random orientd, sphalerite present in vns, blebs, dissemntd and clusters of mg cxls in vns; up to 10% py as bands, streaks, dissemntd, patches, vfg-fg occas in vn selv; 3-5% sphaler overall+minor 1% galena
117.3	121	WSH		VFG	GY	0	PY	2				QC	1					K965946 - K965948	117.3-121m: Med-light grey mudstone laminae and thin beds intercaltd w siltst/qtzite beds; soft sed deform textures, also bottom structures present(photo); rare qtz-carb stw, hair-mm thick vns
121	121.9	VN		FMG	ORL	1	PY	2	LI	PAT	3	QC	30					K965948	121-121.92m: Vein breccia: Qtz-sider- lim-frags of qtzite w minor py , lower portion crumbly, w gouge~fault; frags at mm-1 cm scale
121.9	121.9	EOH																	121.92m: End of hole

PROJECT: Plata

HOLE_ID: PL11-67

SAMPLED BY: _Karin Fecova

DATE: __18-19 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965844	1.52	3.85	2.33	HC		0.025	2.5	25	930	3.34	20	900
K965845	3.85	4.87	1.02	HC		0.025	8	25	1630	4.10	40	550
K965846	4.87	6.03	1.16	HC		0.025	6	25	1750	2.57	20	580
K965847	6.03	7.42	1.39	HC		0.025	2.5	25	320	2.43	10	280
K965848	7.42	8.68	1.26	HC		0.025	2.5	25	1330	1.63	10	310
K965849	8.68	9.44	0.76	HC		0.025	2.5	25	940	2.47	10	410
K965850	9.44	10.76	1.32	HC		0.025	2.5	25	400	2.22	10	330
K965851	10.76	12.19	1.43	HC		0.025	2.5	25	1540	2.71	10	220
K965852	12.19	13.72	1.53	HC		0.025	14	25	1210	2.93	30	220
K965853	13.72	14.48	0.76	HC		0.025	6	25	1050	3.31	60	790
K965854	14.48	15.85	1.37	HC		0.025	6	25	820	2.19	30	560
K965855	-	-	-	-	Blank	0.025	2.5	25	25	0.34	10	20
K965856	15.85	17.4	1.55	HC		0.025	2.5	25	600	1.56	20	300
K965857	17.4	19.56	2.16	HC		0.025	2.5	25	600	1.62	10	110
K965858	19.56	21.34	1.78	HC		0.025	11	25	1140	2.17	170	810
K965859	21.34	22.51	1.17	HC		0.025	5	25	930	2.66	50	430
K965860	22.51	24.38	1.87	HC		0.025	5	25	1180	2.87	30	250
K965861	24.38	25.4	1.02	HC		0.025	5	50	1800	4.29	30	7090
K965862	25.4	26.36	0.96	HC		0.025	6	70	1760	3.19	60	280
K965863	26.36	27.73	1.37	HC		0.025	2.5	25	250	2.10	10	60
K965864	27.73	29.11	1.38	HC		0.025	2.5	25	2800	4.97	10	13750
K965865	29.11	30.34	1.23	HC		0.025	2.5	25	730	2.48	10	100
K965866	-	-	-	-	Standard GS-5G	4.93	101	80	2920	3.21	930	2990
K965867	30.34	32	1.66	HC		0.025	2.5	25	1160	2.81	10	220
K965868	32	33.83	1.83	HC		0.025	5	25	740	3.07	40	260
K965869	33.83	34.96	1.13	HC		0.025	6	25	1790	3.16	40	240
K965870	34.96	36.08	1.12	HC		0.025	2.5	25	640	3.19	10	130
K965871	36.08	37.33	1.25	HC		0.025	2.5	25	410	2.95	10	100
K965872	37.33	38.32	0.99	HC		0.025	2.5	25	790	3.71	20	110
K965873	38.32	39.62	1.3	HC		0.025	2.5	25	1650	3.53	30	140
K965874	39.62	41.45	1.83	HC		0.025	2.5	25	1140	2.78	20	140

PROJECT: Plata

HOLE_ID: PL11-67

SAMPLED BY: _Karin Fecova

DATE: __18-19 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965875	41.45	43.08	1.63	HC		0.025	2.5	25	1210	2.68	20	120
K965876	43.08	44.2	1.12	HC		0.025	2.5	25	1820	1.11	10	170
K965877	44.2	45.51	1.31	HC		0.025	2.5	25	1720	2.80	20	170
K965878	45.51	47.24	1.73	HC		0.025	5	25	1760	4.25	20	200
K965879	47.24	49.6	2.36	HC		0.025	2.5	25	1660	2.98	10	220
K965880	49.6	51.05	1.45	HC		0.025	2.5	25	1990	4.39	10	510
K965881	51.05	52.57	1.52	QC		0.025	2.5	25	1040	29.40	40	67200
K965882	51.05	52.57	1.52	QC	Duplicate of K965881	0.025	2.5	25	980	29.60	40	66300
K965883	52.57	53.34	0.77	HC		0.025	119	25	240	19.20	28400	167500
K965884	53.34	54.53	1.19	HC		0.025	2.5	25	80	25.70	90	80400
K965885	54.53	56.39	1.86	HC		0.025	2.5	25	410	24.00	70	13500
K965886	56.39	57.21	0.82	HC		0.025	2.5	25	70	31.50	30	6280
K965887	57.21	57.87	0.66	HC		0.025	2.5	25	140	27.90	30	1290
K965888	57.87	58.83	0.96	HC		0.025	2.5	25	930	12.30	10	450
K965889	58.83	59.83	1	HC		0.025	2.5	25	80	23.40	10	710
K965890	59.83	60.96	1.13	HC		0.025	2.5	25	150	17.10	10	570
K965891	60.96	61.96	1	HC		0.025	2.5	25	740	6.41	10	200
K965892	61.96	63.14	1.18	HC		0.025	2.5	25	1850	6.88	10	310
K965893	63.14	63.78	0.64	HC		0.025	2.5	25	1490	6.94	10	1250
K965894	63.78	64.78	1	HC		0.025	2.5	25	890	4.80	10	230
K965895	64.78	65.96	1.18	HC		0.025	2.5	25	920	21.90	10	620
K965896	65.96	67.45	1.49	HC		0.025	2.5	25	840	3.19	10	440
K965897	67.45	68	0.55	HC		0.025	2.5	25	640	2.93	20	390
K965898	68	68.58	0.58	HC		0.025	12	25	1370	2.59	10	320
K965899	68.58	69.79	1.21	HC		0.025	2.5	50	1360	6.24	30	220
K965900	-	-	-	-	Blank	0.025	2.5	25	25	0.45	10	330
K965901	69.79	71.63	1.84	HC		0.025	2.5	25	860	3.51	30	110
K965902	71.63	72.83	1.2	HC		0.025	5	25	1100	5.63	20	240
K965903	72.83	73.76	0.93	HC		0.025	2.5	25	770	7.10	20	230

PROJECT: Plata

HOLE_ID: PL11-67

SAMPLED BY: _Karin Fecova

DATE: __18-19 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965904	73.76	74.96	1.2	HC		0.025	2.5	25	780	3.24	10	130
K965905	74.96	76.81	1.85	HC		0.025	2.5	25	720	3.45	50	500
K965906	76.81	77.67	0.86	HC		0.025	2.5	25	920	1.84	10	80
K965907	77.67	78.94	1.27	HC		0.025	2.5	25	1030	3.47	10	230
K965908	78.94	79.66	0.72	HC		0.025	2.5	25	1870	2.75	10	3100
K965909	79.66	81.89	2.23	HC		0.025	9	25	480	3.36	90	182500
K965910	81.89	83.52	1.63	HC		0.025	2.5	25	1270	4.00	20	2580
K965911	83.52	84.44	0.92	HC		0.025	2.5	25	140	8.67	40	51300
K965912	84.44	85.34	0.9	HC		0.025	2.5	25	25	26.80	30	79200
K965913	-	-	-	-	Standard (CDN-ME-17)	0.39	40	130	370	19.60	6790	75900
K965914	85.34	86.19	0.85	HC		0.025	6	25	100	20.20	50	62300
K965915	86.19	86.89	0.7	HC		0.025	2.5	25	50	30.70	20	3660
K965916	86.89	88.39	1.5	HC		0.025	2.5	25	990	5.23	140	1110
K965917	88.39	89.15	0.76	HC		0.025	2.5	25	700	2.72	50	770
K965918	89.15	89.82	0.67	HC		0.025	6	25	550	12.55	240	350
K965919	89.82	90.82	1	HC		0.025	2.5	25	25	25.60	300	570
K965920	90.82	91.61	0.79	HC		0.025	2.5	25	25	27.80	410	940
K965921	91.61	92.17	0.56	HC		0.025	11	25	80	13.90	3400	310
K965922	92.17	92.85	0.68	HC		0.025	7	25	90	23.10	2600	58200
K965923	92.85	93.6	0.75	HC		0.025	18	25	100	22.70	5450	5170
K965924	93.6	94.49	0.89	HC		0.025	6	25	100	26.30	1380	1030
K965925	94.49	95.63	1.14	HC		0.025	2.5	50	270	13.75	500	6800
K965926	95.63	96.53	0.9	HC		0.025	5	80	820	7.45	30	1670
K965927	-	-	-	-	Blank	0.025	2.5	25	25	0.46	10	90
K965928	96.53	97.54	1.01	HC		0.025	2.5	80	690	8.92	30	60
K965929	97.54	98.91	1.37	HC		0.025	2.5	80	990	8.92	70	270
K965930	98.91	99.97	1.06	HC		0.025	2.5	50	2710	11.10	20	2130
K965931	99.97	102.02	2.05	HC		0.025	2.5	60	1190	9.25	30	260
K965932	102.02	103.12	1.1	HC		0.025	25	60	910	4.57	12750	56500

PROJECT: Plata

HOLE_ID: PL11-67

SAMPLED BY: _Karin Fecova

DATE: __18-19 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965933	103.12	103.87	0.75	HC		0.025	6	25	400	3.27	370	98300
K965934	103.87	104.62	0.75	HC		0.025	17	50	250	3.16	330	93600
K965935	104.62	105.6	0.98	HC		0.025	2.5	25	910	5.00	30	130
K965936	105.6	106.92	1.32	HC		0.025	2.5	70	520	6.68	40	310
K965937	106.92	107.82	0.9	HC		0.025	2.5	50	2430	7.43	30	190
K965938	107.82	108.51	0.69	HC		0.025	6	60	1110	3.92	30	10600
K965939	108.51	110.08	1.57	HC		0.025	2.5	25	1160	4.17	40	1710
K965940	110.08	111.25	1.17	HC		0.025	9	25	1310	3.55	220	5620
K965941	-	-	-	-	Standard (CDN-ME-12)	0.41	53	80	490	4.57	2090	2700
K965942	111.25	112.85	1.6	HC		0.025	12	90	1250	4.04	120	950
K965943	112.85	114.3	1.45	HC		0.025	6	25	880	6.28	30	60
K965944	114.3	115.9	1.6	HC		0.025	6	70	920	4.49	460	1610
K965945	115.9	117.35	1.45	HC		0.025	5	100	900	5.27	50	70
K965946	117.35	118.6	1.25	HC		0.025	2.5	80	2040	3.69	20	120
K965947	118.6	120.4	1.8	HC		0.025	5	25	980	2.50	10	60
K965948	120.4	121.92	1.52	HC		0.025	2.5	25	1750	5.02	10	340

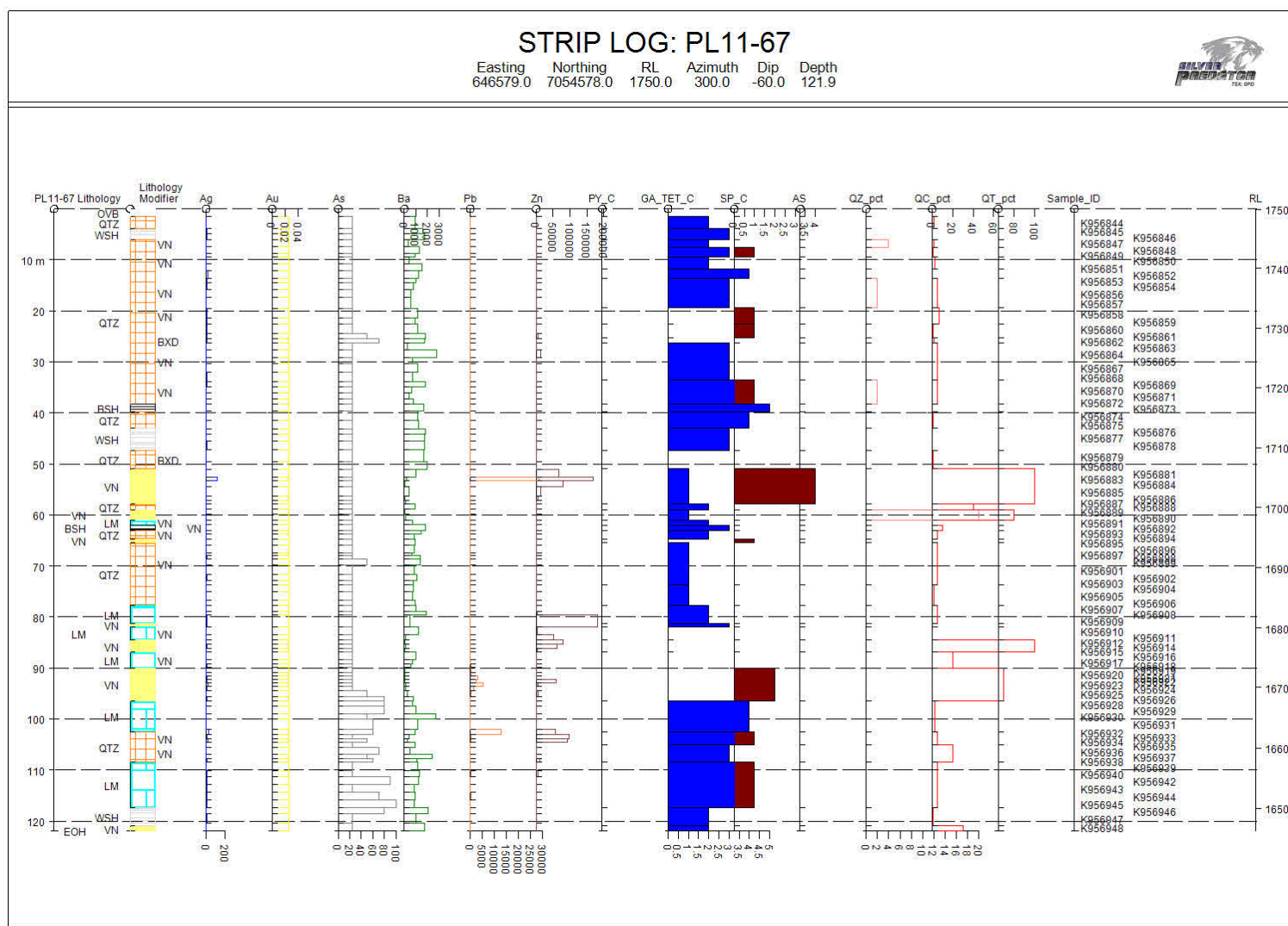


Figure 14. Strip log PL11-67. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-68

PROJECT: Plata

PROSPECT: P2

PROJECT CODE: PL

TARGET: High grade Ag vein-P2 vein

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Alain Boisvert

DRILLHOLE SUMMARY

FROM / TO (M):

0-6.1

6.1-8.7

8.7-9.7

9.7-21.24

21.24-22.6

22.6-24.9

24.9-25.9

25.9-29.36

29.36-31.8

31.8-40.4

40.4-59.84

59.84-67.3

67.3-77

77-80

80-87.6

87.6-89

89-91.9

91.9-95.7

95.7-99.3

99.3-106

106-117.96

117.96

Overburden, no rock available

Dark grey calcareous mudstone/siltstone with occasional quartz-siderite veins with common galena/tetrahedrite and sphalerite

Black argillite with galena/tetrahedrite and sphalerite in quartz-siderite veins

Dark grey calcareous mudstone/siltstone with occasional non-calcareous subunits and quartz-siderite veins with common galena/tetrahedrite and sphalerite

Black shale/argillite and brown sandstone with quartz-siderite-sphalerite-galena veining

Grey limestone/calcareous siltstone with 3% quartz-siderite-sphalerite-galena veins

Black shale/argillite and brown sandstone

Grey limestone/calcareous siltstone with occasional quartz-siderite veins with common pyrite and minor chalcopyrite

Grey quartzite with minor black argillite and 5% quartz-siderite veins with 1-10% galena and 1-50% sphalerite, common pyrite

Dark grey calcareous mudstone/siltstone with occasional non-calcareous subunits with 5% quartz-siderite+/-limonite+/-galena/sphalerite veins

Massive siderite-30% sphalerite-10% galena-quartz vein

Grey limestone/calcareous siltstone with 10% quartz-siderite veining with up to 30% sphal and gal

Dark grey calcareous mudstone/siltstone with occasional non-calcareous black shale subunits with rare quartz-siderite-sphalerite-galena veining

Dark grey calcareous mudstone/siltstone with occasional non-calcareous black shale subunits with 20-30% quartz, quartz-siderite-sphalerite-galena-pyrite veins

Grey limestone/calcareous siltstone with rare quartz veining with rare sphal and more abundant py

Brown medium grained sandstone

Grey limestone/calcareous siltstone

Brecciated and vuggy grey massive limestone with pyrite

Brecciated and vuggy grey massive limestone with minor sphalerite

Banded light grey quartzite with 20-30% quartz, quartz-siderite veining with minor sphalerite

Grey soft shale with two massive quartz-siderite veins with no visible mineralization, common pyrite

End oh hole

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
DH SURVEYED (Y/N): Y	15.2	300.2	-50.4
DH SURVEYED BY: Alain Boisvert	45.7	298.3	-50.5
DH SURVEY TOOL: Reflex-multiple shot	91.4	299.1	-50.6

START DATE / TIME: 15-Aug-11

FINISH DATE / TIME: 16-Aug-11

LOGGED BY: Karin Fecova

DATE: August 21-22, 2011

NAD83-8N UTM E: 646556

NAD83-8N UTM N: 7054526

ELEVATION (M): 1754

HOLE DIP: 50

HOLE AZIMUTH: 300

TOTAL LENGTH: 117.96

HOLE TYPE: DD

CORE SIZE: NTW

CASING DEPTH (M): 6.08

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: N

BOTTOM LINE: n/a

TOOL TYPE: n/a

SAMPLES: K965949-K966000

K963001-K963032

84 samples

PROJECT: Plata

HOLE_ID: PL11-68

LOGGED BY: _Karin Fecova

DATE: __21-22 August 2011

		LITHOLOGY				MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	6.1	OVB																	0-6.1m: Overburden, no rock available
6.1	8.7	LM		FG	GYD	1	GA/TET SP	2 2	LI	PAT	2	QC	3					K965949 K965950	6.1-8.7m: Dk gy, loc banded(cm scale beds) calcareous mudstone/siltstone w occas planar, 2-7mm thick, wh-orange fmg vn w up to 80% gal/tet and sphaler in vns; gal/tet seems to occur in hairline-few mm thick stw veins (w 100% gal); galena occurrence: 6 vns, 5 cm spaced at 6.15m and 7.9-8.8m; patchy oxidatn in more porous lm/sst?, oxidtn on frac surfaces; calcareous mudst/siltst/sandst, locally limest is intercaltd also w non-calcareous subunits of qtzite, sandst, bk shale and argillite (silifd mudstone)
8.7	9.7	ARG		VFG	BK	1	GA/TET SP	1 1				QC	2					K965950 K965951	8.7-9.7m: Bk argillite subunit with gal/tet and sphaler vns (see description below)
9.7	21.24	LM		FMG	GY	1	GA/TET SP PY	2 2 3				QC	4					K965951 - K965960	9.7-21.24m: Dk gy, loc banded (cm scale beds) calcareous mudstone/siltstone w occas planar, 2-7mm thick, wh-orange fmg vn w up to 80% gal/tet and sphaler in vns; gal/tet seems to occur in hairline-few mm thick stw veins (w 100% gal); galena occurrence: 5% sphaler and 1% galena in vns at 9.1m, 9.5m, 9.55m and 10.4m; up to 30% sphaler in 5 veins w minor galena at 12m, 12.1-12.13m; patchy oxidatn in more porous lm/sst?, oxidtn on frac surfaces; calcareous mudst/siltst/sandst, locally limest is intercaltd also w non-calcareous subunits of qtzite, sandst, bk shale and argillite (silifd mudstone); 12.7-13.2m: Non calcareous bk shale/arglte+qtzite; 13.37-13.77m: Mass 20 cm thick, lt orange mg sider vn w 5% gal/tet bleb in vn; UC and LC:at 45 deg TCA; gal/tet occurrence at 14.2-14.4m:5% cg gal in qtz-sider vns; at 14.4-14.6m: wh-yell-green, fmg vn w qtz-carb outer zones (2 mm thick)&py+cpy?, vn is ll TCA; 16.86m: 5% gal in 1mm thick qtz-carb vn; 20.5m: py in mm thick blebs

PROJECT: Plata

HOLE_ID: PL11-68

LOGGED BY: _Karin Fecova

DATE: __21-22 August 2011

LITHOLOGY				MIN				ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODIFIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
21.24	22.6	ARG		FMG	GBR	1	GA/TET SP	1 1				QC	1					K965961	21.24-22.6m: 1/2 of the interval is bk shale/arglte, 2. half is brown porous sandst w 0.5mm grains that changes into grey finer qtzite w bxd texture where qtz-sider-FeOx vns intrude (clay like material?)
22.6	24.9	LM		FMG	GY	0	GA/TET SP PY	1 1 2				QC	3					K965961 K965962	22.6-24.9m: Grey limestone/calcareous siltstone w 3% qtz-sider vns, random orientd, stw, hairline-1 cm thick, wh-lt orange, fmg w up to 20% sphaler&galena in vns at 23.47-23.67m
24.9	25.9	ARG		FMG	GBR	1												K965962	24.9-25.9m: Dk grey bk shale/arglte+brown oxidzd porous mg sandst
25.9	29.36	LM		FMG	GY	0	PY	3				QC	3					K965963 - K965965	25.9-29.36m: Lt to med grey limestone+calcareous silt/sandst and occas qtz-sider vns at 60-80 TCA, some at 45 TCA, vns are hairline-5 mm thick, some have vfg-fg py (80%); py vns at 27.5m, 28.76m; py also common in blebs, assoctd w chlorite, and with some cpy replacemnt (where yellowish)
29.36	31.8	QTZ	VN	FMG	GY	0	PY SP	5 4				QC	5					K965966	29.36-31.8m: Grey qtzite w minor bk argillte and 5% qtz-sider vns as stw, 2-5mm thick, some vuggy, also FeOx patchily
31.8	40.4	LM		FMG	GY	1	GA/TET SP PY	3 3 3				QC	5					K965967 - K965972	31.8-40.4m: Light-med-dk grey limest/calcareous sandst/siltst/mudst intercaltd at 50 cm scale w non-calcareous sandst/qtzite, bk shale (argillte); 5% qtz-sider+/-limon+/-gal/sphaler vns, hairline to few cm thick, stw, spaced at cm scale; 34.5-34.9m: 10% gal+80% sphaler in 5 vns over 40 cm; 33.6m: sphaler in thin vn; 35.2-35.6m: 10% gal/tet+80% sphaler in 5 vns; this sectn contains 20-30% fine diss py in bands, streaks, w qtz; 37.5m: loc soft sed deformtn; 37.1-37.3m: 2 vns, 5 mm thick w cg 10% gal/tet and less sphaler, 60 TCA; 37.8m: py in bands

PROJECT: Plata

HOLE_ID: PL11-68

LOGGED BY: _Karin Fecova

DATE: __21-22 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODIFIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
40.4	59.84	VN		MCG	OBR	1	GA/TET SP	46				QC	80					K965972 - K965990	40.4-59.84m: Mass sider-sphaler-gal-qtz vn; includes subunits of host rock of calcareous dk grey sandst and siltst at 42.57-43.3m, 44.3-44.5m, 44.6-45m, 45.58-47.44m, 56.3-59.34m; the host rock subunits are brecciated by sider-sphaler vns (10cm-mm scale frags-closer to the contact w mass vein at UC and LC; always vn bx w few mm size angular frags; in total 30% sphaler, 10% gal/tet; galena occurrence: 5% gal at 40.85-40.9m, 41.05-41.25m; 5-10% gal at 53.81-54.2m; 10% gal at 55.9-57.9m; 5% gal at 58-59.5m; sphaler is cg to vcg, in patches, clusters; multiple pulses of siderite present; 48-49.5m: still in the mass vn, but sphalerite appears to be bxd by orange sider (few mm sized frags, 30% of frags in orange mx); 49.5-50m: fault? gouge, crumbly, orange-green-brownish material; 50-51m: Again sphaler-sider bx; 51-55.7m: Mass to semi-mass sphaler (70%)
59.84	67.3	LM	VN	FMG	GY	0	SP GA/TET PY	223				QC	10					K965990 - K965996	59.84-67.3m: Grey, banded, lt-med-dk limestone/calcareous sandst, mudst (minor), siltst, 10% qtz-sider vng, stw or planar, hair to mass thick veins some containing up to 30% sphaler&gal; both can also occur as gal or sph hairlines, but commonly w qtz-sider vns; gal and sphal are cg cxls in vns; py also common in qtz-carb vns, vn selv and as fine disseminated in calcareous siltstone; host rock is lase interbedded w non-calcar mm-cm thick laminae and bands; vns w gal at 60m, 66-66.6m, 67.1-67.3m; 15-20% py at 68.58-71m; semi mass to mass sphaler-sider-qtz vns at 61.9-61.93m, 61.95-61.97m, 63.4-63.45m, 66.86-66.96m, 67.16-67.20m, 71.15-71.2m, 68.48-68.58m

PROJECT: Plata

HOLE_ID: PL11-68

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DATE: __21-22 August 2011

LITHOLOGY				MIN				ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
67.3	77	LM		FMG	GY	0	SP GA/TET PY	1 1 4										K965996 - K966000 K963001 - K963005	67.3-77m: Calcar sandst-mudst intercaltd w short units of bk shale; rare qtz vns, qtz-sider-sphal-gal vng as well; mass to semi mass qtz-sider-sphaler vn at 71.2-71.25m; mass qtz planar vn w no vis min at 72.2-72.22m; py enriched sectns w 15% py-cpy in clusters at 72.22-72.5m; two 5mm thick sider-sphaler-gal-qtz vns between 73.2-73.7m; 15% fg diss py in host at 75-75.5m
77	80	LM	VN	FMG	GY	0	SP GA/TET PY	3 2 4				QC	30					K963006 K963007	77-80m: Veind calcar sandst/siltst/mudst/limest w short bk shale units; 20-30% qtz, qtz-sider vn-stw domint, w orange limon in many vns as well; 77.72-79.5m: 3% cg gal and 10% cg sphaler; 79-79.7m: mass sider-qtz-sphaler-py vn w bxd texture; py occurs as vns as well; 78-79m: two vns=bands?, 1 cm thick, but also diss in bk shale
80	87.6	LM		FMG	GY	1	SP PY	1 3										K963008 - K963012	80-87.6m: Grey limestone/calcar sandst/silts/mudstone, massive and banded; rare qtz stw w rare sphaler; more abundant py in vn selv at 83.5-83.9m
87.6	89	SST		MG	BR	1	PY	2										K963012	87.6-89m: Brown porous mg sandstone, no
89	91.9	LM		FMG	GY	0												K963014 K963015	89-91.9m: Grey limestone/calcar sandst w no vis min
91.9	95.7	LM	BXD	FMG	GY	1	PY	2										K963015 - K963017	91.9-95.7m: Bxd, vuggy grey massive-like limestone w py in vns at 93.5m; minor gg at 95.6 (1cm)
95.7	99.3	LM		FMG	GY	1	PY SP	2 1										K963018 - K963020	95.7-99.3m: Limestone as 89-91.9m; minor sphalerite in three mm thick vns at 96.8-97.1m; py diss and in vn selv
99.3	106	QTZ	VN	FMG	GYL	0	PY SP	2 1				QC	20					K963021 - K963024	99.3-106m: Banded, lt grey qtzite w 20-30% qtz, qtz-sider stw, no vis min, except py and very minor sphaler at 99.7-99.9m, 100.9m; mass qtz-sider vuggy vn at 100.2-100.3m; 10% py in vns at 102-102.5m; mass qtz-sider vn w no min at 102.96-103.1m

PROJECT: Plata

HOLE_ID: PL11-68

LOGGED BY: _Karin Fecova

DATE: __21-22 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
106	110.95	WSH		FG	GYL	0	PY	2										K963024 - K963030	106-110.95m: Grey soft shale w two mass qtz-sider vns w no vis min at 105.9-106.2m w bxd contacts, another vn at 109.8-110.1m; 10% py as fine dissemnts
110.95	117.96	GG		FG	GY	0	PY	2										K963030 - K963032	110.95-117.96m: Grey shale w silicfd and veind qtzite w no vis min at 115-116m; two qtz-sider vns in falut gouge and very broken rock at 111.5m and 111.7m; strong fault gg from 116-117.96m
117.96	117.96	EOH																	117.96m:End of hole

PROJECT: Plata

HOLE_ID: PL11-68

SAMPLED BY: _Karin Fecova

DATE: _21-22 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965949	6.1	8.23	2.13	HC		0.025	7	25	1550	3.37	610	2440
K965950	8.23	9.53	1.3	HC		0.025	30	25	1340	5.08	8820	11700
K965951	9.53	10.67	1.14	HC		0.025	11	25	600	1.93	2630	1380
K965952	10.67	11.97	1.3	HC		0.025	2.5	25	1070	3.09	60	1200
K965953	11.97	12.97	1	HC		0.025	5	25	1540	6.10	1440	10650
K965954	12.97	13.78	0.81	HC		0.025	2.5	25	450	15.90	450	2680
K965955	13.78	14.99	1.21	HC		0.025	7	25	960	2.62	3190	3200
K965956	14.99	16.76	1.77	HC		0.025	10	25	1780	3.43	550	2710
K965957	16.76	18.59	1.83	HC		0.025	2.5	25	1330	2.75	310	1460
K965958	18.59	19.22	0.63	HC		0.025	2.5	25	2020	3.14	270	5230
K965959					Blank	0.025	2.5	25	25	0.50	10	40
K965960	19.22	21.34	2.12	HC		0.025	2.5	25	870	2.35	70	590
K965961	21.34	23.32	1.98	HC		0.025	2.5	25	1880	7.17	930	8930
K965962	23.32	25.91	2.59	HC		0.025	2.5	25	720	7.15	1540	3180
K965963	25.91	26.94	1.03	HC		0.025	2.5	25	1710	1.94	30	210
K965964	26.94	27.99	1.05	HC		0.025	2.5	25	400	1.54	30	120
K965965	27.99	29.35	1.36	HC		0.025	2.5	25	630	2.02	40	270
K965966	29.35	31.85	2.5	HC		0.025	7	25	790	5.31	2730	32500
K965967	31.85	32.5	0.65	HC		0.025	10	25	4160	3.12	1310	11350
K965968	32.5	35.05	2.55	HC		0.025	2.5	25	980	2.84	620	7750
K965969	35.05	37	1.95	HC		0.025	2.5	25	670	7.16	500	11550
K965970	37	38.1	1.1	HC		0.025	14	25	1490	3.67	1690	890
K965971	38.1	39.3	1.2	HC		0.025	2.5	25	1620	2.57	30	2400
K965972	39.3	40.7	1.4	HC		0.025	2.5	80	1140	4.59	450	4270
K965973					Standard (CDN-ME-17)	0.53	34	120	360	19.25	6730	75700
K965974	40.7	41.25	0.55	HC		0.025	13	25	60	27.70	4280	108500
K965975	41.25	41.98	0.73	HC		0.025	2.5	25	50	23.20	30	145000
K965976	41.98	42.6	0.62	HC		0.025	2.5	25	180	29.30	30	1820
K965977	42.6	44.1	1.5	HC		0.025	2.5	25	190	18.85	20	2190
K965978	44.1	45.48	1.38	HC		0.025	2.5	25	90	21.70	40	7260
K965979	45.48	46.75	1.27	HC		0.025	546	25	740	18.70	40	10350

PROJECT: Plata

HOLE_ID: PL11-68

SAMPLED BY: _Karin Fecova

DATE: __21-22 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K965980	46.75	47.42	0.67	HC		0.025	2.5	25	610	21.40	30	3380
K965981	47.42	48.47	1.05	HC		0.025	2.5	25	410	22.10	30	41900
K965982	48.47	50.63	2.16	HC		0.025	2.5	25	580	10.30	40	295000
K965983	50.63	52.92	2.29	HC		0.025	12	25	210	12.30	30	289000
K965984	52.92	53.34	0.42	HC		0.025	9	25	130	11.20	50	300000
K965985	53.34	54.8	1.46	HC		0.025	13	25	25	13.80	4770	300000
K965986	54.8	55.63	0.83	QC		0.025	24	25	50	12.90	150	300000
K965987	54.8	55.63	0.83	QC	Duplicate of K965986	0.025	21	25	25	12.70	330	300000
K965988	55.63	56.39	0.76	HC		0.025	53	25	210	17.55	20000	177000
K965989	56.39	57.8	1.41	HC		0.025	36	80	410	11.50	18150	70600
K965990	57.8	59.44	1.64	HC		0.025	22	60	470	8.62	6820	113500
K965991	59.44	61.21	1.77	HC		0.025	14	25	730	9.11	5540	68300
K965992	61.21	62.48	1.27	HC		0.025	2.5	25	1650	5.84	210	6160
K965993	62.48	64.61	2.13	HC		0.025	2.5	25	1120	5.38	470	3620
K965994	64.61	65.8	1.19	HC		0.025	2.5	25	1340	3.91	50	950
K965995	65.8	66.5	0.7	HC		0.025	10	25	820	5.83	4070	4580
K965996	66.5	67.6	1.1	HC		0.025	2.5	25	5980	5.77	530	6710
K965997	67.6	68.58	0.98	HC		0.025	2.5	25	1230	4.20	40	3710
K965998	68.58	70.79	2.21	HC		0.025	2.5	25	1460	2.93	20	100
K965999	70.79	71.34	0.55	HC		0.025	2.5	25	2030	3.51	30	620
K966000					Blank	0.025	6	25	25	0.50	10	60
K963001	71.34	72.33	0.99	HC		0.025	10	25	1770	2.54	130	620
K963002	72.33	73.15	0.82	HC		0.025	9	25	440	4.60	90	1180
K963003	73.15	74.7	1.55	HC		0.025	2.5	25	840	2.37	820	14650
K963004	74.7	76.2	1.5	HC		0.025	2.5	25	620	2.51	100	190
K963005	76.2	77.1	0.9	HC		0.025	2.5	25	670	2.27	80	140
K963006	77.1	78.77	1.67	HC		0.025	5	25	800	4.72	1060	4290
K963007	78.77	79.95	1.18	HC		0.025	2.5	140	1230	9.27	100	8570
K963008	79.95	81.67	1.72	HC		0.025	2.5	50	580	1.97	180	3470

PROJECT: Plata

HOLE_ID: PL11-68

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DATE: __21-22 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K963009	81.67	83.52	1.85	HC		0.025	2.5	25	270	1.56	130	2180
K963010	83.52	84.56	1.04	HC		0.025	15	25	500	2.43	90	130
K963011	84.56	86.56	2	HC		0.025	2.5	25	1400	2.95	10	140
K963012	86.56	89	2.44	HC		0.025	2.5	25	1700	2.52	20	590
K963013					Standard (CDN-ME-12)	0.38	45	110	470	4.52	2060	2670
K963014	89	91.44	2.44	HC		0.025	2.5	25	4700	4.85	10	360
K963015	91.44	92.35	0.91	HC		0.025	2.5	25	8710	6.24	20	270
K963016	92.35	94.49	2.14	HC		0.025	2.5	25	310	8.16	10	210
K963017	94.49	95.77	1.28	HC		0.025	2.5	100	3900	6.58	30	290
K963018	95.77	96.62	0.85	HC		0.025	2.5	90	1930	4.55	30	140
K963019	96.62	98.5	1.88	HC		0.025	2.5	25	960	6.28	20	90
K963020	98.5	99.36	0.86	HC		0.025	2.5	50	760	4.29	10	460
K963021	99.36	101.5	2.14	HC		0.025	2.5	25	720	2.80	10	570
K963022	101.5	103.63	2.13	HC		0.025	2.5	60	520	4.37	20	360
K963023	103.63	104.75	1.12	HC		0.025	2.5	60	1620	3.91	10	90
K963024	104.75	106.2	1.45	QC		0.025	2.5	25	320	2.49	10	90
K963025	104.75	106.2	1.45	QC	Duplicate of K963024	0.025	2.5	25	520	3.87	10	130
K963026	106.2	107.9	1.7	HC		0.025	2.5	25	1500	3.94	10	90
K963027	107.9	109.03	1.13	HC		0.025	2.5	25	2100	1.45	10	50
K963028	109.03	109.93	0.9	HC		0.025	2.5	25	2180	1.01	10	60
K963029	109.93	110.5	0.57	HC		0.025	2.5	25	2200	4.58	40	360
K963030	110.5	111.5	1	HC		0.025	2.5	25	2240	3.24	20	100
K963031	111.5	115.2	3.7	HC		0.025	2.5	120	1250	5.48	10	450
K963032	115.2	117.96	2.76	HC		0.025	5	200	1810	2.82	10	230

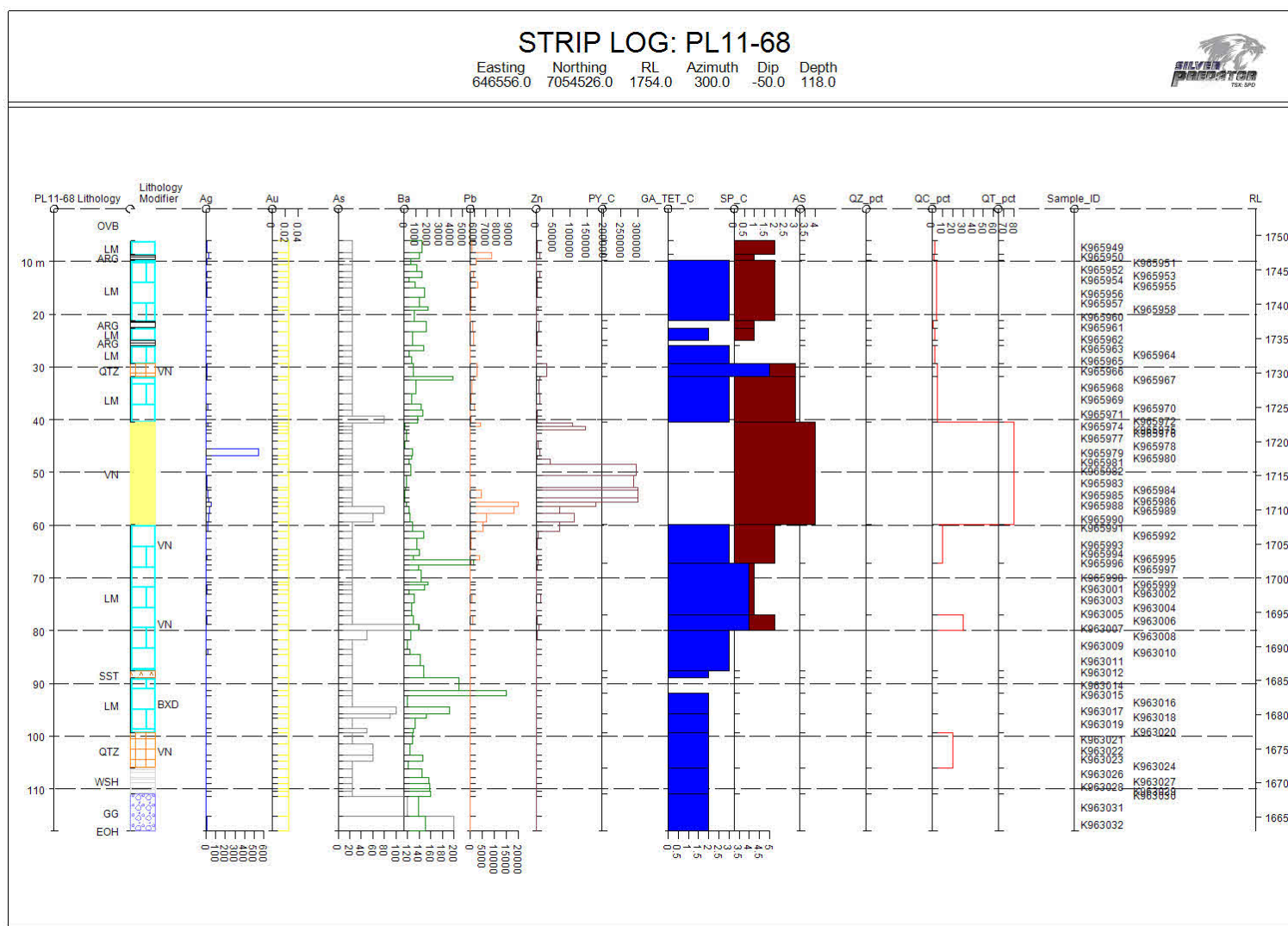


Figure 15. Strip log PL11-68. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-69

PROJECT: Plata

PROSPECT: P2

PROJECT CODE: PL

TARGET: High grade Ag vein-P2 vein

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Alain Boisvert

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
DH SURVEYED (Y/N): Y	9.1	299.8	-62.0
DH SURVEYED BY: Alain Boisvert	100.6	300.1	-62.5
DH SURVEY TOOL: Reflex-multiple shot	176.8	301.1	-62.9

DRILLHOLE SUMMARY

START DATE / TIME: 17-Aug-11

FINISH DATE / TIME: 19-Aug-11

LOGGED BY: Karin Fecova

DATE: August 23-26, 2011

NAD83-8N UTM E: 646556

NAD83-8N UTM N: 7054526

ELEVATION (M): 1754

HOLE DIP: 60

HOLE AZIMUTH: 300

TOTAL LENGTH: 178.00

HOLE TYPE: DD

CORE SIZE: NTW

CASING DEPTH (M): 6.08

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: N

BOTTOM LINE: n/a

TOOL TYPE: n/a

SAMPLES: K963033-K963180

148 samples

0-6.1 Overburden, no core

6.1-27.4 Med gy limestone/calcar sandstone/siltstone & non-calcar bk shale, 2-5% qtz-carb-min py vns

27.4-32.5 Non-calc qtzose sandst/siltst w bk sh lamin/thin beds, 2% qtz-carb vns, min py, sphal and gal

32.5-33.9 Grey quartzite with 3% pyrite

33.9-36.5 Non-calc qtzose sandst/siltst w bk sh lamin, breccd; py, sphal and gal in occas qtz-sider vns

36.5-40.2 Quartzite with 10% sheeted quartz-siderite+/-sphalerite and galena veins

40.2-45.8 Bk-dk gy sh w soft sed deformation, 20-30% py and rare qtz-sider-sphaler-gal vns

45.8-47.7 Massive grey quartzite with 12% quartz and qtz-sider veining with 5% py, 1% sphal and gal

47.7-62.2 Bk-dk gy sh interbed w vnd qtzite, soft sed deformation in sh; occas qtz-sider-sphal-gal vns

62.2-65 Light to medium grey quartzite with 3% quartz and quartz-siderite veining with common sphal

65-69.6 Mass mg-cg sider-qtz vn w 90% sider, 10% qtz; multiple sider pulses; brecc; limon and rare py

69.6-73.8 Gy qtzose sandst/siltst w bk shale lamin; brecc; 20% sphal; 20-30% sider-limon-qtz-sphal vns

73.8-82.4 Weakly to moderately calcareous sandstone/siltstone with 15% quartz-siderite-sphal+/-gal veins

82.4-87.2 Banded grey shale and quartzite with 5% quartz-siderite +/- chlorite veining; common pyrite

87.2-93 Grey quartzite with occasional veined subintervals with quartz-siderite-pyrite veing

93-95 Laminated black and grey shale with 5% pyrite in rare carbonate-quartz hairline stringers

95-97.83 Grey quartzite with 40% quartz-siderite-limonite+/-sphalerite veins

97.83-100.2 Massive siderite-quartz+/-limonite vein

100.2-105.2 Grey quartzite with 35% quartz-siderite veins

105.2-114.2 Grey quartzite with 2-15% quartz-siderite veins with trace sphalerite

114.2-115.5 Black graphitic shale and grey quartzite with minor pyrite

115.5-117.1 Massive siderite-quartz-chlorite vein with minor pyrite and trace sphalerite

117.1-118.1 Light-medium-dark banded shale/siltstone with 5% siderite veins

118.1-129.5 Gy qtzite intercal w gy and bk sh; 40% carb, qtz, qtz-carb and sider vns w common py and min sphal

129.5-135 Dark to medium grey calcareous sandstone/siltstone with 10% qtz-carb veins with tr sphal

135-139.2 Med gy limest/calcar sandst/siltst intercal w non-calcar bk sh w 1% qtz-carb vns and rare py

139.2-148 Mass to semi-mass sider-qtz-limon-chlor vn w multiple sider pulses; no vis mineralization

148-151.6 Medium grey limestone/calcareous sandstone/siltstone with 20% qtz-carb vns and tr sphal

151.6-157.9 Med gy vnd and brecciatd limest/calcar sandst/siltst w 50% qtz-sider+/- chlor+/-py vns

157.9-165 Dark to medium grey calcareous sandstone/siltstone with rare carbonate veins

165-167 Dark to medium grey calcareous sandstone/siltstone with 15-20% quartz-carbonate veining

167-168.7 Dark to medium grey calcareous sandstone/siltstone with rare quartz-carbonate veining

168.7-169.7 Black shale with common pyrite

169.7-178 Dark to medium grey calcareous sandstone/siltstone with rare quartz-carbonate veining

178 End of hole

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LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	6.1	OVb																	0-6.1m: Overburden, no core
6.1	11.1	LM		FMG	GY	0	PY	2				QC	2					K963033 - K963035	6.1-11.1m: Med grey limest/calcar sandst/siltst intercaltd w laminae of non-calcar bk shale, locally banded, locally massive; rare 2% qtz-carb vng, few mm thick, some planar (45 TCA), some stw, 2-3% py in interval, up to 10-20% fmg py in qtz-carb vns
11.1	13.92	LM		FMG	GY	0	PY	4				QC	3					K963036 - K963038	11.1-13.92m: Med grey limest/calcar mudst/siltst w bk shale subunits, w rare qtz-carb vns; 2-3% wh-orange, fmg, 1-7mm thick, some planar, some stw w 70% vfg py in central parts of some veins; all fracs strongly oxidzd w 1 cm thick oxidized envelope, no vis min; at 13.64m: 7 cm thick tect bx?, heald fault?
13.92	15	LM	VN	MG	GY	0	PY GA/TET	2 2				QC	5					K963038 K963039	13.92-15m: Lth as 11.1-13.92m w 5% qtz-carb (sider)-gal/tet vns, hair to 3 mm thick, 10% mg gal in vns, stw, some 00TCA; ga vns cross cut qtz vns at 13.94-14.3m; also 2 mass qtz-sider vns, 2 cm thick, no vis min at 13.74-13.94m
15	17.5	LM		FMG	GY	0	PY	2				QC	3					K963039 - K963042	15-17.5m: Lith as 11.1-13.92m, w 3% qtz-carb vng, hair-1 cm thick, stw, w 50% py in some of central parts of vns
17.5	18.5	LM		FMG	GY	0	PY	4				QC	3					K963042 K963043	17.5-18.5m: Lith as 11.1-13.92m, py content increases due to presence of py bands, blebs, streaks, common py in qtz-carb vns (up to 90%); blebs can be bxd and included within qtz, also 5% diss py in host; overall 10% py
18.5	23	LM		FMG	GY	0	PY	2										K963043 - K963046	18.5-23m: Lith as 11.1-13.92m, w less py as prev unit 17.5-18.5m

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23	24	LM		FMG	GY	0	PY	4				QC	2					K963046	23-24m: Lith as 11.1-13.92m, w higher py content (py in qtz-carb-ser vns, concentrad in central parts-50%); py in blebs, diss in host, as incln bxd in qtz vns, in streaks, up to 15% py overall
24	27.4	LM		FMG	GYD	0	PY	2				QC	2					K963046 - K963049	24-27.4m: Lith as 11.1-13.92m, but darker grey, still banded w 2-5% py in bands, vns and blebs, diss in host; 2% qtz-carb vns w no vis min except py
27.4	31.5	QTZ		FMG	GY	0	PY GA/TET SP	3 1 1				QC	2					K963049 - K963053	27.4-31.5m: Non-calcar sandst/siltst/"qtzite" and bk shale laminae and thin beds, banded, loc massive such brown porous sandst at 27.5-27.8m; in overall similar appearance as banded limestone, but it doesn't react w HCl, 3% py in bands, vns, blebs; bands ll laminae; 2% qtz-carb vn, no vis min, stw, except by gal and sphalr occurence coverd in the next interval below; 30.1m: 1 cm band of py
31.5	32.5	QTZ		FMG	GY	0	SP PY GA/TET	2 4 2				QC	2					K963053 - K963055	31.5-32.5m: Lt-med-dk grey qtzite/non calcar sandst/siltst/mudst w 2% qtz-carb (sider) vns, stw like, hair-1 cm thick, fmg tp mcg, some planar (45, 60-80TCA), wh, wh-orange, 10% mg gal and sphaler in some qtz-sider vns (at 30.68-31.7m); present are also qtz-carb-tour?/chlor? vns as stw w common py; 5-50% vfg py in vns, in their central portions; at 32.23m: 1.5 cm band pf py w qtz;
32.5	33.9	QTZ		FMG	GY	0	PY	3										K963055 K963056	32.5-33.9m: Grey qtzite w 3% py; at 33.43m: 1 cm thick bleb/band w py

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33.9	36.5	QTZ		FMG	GY	0	SP GA/TET PY	2 1 4				QC	2					K963056 K963057	33.9-36.5m: Lith as 31.5-32.5m, but present are also bxd texture, likely along contacts between beds; vn bx w 40% chlrd clast, 2-4mm large, some clasts replaced by py+assoctd semi-mass (10 cm thick) py subunit; at 34.6m (shown in blue as healed fault zone?); 35.6m: bxd texture w semi mass py in blebs, replacing clasts, over 25 cm (healed fault zone?); 33.9-34m: 2 mm thick vn w 10% mg sphaler and 2% galena, stw like; 35.3m: 2 cm thick qtz-sider vn w 2% mg sphaler; 36.4-36.5m: 1.5cm thick qtz-sider-calc vn (photo), vcg, 1 cm rhombohedrons, 15% sphalerite in clusters; 35.6-36.2m: py rich zone, 20% py in qtz-sider, squiggly vns, blebs, streaks, assoctd w chlor, calcite, qtz, ser? (zoned vn) w qtz-calc at margs and py-chlor-ser in the center
36.5	37.5	QTZ	VN	FMG	GY	0	PY GA/TET	3 1				QC	10					K963058	36.5-37.5m: Qtzite as 31.5-32.5m, but up to 10% sheet, 3 mm thick, 3-5cm spaced, wh, fg qtz vns, qtz-sider vns, rare 3 cm thick vns, no vis min, -45 TCA vs bk shale beds at 45 TCA
37.5	40.2	QTZ		FMG	GYL	0	PY GA/TET SP	2 1 1				QC	2					K963059 K963060	37.5-40.2m: Qtzite as 31.5-32.5m, but less vnd; at 40.15m: Sider-qtz-30% sphaler-20% gal vn, 4 mm thick, planar, mcg, 45 TCA (bk shale -45 TCA); py very abundant at UC w bk shale
40.2	45.8	BSH		VFG	BK	0	PY SP GA/TET	6 1 1				QC	5					K963060 - K963063	40.2-45.8m: Bk and dk grey shale w soft sed deform and textures and clasts of unconsolidtd qtzite/siltst; abundat py in bands, streaks, blebs, dissemntd, clusters (20-30%py); at 45.42m: 1 cm thick, fmg qtz>>sider vn w 2% sphaler+gal in qtz; in cg (gritty parts of snadst btw bk shale->py replaces bigger grains); qtz vns in qtzite subunits, sheetd, 2-10mm thick, 45 TCA, no vis min

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45.8	47.7	QTZ	VN	FMG	GYL	0	PY GA/TET SP	3 1 1				QC	2					K963064 K963065	45.8-47.7m: Qtzite, fmg, grey, massive w 12% qtz, qtz-sider vng:fmg, wh-creamy, w up to 5% py in vn selv; 1% sphaler and gal; present are also qtz-chlor-py vn stw (chlor looks very bk-almost like tourmaline)
47.7	62.2	BSH		VFG	BK	0	PY SP GA/TET	4 1 1				QC	2					K963065 - K963076	47.7-62.2m: Bk and dk grey vfg shale w interbedded veind qtzite/qtzose siltst/sandst, also common soft sed deformtn (clasts of qtzite in bk shale), abundt py in bk shale (blebs, clusters, streaks, bands) also bxd by qtz and as inclusions in qtz, dissemntd in shale (up to 20% py); minor spahler in qtz-carb vns at 51-51.82m and minor gal-gal stringers in bk shale at 53.2m; at 53.64m: 1 cm thick, wh, fmg qtz-sider vn w 5% mg sphaler, vuggy, 30 TCA, planar; at 58.4m: Sider-qtz-2% gal vn, mcg, yell-wh, irreg margs, 1 cm thick, 20 TCA; 59-59.2m: 2% sphaler, mg, diss in qtz-sider vns, one at 10 TCA, other at 30 TCA, 4mm thick, chlortzd irreg margs, vuggy, py in vn selv; 61.2-61.7m: 2% mg sphaler in irreg qtz-sider-chlor vns, vuggy, fmg, 1 cm thick
62.2	65	QTZ		FMG	GY	0	PY SP	4 3				QC	3					K963077 - K963080	62.2-65m: Qtzite, lt to med grey, fmg, 3% qtz, qtz-sider vns w 3% mg sphaler in these vns over the whole interval, these vns are
65	69.6	VN		MCG	ORL	1	PY	2	LI	PAT	2	QC	85					K963080 - K963085	65-69.6m: Main sider-qtz vn, massive, 90% sider-10% qtz, mcg vn, multiple sider pulses, bxd texture and UC and LC w host, also within vn-> 10 cm scale big frags of vnd qtzite host, up to 10% limon common in vn (vuggy-limon coatings); py occurs in fracs w chlor, no sphaler or gal/tet min observd in this vn

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69.6	73.8	QTZ	VN	FMG	GY	0	SP PY	4 3	LI	PAT	2	QC	20					K963086 - K963089	69.6-73.8m: Grey qtzite/qtzose sandst/siltst w bk shale subunits that appear to be bxd/deformd; 20-30% sider-limon-qtz-sphaler vns, stw like, hair to 4 cm thick, many ll TCA, long over 10cm; 20% sphaler occurs in hostas "diss" subll blebs (replacing carbonate?, carbonate also as ll streaks, blebs at mm size); up to 80% sphaler occurs in vns w sider-qtz vn; in general up to 20% sphaler in interval; at 70.54-70.9m: mass sider vn, no sphal; 73.2m: mass lim-sider-qtz vn; 75m: mass 60% sphal-sider-lim-qtz vn, 3 cm thick, 20 cm long; 76.5m: mass sphaler-sider vn (50% sphaler), 7 cm thick;
73.8	78.8	LM	VN	FMG	GY	0	SP PY	4 3	LI	PAT	2	QC	15					K963089 - K963092	73.8-78.8m: Weakly to moder calcar sandst/silts w abundant qtz-sider-sphaler vns (15-20%), see vns above; sphaler occurrence as 69.70-73.8m; some sider-qtz vns also contain chlor (in central parts)
78.8	82.4	LM		FMG	GY	0	SP GA/TET PY	2 2 3				QC	3					K963092 - K963095	78.8-82.4m: Weakly to moder calcar sandst/siltst and bk shale beds and laminae-multiple subunits (see graphic log); rare qtz vng, mostly in qtzite subunits; 79.25-79.45m: 5% gal and sphaler in these sider vns-stringers in bk shale; py common as indiv cxls, diss and in clusters in bxd sectns of bk-grey shale
82.4	87.2	WSH		FG	GY	0	PY	3				QC	5					K963096 - K963100	82.4-87.2m: Banded, thinly bedded - lamintd, grey (lt-med-dk) shale w qtzite thin beds, w 5% qtz-sider +/- chlor vng, no vis min, wh, fmg, mass to semi mass vns at 84.7m, 85m, 85.7m; common py in blebs, clusters, in deformd portions, along contacts

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87.2	93	QTZ		FMG	GY	0	PY	3				QC	7					K963100 - K963104	87.2-93m: Grey qtzite, fmg, lt to med grey w vn sectn (semi-mass) at 88.9-89.1m; qtz-sider-py vn bxng seds w py in blebs and clusters; up to 5% py, fg, fresh; similar bxd zone w qtz-sider-chlor-30% py vns at 92.5-92.8m
93	95	BSH		VFG	BK	0	PY	3										K963105 K963106	93-95m: Bk and grey shale, lamintd, bedded w thin sandst/silts interlaminae/interbeds; up to 5% py in clusters, diss, and in rare carb-qtz hairline stringers
95	97.83	QTZ	VN	FMG	GYL	0	SP PY	1 3				QC	40					K963106 - K963108	95-97.83m: Lt to med grey qtzite, mass, mg, 40% qtz>>sider-limon+/-sphaler vns, stw, hair to few cm thick, wh, fcg, vuggy; at 96.4-96.7m: 4 cm thick, 30 cm long, 10 TCA qtz>>sider-minor sphaler vn; 97.5-97.7m: dense stw or semi mass qtz-sider vn, wh, fmg, vuggy, no vis min;
97.83	100.2	VN		MCG	ORL	1			LI	PAT	2	QC	100					K963109 K963110	97.83-100.2m: Massive sider>>qtz vn, lt orange+/-limon, limon patchy in vugs, locally bxd by another sider vng, no vis min
100.2	105.2	QTZ	VN	FMG	GY	0	SP	1				QC	35					K963111 - K963116	100.2-105.2m: Lt - med grey qtzite/sandst, fmg, mass, w abundant 35% qtz-sider vns, wh, fmg, stw, 2-4mm thick; 102-102.2m: wh, mass, qtz>sid vn, ni vis min, 10 cm thick; in general: 2 types of stw vng (fairly thick vns at mm to cm scale), 1. type is qtz>>>sider vng (white), 2.type is sider>>>qtz vng (orange); sider vng cross cuts qtz vns, they are vuggy, pitted vns

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105.2	111.25	QTZ		FMG	GY	0	PY SP	21				QC QZ	35					K963116 - K963120	105.2-111.25m: Grey qtzite, fmg, relatively mass, w occas qtz, qtz-sider vng; vns are either 2-8mm thick, wh-creamy, 60-80TCA, no vis min; at 104.55m: 4 cm thick, sider-qtz vn, yellowish, 40 TCA, no vis min; 105.16m: 4 cm thick, 2 sider-qtz vn, orang-yell, 40 TCA, no vis min; 106.1m: 3 cm thick, vn bxd band of sider-qtz-chlor, orange-yell-green, fmg, 45 TCA, no vis min; 106.3m: trace sphaler in sider stw vn; 108.2-108.6m: sider-qtz vn bx w cm sized qtzite frags, vuggy, mcg, no vis min
111.3	114.2	QTZ	VN	FMG	GY	0	PY	2				QC	10					K963121 K963122	111.25-114.2m: Grey qtzite as 105.2-111.25m, but w abundt qtz, qtz-sider and sider vng; 10-15% stw vns, hair to 5mm thick, yell-orang-wh, fmg, no vis min, minor py in vn selvs
114.2	115.5	QTZ		FMG	GY	0	PY	3										K963123 K963124	114.2-115.5m: Bk graph shale at 114.2-115m and grey qtzite at 115-115.5; qtzite bxd by wh, fg, qtz vns; bk shale w diss vfg 3-5% py, no vis min in vns
115.5	117.1	VN	BXD	MCG	OGY	0	SP PY	12				QC	80					K963124 - K963126	115.5-117.1m: Mass two sider-qtz-chlor vns from 115.5-116.5m; yell-lt orange, mcg, vuggy, cm sized frags at UC zone, no vis min 2% py replacing clasts in vn bx at LC, also trace sphaler at 116.65m in qtz-sider stw vn in grey qtzite; 30% qtz stw vns are wh, fg, no vis min
117.1	118.1	WSH		FG	GY	0						QC	5					K963126	117.1-118.1m: Grey (lt-med-dk) banded and vn bxd shale/siltst, minor 5% stw vns (mm thick), no vis min; 2 cm clay gouge within shale w sider vn w no vis min

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118.1	129.5	VN	BXD	MCG	OGY	0	SP PY	14				QC	40					K963126 - K963135	118.1-129.5m: Melange of qtzite intercaltd w grey shale/siltst and dk grey qtzite/arglte/bk shale; all densely bxd by vns; 40% hair-1cm thick stw:carb, qtz, qtz-carb, sider vng w no vis min; at 118.4m: 2.5cm thick, fcg, wh-orange, qtz-sider vn, 35 TCA, no vis min, similar vn at 120.35m; 120.41m:minor sphaler in sider stw vn; 120.7-120.8m: semi-mass sider vng, no vis min, lt orange-mcg, host frags inclusions; 123-123.3m: 5% py replacing host frags in vn bx; 123.85-124.4m: 30% py in blebs, clusters, patches, semi mass nature, assoctd w qtz, sider and chlor in vn bx; 126.5m: minor clay gouge in qtzite-vn bx; 127.7-128.72m: Lim-sider-qtz-chlor semi mass vn, somehow crumbly, in one loctn-fault?, no vis min, str orange colour, fmg, patchy appearance
129.5	131.5	LM	VN	FMG	GYD	0	SP	1				QC	10					K963135 - K963137	129.5-131.5m: Dk grey-med grey calcar sandst/qtzite, mg, vuggy-pitted, weak rxn w HCl; 10% discrete, hair to 5mm thick stw qtz-carb vns, wh-creamy, offset, xcutting each other, fmg, no vis min, except @131.1m:trace sphaler in carb vns
131.5	135	LM	VN	FMG	GYD	0						QC	10					K963137 - K963140	131.5-135m: Dk grey -med grey calcar sandst/siltst as 129.5-131.5m, but strong rxn w HCl
135	139.2	LM		FMG	GY	0	PY	1				QC	1					K963141 - K963144	135-139.2m: Grey (med) limest/calcar sandst/siltst intercaltd w identical non-calcar mudst/siltst, massive; rare 1% qtz-carb stw (hairline-1-2mm thick), rare py in vns

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139.2	148	VN		MCG	ORL	1	PY	1				QC	80					K963145 - K963153	139.2-148m: Mass to semi-mass sider-qtz-limon-chlor vn (limon-sider vn cuts sider vn), contains frags of calcar sandst and that is heavily stwd, no vis min, bxd texture; rare py at 142.36m in blebs in bk shale deformed laminae w calcar sandst frags; in the lower part mass to semi-mass qtz vn, multiple pulses, cxlzing around host frags (photo), bxd texture, minor sider vng in the last 50 cm, no vis min
148	151.6	LM	VN	FMG	GY	0	SP	1				QC	20					K963153 - K963155	148-151.6m: Med grey calcar sandst/silts/limest w stw vng; w 20% hair-1 cm thick, wh-cream, no vis min except trace sphaler in 2 mm thick stw vn at 150m
151.6	157.9	VN		FMG	GY	0						QC	50					K963156 - K963161	151.6-157.9m: Med-dk grey vnd, bxd, calcar sandst/siltst, mass w 50% stw vng, qtz-carb (sider) +/- chlor+/-py, hair to cm thick qtz vn bx w mm to cm angul frags of host, wh-yell-orange, fmg, no vis min
157.9	163.5	LM	VN	FMG	GY	0						QC	40					K963161 - K963165	157.9-163.5m: dk-med grey calcar sandst/siltst/limest w short subunits of bk shale; lower 2 m stw -qtz vn bx w 40% qtz-carb vns, wh-creamy, fmg, vuggy, w 1 mm euh scalenohedrons of carbonate in vugs, pitted host as well locally, multiple pulses in vns (creamy outer zone, white central zone); qtz-carb breccia gets semi mass vn look with host frags within, no vis min
163.5	165	LM		FMG	GY	0						QC	7					K963166 - K963167	163.5-165m: Dk to med grey calcar siltst w rare carb hair to mm thick stw, no vis min
165	167	LM	VN	FMG	GY	0						QC	15					K963168 - K963169	165-167m: Dk-med grey calcar sandst/siltst w 15-20% qtz-carb vng, stw, hair to cm thick, no vis min, wh-creamy, fmg

PROJECT: Plata

HOLE_ID: PL11-69

LOGGED BY: _Karin Fecova

DATE: __23-26 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
167	168.7	LM		FMG	GY	0						QC	5					K963169 K963170	167-168.7m: Dk-med grey calcar sandst/siltst w rare/occas qtz-carb vng, no vis min, fmg, wh, 30 TCA, sheet, 10 cm spacing
168.7	169.7	BSH		VFG	BK	0	PY	2				QC	5					K963171 K963172	168.7-169.7m: Bk shale w fg py diss in host
169.7	171.5	LM		FMG	GY	0						QC	1					K963172 K963173	169.7-171.5m: Dk to med grey calcar sandst/siltst w rare qtz-carb stw, no vis min
171.5	172.5	LM		FMG	GY	0						QC	10					K963174 K963175	171.5-172.5m: Dk to med grey calcar sandst/siltst w 2 mass qtz-carb, wh, fmg vn, one of them planar, 20 deg TCA, no vis min, 3 cm thick, vns at 171.71-171.8m and 172.21m
172.5	174.8	LM		FMG	GY	0						QC	5					K963176 K963177	172.5-174.8m: Dk grey-blackish calcar sandst, mg, w discrete short wh qtz-carb vns, bxd texture, no vis min; at 173.6m: wh, fmg, qtz-carb vns, mass, 5 cm thick, no vis min
174.8	178	BSH		FMG	GYD	0						QC	10					K963178 - K963180	174.8-178m: Dk grey-blackish sandst/siltst and bk shale w med grey sandst/qtzite subunits; w one mass qtz>>carb vn, fmg, vuggy, no vis min at 175.9-176.2m, w frags of host w/h vn; multiple pulses of qtz, qtz-carb-> presence of zones around host frags (photo)
178	178	EOH																	178m:End of hole

PROJECT: Plata

HOLE_ID: PL11-69

SAMPLED BY: _Karin Fecova

DATE: __23-36 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K963033	6.1	8.26	2.16	HC		0.025	2.5	25	1090	1.98	20	990
K963034	8.26	10.06	1.8	HC		0.025	2.5	25	990	2.00	10	470
K963035	10.06	11.03	0.97	HC		0.025	2.5	25	1260	2.99	10	300
K963036	11.03	12.19	1.16	HC		0.025	2.5	25	660	1.61	10	480
K963037	12.19	13.72	1.53	HC		0.025	2.5	50	1720	3.00	20	720
K963038	13.72	14.52	0.8	HC		0.025	2.5	25	960	1.46	580	720
K963039	14.52	15.52	1	HC		0.025	2.5	50	2130	3.40	20	6070
K963040					Blank	0.025	2.5	25	25	0.44	10	30
K963041	15.52	16.76	1.24	HC		0.025	2.5	25	1040	1.86	10	90
K963042	16.76	18.29	1.53	HC		0.025	2.5	70	820	2.65	10	120
K963043	18.29	19.32	1.03	HC		0.025	2.5	25	390	1.15	10	20
K963044	19.32	21.74	2.42	HC		0.025	2.5	25	870	1.46	10	100
K963045	21.74	22.86	1.12	HC		0.025	2.5	25	820	1.97	10	130
K963046	22.86	24.85	1.99	HC		0.025	2.5	25	360	1.35	10	30
K963047	24.85	25.3	0.45	HC		0.025	2.5	25	2770	2.11	10	2200
K963048	25.3	26.9	1.6	HC		0.025	2.5	25	1820	2.53	10	420
K963049	26.9	28.03	1.13	HC		0.025	2.5	25	3400	6.22	10	12550
K963050	28.03	29.51	1.48	HC		0.025	2.5	25	1640	2.25	10	140
K963051	29.51	30.48	0.97	HC		0.025	2.5	25	930	4.06	10	30
K963052	30.48	31.31	0.83	HC		0.025	2.5	25	1510	1.88	40	100
K963053	31.31	32.31	1	HC		0.025	2.5	25	1020	4.60	90	90
K963054					Standard (CDN-ME-17)	0.46	34	140	360	19.05	6660	74700
K963055	32.31	33.53	1.22	HC		0.025	5	25	1570	4.13	20	200
K963056	33.53	35.07	1.54	HC		0.025	11	25	1470	2.96	30	490
K963057	35.07	36.58	1.51	HC		0.025	8	60	4750	5.45	100	2490
K963058	36.58	37.55	0.97	HC		0.025	6	25	1130	3.19	30	320
K963059	37.55	39.62	2.07	HC		0.025	2.5	25	1850	2.11	10	270
K963060	39.62	40.8	1.18	HC		0.025	11	25	2300	4.04	1890	520
K963061	40.8	42.67	1.87	HC		0.025	8	25	1480	3.24	30	70
K963062	42.67	43.57	0.9	HC		0.025	5	25	1180	3.02	60	70
K963063	43.57	45.72	2.15	HC		0.025	5	25	1230	2.97	50	150

PROJECT: Plata

HOLE_ID: PL11-69

SAMPLED BY: _Karin Fecova

DATE: __23-36 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K963064	45.72	47.23	1.51	HC		0.025	2.5	25	830	2.05	10	60
K963065	47.23	48.77	1.54	HC		0.025	2.5	25	1650	3.38	20	50
K963066	48.77	50.94	2.17	HC		0.025	6	25	1440	4.92	70	350
K963067	50.94	51.82	0.88	QC		0.025	2.5	25	1170	4.32	30	80
K963068	50.94	51.82	0.88	QC	Duplicate of K963067	0.025	5	25	1290	4.44	30	130
K963069	51.82	53	0.84	HC		0.025	6	25	1220	2.67	60	90
K963070	53	53.84	1.02	HC		0.025	11	50	1720	3.69	530	580
K963071	53.84	54.86	1.94	HC		0.025	7	25	1200	4.25	30	180
K963072	54.86	56.8	1.6	HC		0.025	5	25	1720	3.13	20	80
K963073	56.8	58.4	1.65	HC		0.025	2.5	25	470	2.45	30	80
K963074	58.4	60.05	0.95	HC		0.025	12	25	1660	4.82	450	670
K963075	60.05	61	1.19	HC		0.025	17	25	2070	5.75	110	550
K963076	61	62.19	0.95	HC		0.025	12	25	1510	4.23	370	1060
K963077	62.19	63.14	0.95	HC		0.025	2.5	25	950	2.14	70	370
K963078	63.14	64.17	1.03	HC		0.025	2.5	25	820	1.99	130	330
K963079	64.17	64.82	0.65	HC		0.025	2.5	25	2050	2.47	290	170
K963080	64.82	65.53	0.71	HC		0.025	2.5	25	530	21.20	30	930
K963081	65.53	66.33	0.8	HC		0.025	2.5	25	560	19.40	110	830
K963082					Blank	0.025	2.5	25	25	0.45	10	10
K963083	66.33	67.68	1.35	HC		0.025	2.5	25	130	31.10	10	1320
K963084	67.68	68.58	0.9	HC		0.14	2.5	100	2430	22.10	20	1030
K963085	68.58	69.6	1.02	HC		0.025	2.5	25	1810	26.70	10	1110
K963086	69.6	70.54	0.94	HC		0.025	2.5	25	140	11.90	10	380
K963087	70.54	72.03	1.49	HC		0.025	2.5	25	640	10.80	30	5200
K963088	72.03	73.47	1.44	HC		0.025	2.5	25	540	10.05	40	12300
K963089	73.47	74.67	1.2	HC		0.025	2.5	25	880	5.27	30	13700
K963090	74.67	76.2	1.53	HC		0.025	2.5	25	690	7.94	20	24900
K963091	76.2	78.05	1.85	HC		0.18	2.5	60	1350	6.15	100	6410
K963092	78.05	79.05	1	HC		0.025	2.5	25	1190	5.76	40	230

PROJECT: Plata

HOLE_ID: PL11-69

SAMPLED BY: _Karin Fecova

DATE: __23-36 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K963093	79.05	79.65	0.6	HC		0.025	2.5	80	1670	3.82	910	3440
K963094	79.65	81.2	1.55	HC		0.025	2.5	25	1190	4.48	10	190
K963095	81.2	82.4	1.2	HC		0.025	2.5	25	1310	2.23	70	70
K963096	82.4	84.03	1.63	HC		0.025	2.5	25	1520	3.29	20	120
K963097					Standard (CDN-ME-12)	0.33	43	90	510	4.61	2100	2760
K963098	84.03	85.34	1.31	HC		0.025	2.5	25	2040	4.32	10	110
K963099	85.34	86.6	1.26	HC		0.025	2.5	25	1830	2.42	10	40
K963100	86.6	87.7	1.1	HC		0.025	2.5	25	1430	4.35	10	40
K963101	87.7	88.8	1.1	HC		0.025	2.5	25	1000	2.62	10	40
K963102	88.8	89.78	0.98	HC		0.025	2.5	25	1160	3.20	10	40
K963103	89.78	91.44	1.66	HC		0.025	2.5	25	1010	3.43	70	80
K963104	91.44	92.96	1.52	HC		0.025	2.5	25	1230	4.60	20	190
K963105	92.96	94.66	1.7	HC		0.025	2.5	25	2000	2.98	120	50
K963106	94.66	96.01	1.35	HC		0.025	2.5	25	2110	4.79	70	280
K963107	96.01	96.86	0.85	HC		0.025	2.5	25	440	2.57	20	290
K963108	96.86	97.83	0.97	HC		0.025	2.5	25	720	4.57	30	210
K963109	97.83	99.06	1.23	HC		0.025	2.5	25	6270	24.10	10	530
K963110	99.06	100.15	1.09	QC		0.025	2.5	25	90	25.50	10	1050
K963111	99.06	100.15	1.09	QC	Duplicate of K963110	0.025	2.5	25	290	25.30	10	960
K963112	100.15	101.05	0.9	HC		0.025	2.5	25	460	8.24	30	390
K963113	101.05	102.11	1.06	HC		0.025	2.5	25	350	4.13	10	190
K963114	102.11	103.48	1.37	HC		0.025	2.5	25	3980	11.55	10	1120
K963115	103.48	104.59	1.11	HC		0.025	2.5	25	340	7.14	10	420
K963116	104.59	106.1	1.51	HC		0.025	2.5	25	660	3.23	10	110
K963117	106.1	107.2	1.1	HC		0.025	2.5	25	530	1.99	60	190
K963118	107.2	108.2	1	HC		0.025	2.5	25	460	1.88	10	80
K963119	108.2	109.66	1.46	HC		0.025	2.5	25	700	4.33	10	390
K963120	109.66	111.25	1.59	HC		0.025	2.5	25	430	3.43	10	440
K963121	111.25	112.63	1.38	HC		0.025	2.5	25	980	2.61	10	310

PROJECT: Plata

HOLE_ID: PL11-69

SAMPLED BY: _Karin Fecova

DATE: __23-36 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K963122	112.63	114.3	1.67	HC		0.025	2.5	25	850	2.80	10	270
K963123	114.3	115.3	1	HC		0.025	2.5	50	1660	3.40	60	100
K963124	115.3	116.86	1.56	HC		0.025	2.5	25	860	15.50	20	280
K963125					Blank	0.025	2.5	25	25	0.45	10	10
K963126	116.86	118.25	1.39	HC		0.025	2.5	25	1850	4.28	10	160
K963127	118.25	119.54	1.29	HC		0.025	2.5	25	760	4.69	10	270
K963128	119.54	120.4	0.86	HC		0.025	2.5	25	740	5.99	10	160
K963129	120.4	122.06	1.66	HC		0.025	2.5	25	680	6.58	10	120
K963130	122.06	123.44	1.38	HC		0.025	2.5	25	1870	5.99	10	270
K963131	123.44	124.53	1.09	HC		0.025	2.5	25	850	7.25	10	100
K963132	124.53	126.49	1.96	HC		0.025	2.5	25	5840	14.45	90	800
K963133	126.49	127.62	1.13	HC		0.025	2.5	25	150	20.10	90	590
K963134	127.62	128.82	1.2	HC		0.025	9	130	310	19.60	100	1940
K963135	128.82	129.72	0.9	HC		0.025	7	70	1370	18.05	50	440
K963136	129.72	131.06	1.34	HC		0.025	8	25	740	8.26	10	60
K963137	131.06	132.66	1.6	HC		0.025	2.5	25	310	4.51	10	60
K963138					Standard (CDN-ME-17)	0.39	36	120	400	19.05	6520	73100
K963139	132.66	134.11	1.45	HC		0.025	2.5	25	360	1.74	20	190
K963140	134.11	135.04	0.93	HC		0.025	2.5	25	320	2.38	10	180
K963141	135.04	136.25	1.21	HC		0.025	2.5	25	140	1.62	20	150
K963142	136.25	137.4	1.15	HC		0.025	2.5	25	50	1.88	10	190
K963143	137.4	138.5	1.1	HC		0.025	2.5	25	70	5.08	10	120
K963144	138.5	139.2	0.7	HC		0.025	5	25	140	7.37	10	80
K963145	139.2	140.64	1.44	HC		0.025	2.5	25	210	23.90	10	130
K963146	140.64	141.73	1.09	HC		0.025	2.5	25	5530	26.40	10	170
K963147	141.73	143.32	1.59	HC		0.1	2.5	140	200	19.00	10	80
K963148	143.32	144.78	1.46	HC		0.025	2.5	25	100	21.50	10	80
K963149	144.78	145.78	1	QC		0.025	2.5	60	80	19.35	20	90
K963150	144.78	145.78	1	QC	Duplicate of K963149	0.025	2.5	60	80	19.65	10	90

PROJECT: Plata

HOLE_ID: PL11-69

SAMPLED BY: _Karin Fecova

DATE: __23-36 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K963151	145.78	146.77	0.99	HC		0.025	2.5	25	60	16.40	10	80
K963152	146.77	147.83	1.06	HC		0.025	2.5	25	80	9.16	10	80
K963153	147.83	149	1.17	HC		0.025	2.5	25	80	6.86	10	130
K963154	149	150.58	1.58	HC		0.025	6	25	210	1.92	40	110
K963155	150.58	151.63	1.05	HC		0.025	2.5	25	400	2.60	10	20
K963156	151.63	152.63	1	HC		0.025	2.5	25	330	5.34	10	150
K963157	152.63	153.92	1.29	HC		0.025	2.5	25	740	2.81	10	190
K963158	153.92	154.62	0.7	HC		0.025	2.5	25	200	5.47	10	280
K963159	154.62	155.72	1.1	HC		0.025	2.5	25	90	9.11	10	330
K963160	155.72	156.97	1.25	HC		0.025	2.5	25	160	7.21	10	90
K963161	156.97	158.52	1.55	HC		0.025	2.5	25	180	3.63	10	70
K963162	158.52	160.02	1.5	HC		0.025	2.5	25	600	6.55	10	80
K963163					Blank	0.025	2.5	25	25	0.43	10	10
K963164	160.02	161.7	1.68	HC		0.025	2.5	25	420	7.34	10	50
K963165	161.7	163.07	1.37	HC		0.025	2.5	25	100	7.81	10	100
K963166	163.07	163.67	0.6	HC		0.025	2.5	25	1830	8.20	10	180
K963167	163.67	165.03	1.36	HC		0.025	2.5	25	250	0.62	30	60
K963168	165.03	166.12	1.09	HC		0.025	2.5	25	200	0.70	30	20
K963169	166.12	167.64	1.52	HC		0.025	2.5	25	420	2.62	20	20
K963170	167.64	168.78	1.14	HC		0.025	8	25	960	3.48	30	20
K963171	168.78	169.58	0.8	HC		0.025	2.5	25	590	3.99	10	10
K963172	169.58	170.69	1.11	HC		0.025	2.5	25	650	2.36	20	10
K963173	170.69	171.51	0.82	HC		0.025	2.5	25	440	1.20	20	40
K963174	171.51	172.25	0.74	HC		0.025	2.5	25	190	2.57	10	10
K963175					Standard (CDN-ME-12)	0.56	47	100	500	4.54	2110	2710
K963176	172.25	173.65	1.4	HC		0.025	2.5	25	220	1.37	10	10
K963177	173.65	174.75	1.1	HC		0.025	2.5	25	400	3.14	10	20
K963178	174.75	175.76	1.01	HC		0.025	7	50	1330	5.03	20	20
K963179	175.76	176.3	0.54	HC		0.025	2.5	25	430	5.49	20	60
K963180	176.3	178	1.7	HC		0.025	6	70	840	5.40	30	20

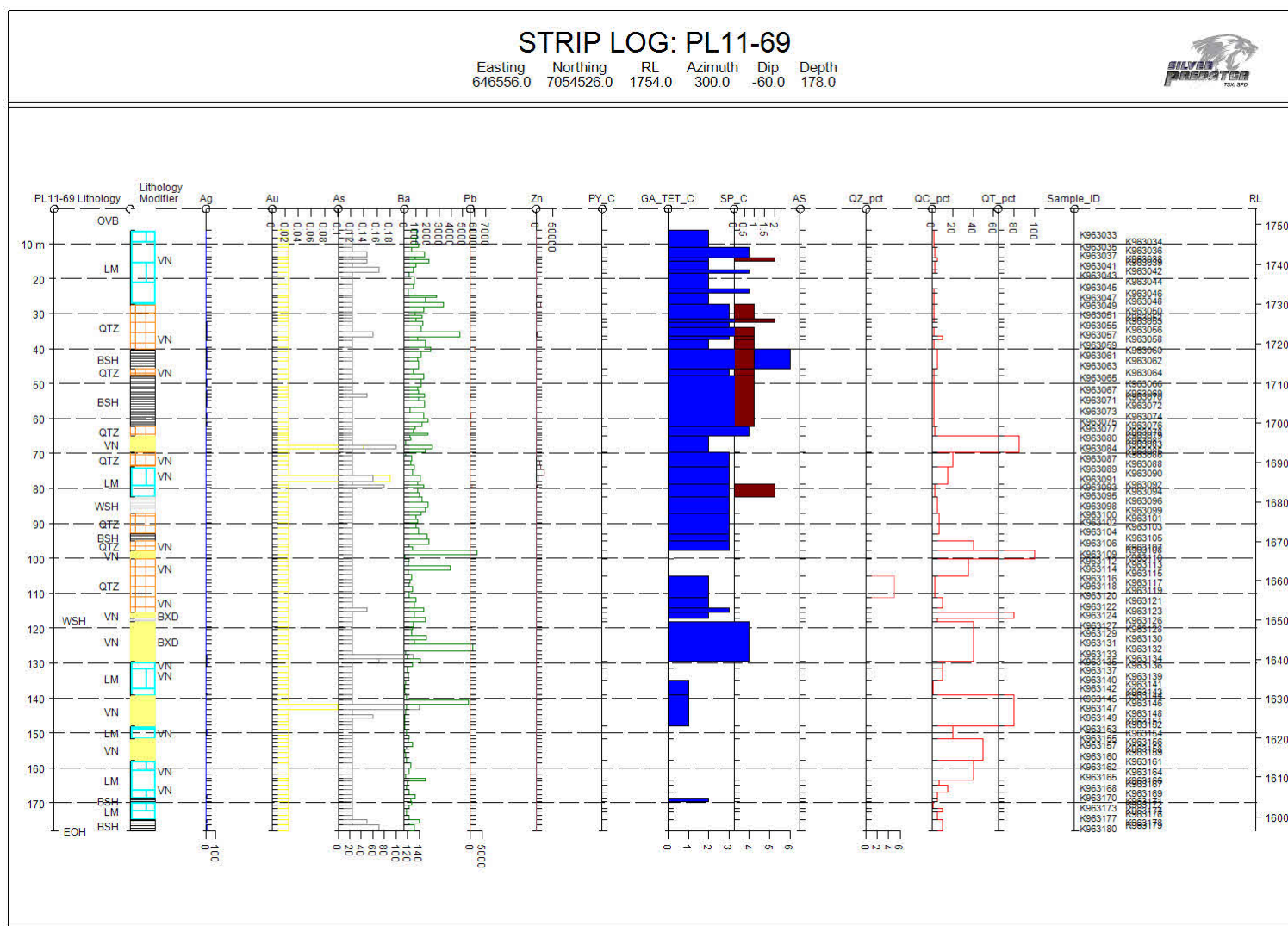


Figure 16. Strip log PL11-69. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the "CODE LEGEND" for all codes

DRILLHOLE SUMMARY FORM

HOLE_ID: PL11-70

PROJECT: Plata

PROSPECT: P12

PROJECT CODE: PL

TARGET: Extensively trenched zone

DRILL CONTRACTOR: Kluane Drilling

DRILL: KD600

DRILLER: Alain Boisvert

DOWNHOLE SURVEY

	DEPTH (M)	AZIMUTH	DIP
DH SURVEYED (Y/N):	Y	24.4	6.0
DH SURVEYED BY:	Alain Boisv	161.5	7.3
DH SURVEY TOOL:	Reflex-mult	268.2	8.5
		-50.5	-49.8
		-49.6	

DRILLHOLE SUMMARY

FROM / TO (M):

START DATE / TIME: 19-Aug-11

FINISH DATE / TIME: 22-Aug-11

LOGGED BY: Karin Fecova

DATE: August 26-28, 2011

NAD83-8N UTM E: 647490

NAD83-8N UTM N: 7054670

ELEVATION (M): 1438

HOLE DIP: 50

HOLE AZIMUTH: 6

TOTAL LENGTH: 286.51

HOLE TYPE: DD

CORE SIZE: NTW

CASING DEPTH (M): 7.6

COLLAR SURVEY: Hand-held GPS

ORIENTED CORE: N

BOTTOM LINE: n/a

TOOL TYPE: n/a

SAMPLES: K963181-K963294

114 samples

0-4.57 No core recovery

4.57-7.5 Overburden; weakly-moderately oxidized brown medium grained sandstone

7.5-17.7 Black-brown medium grained sandstone with rare siderite-quartz vns with gal and sphal

17.7-27 Dominantly black/dark grey shale intercalated with calcareous black sandstone beds

27-41.3 Dominantly dark-medium grey shale with 3-10% local pyrite blebs

41.3-49.7 Graph bk mg sandst intercal w graph bk sh w min qtz-sider stwk strings with up to 10% sphal

49.7-57 Bk mg sandst & bk graph sh & heav vnd argilte; fault zone (clay gg, intense brecc vng) incld.

57-63.9 Bk-gy band argilte, 50-60% discrete sheard brecciatd qtz & qtz-sider vng, occas gal and sphal

63.9-68.7 Banded black and grey shale with occasional quartz-siderite-pyrite+/-sphal and gal vns

68.7-77.02 Bk sh intercal w bk siltst w 5% qtz-carb vng w up to 10% py, up to 5% sphal, min cpy and gal

77.02-82.2 Sheard band bk sh/ bk siltst w occas semi-mass and mass qtz-carb vns w py and min sphal

82.2-87.5 Band gy siltst-dk gy/bk sh w 5% qtz-carb vng w 5-15% py, min cpy, 3% sphal and min gal

87.5-90.5 Domint bk-dk gy sh w rare qtz-carb strings w min py and cpy

90.5-101 Dk gy, loc graph bk shale w lt gy siltst w soft sed deformation w 7% qtz-carb vng, 10% py

101-105.6 Dk gy sh w siltst w 20% qtz-carb vng w 20% py, 5% sphal in some vns

105.6-123.83 Band dk gy and bk sh and lt-med gy siltst w 3% qtz-carb vng w up to 20% py and tr sphal

123.83-132.18 Banded dark grey and black shale and light to medium grey siltstone

132.18-135.7 with 15% quartz-carbonate veining with up to 20-25% pyrite, minor chalcopryite, 2-3% sphal

135.7-140.21 Banded dark grey and black shale and light to medium grey siltstone

140.21-153.5 with 3% quartz-carbonate veining with up to 40 % pyrite, minor chalcopryite, up to 3% sphal

153.5-161 Band dk gy and bk shale and lt-med gy siltstone w 30% qtz-carb vng w min py and sphal

161-196.2 Banded dark grey and black shale and light to medium grey siltstone with rare veining-a few

196.2-198.9 semi-massive to massive quartz-carbonate veinig with minor pyrite and sphalerite

198.9-251 Band dk gy and bk shale and lt-med gy siltstone w local subintervals of 30-40% qtz-carb vng

251-255 Mass dk gy shale and lamind bk shale and lt gy siltstone w rare qtz-carb vng w min py, tr sphal

255-259.7 Band dk gy and bk shale and lt-med gy siltstone w 20% qtz-carb vng

259.7-277.4 Banded dark grey/black shale and light to medium grey siltstone with 2% quartz-carbonate

281-286.51 veining with minor pyrite, chalcopryite, sphalerite and galena

286.51 Band dk gy and bk shale and lt-med gy siltstone w 15% qtz-carb vng w min py, cpy, sphal

End of hole Massive dark grey shale

Banded dark grey and black shale/light to medium grey siltstone

with 5% quartz-carbonate veining with minor pyrite, chalcopryite, sphalerite, trace galena

Faintly banded dark grey and black shale and light to medium grey siltstone

with 10% quartz-carbonate veining with minor pyrite, chalcopryite, sphalerite

PROJECT: Plata

HOLE_ID: PL11-70

LOGGED BY: _Karin Fecova

DATE: __26-28 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
0	4.57	CAS																	0-4.57m: No core recovery
4.57	7.5	OVB																	4.57-7.5m: Overburden; soily-clayey, very fragmntd, weak-mod oxid rock, brown, mg sandst seems to be domint
7.5	17.7	LM		MG	BK	0	GA/TET SP PY	1 1 2				QC	2					K963181 K963182	7.5-17.7m: Black-brown, loc finely lamintd, mg sandst, porous, moder HCl rxn; 7.63m: wh, fmg, qtz-FeOx vn, semi-mass (2-3 cm thick), it is fragmnt piece of core, no vis min, a few 1-2mm thick qtz-carb-iron ox vns cross-cutting beds, no vis min; 15.6m: frags of sider (orange)-qtz (wh) vn w 5% cg gal; 16.5m: 5 cm clay gouge in form of core ("fault"); 16.7m: 1 mm thick stringer of 80% gal, 20% sphaler; 16.9m: frags of sider-qtz vn w 5-10% py clusters, both vns are
17.7	27	BSH		VFG	BK	0	SP	1				QC	1						17.7-27m: Domint bk (graph)/dk grey shale intecaltd w 10 cm's thick calcar bk sandst beds; 18.8m: 1 mm thick fmg stringer of sider, perhaps sphaler?
27	41.3	WSH		VFG	GY	0	PY GA/TET SP	3 1 1											27-41.3m: Dk-med grey shale w occas few mm thick laminae/thin beds of brownish, non-calcar mg porous sandst; grey shale has a mass apperance; 3-10% local py in blebs, usually w bk shale or siltst laminae; 26.827m: stringer of sider or sphaler and 5 mm thick band of py bxd by galena? 1 mm stringers

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41.3	49.7	GG	VN	VFG	BK	0	SP PY	2 1				QC	30					K963183 - K963189	41.3-49.7m: Graphitic bk mg porous sandst intercaltd w graph bk shale, also including a "fault"=crumble, clay gouge, very fragmntd rock at 42.67-44.2m; at 44.2-45.7m: competent sandst/shale as 41.3-49.7m; 45.7-49.7m: "fault"=crumble, clay, few short pieces of competnt core; 41.3-44.2m: 2% qtz-sider or sider-qtz or sider stringers, stw, 1-2mm thick, up to 10% sphaler in some stringers; 44.2-44.8m: sider or qtz stringer, stw abundant, discrete, bxd, 1-2mm thick
49.7	57	GG	VN	FG	BK	0						QC	30					K963189 - K963192	49.7-57m: Bk mg porous sandst intercaltd w bk graph shale, silicfd, heavily vnd mudstone(argillte); the whole interval is very likely a part of a fault zone w a few short intact pieces of core within it; "fault" in form of clay gouge, crumble, intense bxd vng, bxd textures, no vis min; some subintervals have 5-10% vns, some up to 40% of discrete stw, bxd and bxng vns
57	63.9	ARG		VFG	BK	0	SP GA/TET PY	3 2 4				QC	50					K963193 - K963199	57-63.9m: Bk banded arglte at 57-61.2m; grey banded arglte at 61.2-63.9m, both densely vnd, =fault vn structure; sphaler occurs occas in stw strings of bk band arglte, but mostly in densly vnd interval at 59-64m w 50-60% discrete, qtz, qtz-sider vng, sheard, bxd textures; ga and sphaler clusters @59.15-59.2m: 5% gal, 10% sphaler; 59.4-59.6m: 2% gal, 5% sphaler; 2% gal and 5% sphaler at 59.8m, 60.46m, 61.5-61.6m, 62.7-62.9m, 63.25-63.35, 64.5-64.6m; 5-10% py also present as blebs, streaks in bxd vnd zone; 3 sider>>qtz-2-5%

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63.9	68.7	WSH		VFG	GY	0	PY SP GA/TET	4 2 1				QC	5					K963199 - K963204	63.9-68.7m: Banded (few mm thick bands), lamintd, alternatng, bk and grey beds of shale; at 65.1m, 67.1m, 67.5m: 3 qtz>>carb-15%py-2-5%spaler vns, wh-cream, fmg, relatively planar, 10 TCA, 1 cm thick; at 64.5-64.6m: 2% gal and 5% sphaler in qtz-sider vns, 2mm thick, wh-lt orange, fmg, 10-20
68.7	77.02	WSH	VN	VFG	GY	0	PY SP GA/TET CPY	3 1 1 1				QC	5					K963205 - K963209	68.7-77.02m: Bk shale intercaltd w thin beds of bk siltst, banded appearance, 5-10 mm thick bands, perpend TCA; 68.7-69.2m: somehow "sheared" "mylonitic" texture w deformd siltst blebs, streaks in bk shale; 5% qtz-carb vng, both planar and stw, hair to few mm thick, wh-cream; planar vns cut across beds, 5-20 TCA, 1 cm thick, fmg, w up to 10% py cxls in clusters, up to 5% mcg sphaler in contact w py, minor cpy w py, minor sphaler and ga in hairline stw, planar vns are at 69.1-69.4m, 71.5-71.8m, 71.7-71.9m, 72.13-72.23m, 73.9-74.1m, 73.3-73.4m, 76.7-76.9m
77.02	82.2	WSH		FG	GYD	0	PY SP	3 2				QC	2					K963210 K963211	77.02-82.2m: Banded bk shale/siltst as prev units w extensive subinterval of "mylonitized, sheard" texture (siltst laminae and thin beds deformd, subll, wavy, discrete); last 70 cm is graph mass bk shale; 79.5-79.6m: semi-mass, qtz-carb, wh-cream, fmg vn w 80 TCA, w host inclusions and 3% py; 80.67-80.8m: mass qtz-sider/carb vn, wh-cream, 20TCA, 4 cm thick w 10-15% py in clusters and 5% sphaler, mg, in clusters; both 5-10% py and minor sphaler also occur in hairline carb-qtz vns in the interval

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82.2	87.5	WSH	VN	FG	GY	0	PY CPY SP	3 1 2				QC	5					K963212 - K963215	82.2-87.5m: Banded grey siltst w 1 cm thick beds intercaltd w 2 cm thick dk grey/bk shale; 5% qtz-carb vng, wh-cream, planar and stw, planar vns at 0-20TCA, 1-3cm thick, w 5-15% py in clusters, minor cpy, 3% sphaler and minor ga in contact w cg sphaler, these planar vns are at 82.2-82.3m, 82.5-82.9m, 83.4-83.6m, 83.8-84m, 85.2-85.4m, 85.6-85.8m, 86.5m, 86.6m; at 86.6-87.5m; stw zone w discrete short bxd vns in bxd siltst and shale
87.5	90.5	WSH		FG	GYD	0	PY CPY	2 1				QC	1					K963216	87.5-90.5m: Domint bk, dk grey shale w rare qtz-carb stringers w minor py and cpy in vns; slitst thin beds are discrete-sheard?
90.5	98.4	BSH	VN	FG	BK	0	PY SP	4 1				QC	7					K963217 - K963221	90.5-98.4m: Dk grey, loc graph bk shale domint, local siltst soft sed deformtn structures, some shale subunits are massive; 7% qtz-carb vng, wh-cream, fmg, some deformd, wavy vns, subperpend to bedding, some vns planar, in total 10% py in the unit, up to 20% py in vns, in clusters, also as blebs and streaks in bk graph shale subunits, discrete vns, planar vns are at 0-30 TCA, 2-10mm thick, at 90.6-90.7m, 90.9-91.1m, 92.8-93.2m, 95.5-95.7m (this vn contains minor sphaler), 95.8-96.1m, 96.8-97m, 98.3-98.4m
98.4	101	WSH		FG	GYD	0	PY	3				QC	1					K963222	98.4-101m: Dk grey shale, loc mass, loc w
101	105.6	WSH	VN	FG	GYD	0	PY SP	3 2				QC	20					K963223 - K963228	101-105.6m: Dk grey shale w siltst as 98.4-101m, 20% qtz-carb vng, wh-cream, fmg, 20% py, 5% sphaler in some vns, some vns planar, 0-30 TCA, 2-20mm thick, planar vns at 101-101.5m, 102.5-103m, 103.13-104.53m, 105.13-105.3m

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105.6	123.83	WSH		FG	GYD	0	PY SP	41				QC	3					K963229 - K963235	105.6-123.83m: Domint banded dk grey shale/bk (graph) shale, w light to med grey siltst laminae/thin beds w mm scale banding, at 45-50TCA, loc mass dk grey shale subunits and also deformd, folde, kinky beds subunits; 3% qtz-carb vng, some planar, some stw, hairline to 1 cm thick, vns can contain up to 20% py in clusters within vn, also subll streaks w banding, signif vns w py are at 112.4-112.5m (semimass vn); 113.7-114mm (0-20 TCA, 2-3mm thick); 116-117.35m (0-20TCA, 2-10mm thick); 118.6-119m (0-10TCA, 5-10mm thick, also one w minor sphaler); 121.4-121.5m (10TCA, no vis min, 3mm thick); 121.6-121.7m (10 TCA, 1 cm thick, no vis min)
123.83	132.18	WSH	VN	FG	GYD	0	SP PY CPY	242				QC	15					K963236 - K963242	123.83-132.18m: Dk grey and bk lamintd shale, loc graph, w med to lt grey siltst laminae/few mm thick beds, banded, 15% qtz-carb vns, wh-cream, fmg, irreg shapes, somehow planar (0-30TCA), hair to 1 cm thick, common up to 20-25% py in clusters, minor cpy, 2-3% fmg sphalerite occurs in vns at 124.1m, 129-129.3m, 130.6m; semi-mass qtz-carb vns at 129.9-130m, 130.5-130.8m, 131.2-131.3m, 131.5-131.7m, 132.5-132.6m, 134.35-134.5m; mass py band at 130-130.1m

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132.18	135.7	WSH		FG	GYD	0	SP PY CPY	1 3 1				QC	3					K963243 - K963246	132.18-135.7m: Banded, lamintd, bk and dk grey shale-siltst, mm scale laminae/thin beds, loc graph, 3% qtz-carb vng, planar, 2-10mm thick, wh-cream, up to 40 % py in clusters and minor cpy, up to 3% sphaler; sphaler in vns at 132.4-132.5m, 134.5-134.7m, also in semi mass qtz-carb+/-py+/-sphaler vns, planar at 10TCA, at 134.35-134.5m (w sph), 135.7-135.8m, 136.1-136.2m (sph), 136.4m (sph), 136.7-136.78m
135.7	140.21	WSH	VN	FG	GYD	0	PY SP	3 1				QC	30					K963246 - K963248	135.7-140.21m: Dk grey and bk (loc graph) shale, lamintd, banded, w few mm thin lught grey siltst /mudst beds; 30% qtz-carb vng, wh-cream, fmg, hairine to semi mass, semi mass vns are at 135.7-135.9m (no vis min), 135.8-135.9m (1-2% mg sph), 136.1-136.2m (1-2% mg spha, 2-5% mg py), 136.3m (no vis min), 136.6-136.78m (no vis min), 137-137.3m (no vis min), 137.9-138.2m (no vis min), 139.2-139.5m (1-2% sphal, 3% py), 140.15m (no vis min)
140.21	153.5	WSH		FG	GYD	0	SP PY	2 3				QC	3					K963249 - K963255	140.21-153.5m: Dk grey-bk (loc graph) shale, finely lamintd, finely bedded, almost no vng, except four major locations w semi mass to mass qtz-carb vng: at 141.5m and 142m (3 cm thick, wh-cream, fmg, no vis min), 143.5-143.7m and 144.4-144.6m (no vis min); rare py in few mm thick stw qtz-carb vng; at 149.5-150.25m: 2 mm thick wh, qtz-carbs, 0-10TCA, 2-3% sphaler, 2-3% py in vns; 152.3-152.5m: 1 mm thick qtz-carb stringers, wh, 0-10TCA, w 2% sphaler, 3% py

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153.5	161	WSH	VN	FMG	GY	0	SP PY	2 3				QC	20					K963255 - K963259	153.5-161m: Dk grey shale , loc bk and graph, intercaltd w lt grey siltst/sandst beds varying thickness from few mm to few 10's cm; the most abundant veind section at 155.4-156.4m has bxd apperance, 35-40% qtz-carb vns, wh-yell, fmg, stw, bxd, discrete, bxd sandst with bk shale melange; sphaler w minor iin vns, up to 5% py common assoctd w bk shale frags
161	169.6	BSH		FG	GYD	0	PY	3				QC	1					K963260 K963261	161-169.6m: Upper subunit has a mass dk grey shale texture w 20 cm bk, graph, shale subunit w up to 10% py blebs, subll w beds in shale (161-163m); 163-164.59m: banded bk (graph)-grey-lt grey lamintd shale-siltst; 164.59-169.6m as 161-163m, unit contains a few very thin (hair-5mm thick) qtz-carb vns, domint at 0-20TCA, w minor py; 168-168.5m: 2 qtz-carb vns, at 70 TCA, 20 cm apart, 3 mm thick, w minor py; 168.5-168.8m: py blebs ll w bk shale bedding, w 10% py
169.6	196.2	BSH		VFG	BK	0	PY CPY GA/TET SP	1 1 1 1				QC	1						169.6-196.2m: Bk (loc graph), and dk grey shale, domint slightly banded (laminae, thin beds of lt grey brown siltst), locally mass appearance, rare 1-2mm thick stringers w 5% py and cpy, minor gal? (too fine to identify) with py-cpy string at 174.1m, py in stringer at 176.18m, sphaler in strin at 185.75m, py and cpy in stringer at 185.9m, 192.02-192.25m; all occurences of sulphs are minor, in hairline-1-2mm strings, orientd randomly, all strings cut across bedding; silst beds are commonly in form of strings of bleb like silty clusters-bioturbation?, subll, loc folded

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196.2	198.9	BSH	VN	VFG	GYD	0						QC	20					K963262 K963263	196.2-198.9m: Bk (graph) and dk grey shale intercaltd w lt grey-lt brown siltst/sandst laminae, loc strong lamintns, locally faded, 20% qtz-carb vn, wh-yell, fmg, subll w laminatn, deformd, wavy, 50-60 TCA, no vis min
198.9	210	BSH		VFG	GYD	0	PY CPY SP GA/TET	2 2 1 1				QC	2					K963264 - K963268	198.9-210m: Banded, strongly lamintd bk (graph) and dk grey shale w lt brown-lt gy-lt brown siltst/sandst laminae and thin beds (2-3mm thick); 2% of qtz-carb vns, all vns are 0-20TCA, running along CA and contain commonly 5% cpy and py; 200.7-201m: 1 mm thick 30-50% sphaler-gal stringer at 0 TCA; 208-208.1m: Wh-yell, 5mm thick, fmg, qtz-carb vn, planar, 10TCA, 5% py and 2% cpy in vn; 209.6-209.8m: wh, fmg, mass qtz>>carb vn, gash-tension appearance on margs, 3% py in vn, chlortzd frags of host in vn as well
210	231.66	BSH		FMG	BK	0	PY CPY SP GA/TET	3 2 1 1				QC	2					K963268 - K963272	210-231.66m: Bk (graph) and dk grey shale w occas few mm thin beds of siltst; banding is weak, but present, rare qtz-carb vng, wh, hairline to 1-2mm thick stringers with or without py, cpy, sphal, gal, domint 0-20 TCA and two semi mass vns; 215.5-215.7m: up to 5 mm thick, 0-20 TCA qtz-carb stw vng w 50% py in vns, vns are wh-yell; 218.5-218.7m: 8.5mm thick stw vng, 0 TCA, wh, fmg, 5% sphaler and ga? in vn; 219-219.2m: 1 cm thick stw vng, 0-40 TCA, wh>>yell (qtz>>carb), fmg, in minor cpy in vns; 224-224.7m: 1 mm thick stw vn w 5% sphal, ga?, 5% cpy and py, 0 TCA, wh, fg; 225.2-225.55m: semi mass, wh-yell, fmg, qtz-carb vng, swirled vns w large frags of chlortzd host and minor cxls of cpy and py in vn; one stw vein is 1 mm thick, and in the vicinity it contains 5% sphaler and gal; 229-229.3m: 2 mm thick stw vng, 0-20TCA w extension structures (boudinagd) vns, also offset, minor cpy in vns

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231.66	240	BSH		FMG	GYD	0	CPY PY	3 2				QC	5					K963273 - K963275	231.66-240m: Bk (graph)-dk grey shale intercaltd w thin, few mm thick beds of lt grey- med grey siltst/sandst-banded unit, strong banding, rare qtz-carb vng: 3 semi mass to mass vns; rare 1 mm thick qtz-carb stringers, 0-20 TCA, w occas cpy; 233.8-233.9m: 1 cm thick, 20 TCA, wh-yell, fmg, 3% cpy and py in vn; 235.7-235.8m: 4 cm thick, wh-yell, fmg, qtz-carb vn, mass, 30 TCA, w 3% cpy in vn (fmg cxls); 238-238.1m: stw of short discrete vns ll TCA, hair to 5mm thick w 2% fmg py; 238.4-238.6m: semi-mass qtz-carb vn, wh-yell, fmg, swirled, w large frags of chlortzd host, no vis min
240	242	BSH		FG	GYD	0													240-242m: Bk (graph) shale w disruptd lt grey siltst beds, these beds are discrete, in form of blebs, sheard?? Or originaly soft sed deformtn (+bioturbation)->later folding of shale beds? (photo); somehow "mylonitic" texture locally, minor qtz-carb stw vng, hairline, no vis min;
242	251	BSH		FG	GYD	0	CPY PY SP	2 1 1				QC	3					K963276 - K963278	242-251m: Bk shale (graph)-dk grey shale w subunits of bk-dk grey +lt grey-lt brown shale/siltst?, similar grain size, but diff colour, light colour material is in blebs, folded, disturbed (soft sed deformtn), then it grades into non-defromed bk shale; in overall mass appearance, , very fainted banding; 248.7-249.2m: semi mass, 1 cm thick qtz-carb vng, fmg, 0 TCA, w boudind parts w 5% cpy and 3% sphaler in vn; otherwise the unit has rare veing w minor py and cpy in very thin (1mm) vns

PROJECT: Plata

HOLE_ID: PL11-70

LOGGED BY: _Karin Fecova

DATE: __26-28 August 2011

LITHOLOGY						MIN		ALTERATION										Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
251	255	BSH	VN	FG	GYD	0	CPY SP	21				QC	15					K963279 - K963281	251-255m: Bk and dk grey shale as 242-255.7m, but 15% qtz-carb vng, wh-lt orange, stw, hairline-1 cm thick, discrete (abruptly stops within qtzose/qtzite units or propagates into shale, but it is offset, some of these vns have minor sphaler at 253.5m, 254.75m, 253.6m, 2% cpy present in some vng
255	259.7	BSH		VFG	GYD	0												K963282	255-259.7m: Bk and dk grey shale as 251-255m, relatively mass appearance
259.7	281	BSH		FG	GYD	0	CPY PY SP GA/TET	2 2 1 1				QC	5					K963283 - K963291	259.7-277.4m: Bk (graph)-dk grey shale intercaltd w bands of lt brown-lt grey shale/siltst, bands are 1-5mm thick, in overall 5% vng: 1/ 1-2mm thick qtz-carb-cpy+/-py vns, 0-20 TCA, wh-cream, fmg; 2/ mass vnsqtz-carb(sider) vns, wh-yell, fmg->@260.55-260.65m w 3% mg cpy, vn swirlld w frags of host; @261.60-262.3m: vn+shale bx zone w mm sized, angular host rock frags in wh, fmg qtz, w minor cpy; @264.6-264.7m: 1 cm thick, wh-yell, mcg qtz-carb vn w minor sphaler, planar but irreg, folded margs; @267.7-268.22m: 1-2mm thick, cream, fmg, planar, 0-10 TCA, 2% cpy and 2% py in vn; @269.22-269.4m: 1-2mm thick cream fmg, planar, 10 TCA, w 2% sphaler+2% cpy+2%py; @269.6-269.7m: mass, mcg, wh-yell, qtz-carb vn, 5 cm thick, 20 TCA, w lt orange carb on UC w 2% sphaler, ga and 2% py in vn selvs in UC; 276.8-277.1m: mass, 20 cm thick, qtz-sider vn w sider at UC (5cm), mcg, vuggy, large py cxls and clusters in vn (5%), also in vn selvs

PROJECT: Plata

HOLE_ID: PL11-70

LOGGED BY: _Karin Fecova

DATE: __26-28 August 2011

LITHOLOGY						MIN			ALTERATION									Sample ID	COMMENTS / DESCRIPTION
From (m)	To (m)	ROCK CODE	MODY-FIER	GRAIN SIZE	COLOR	OXIDE CODE	SULF	SULF % CODE	ALT	ALT FORM	ALT INT	ALT VEIN	ALT VEIN %	ALT MIN1	ALT MIN1 % CODE	ALT MIN2	ALT MIN2 % CODE		
281	286.51	BSH	VN	VFG	GYD	0	PY CPY SP	2 2 1				QC	10					K963291 - K963294	281-286.51m: Fainted banding-massive appearance->bk shale-dk grey shale w up to 10% qtz-carb vng:1/ mass qtz-carb vn, wh-cream, fcg, 7 cm thick, no vis min at 281.3-281.4m; 2/ mass qtz-carb vn, wh-cream, swirlld, frags of host, no vis min at 281.5-281.6m, a few qtz-carb planar vns, fmg, in vicinity of wh, 3mm thick, 0-20TCA, minor py; 3/283.5-284.2m: stw qtz-carb vng from hair to semi mass, wh, fmg, in local qtzite bands, 2-20%cpy, 2-10% sphaler, 2%py-mostly in hairline type vns; 4/285-285.7m: hairline qtz-carb vng along contact w qtzite w minor cpy, contatc at 0 TCA; 5/ 286.4m: 3 mm planar qtz-carb vng, fmg, w minor cpy
286.51	286.51	EOH																	286.51m: End of hole

PROJECT: Plata

HOLE_ID: PL11-70

SAMPLED BY: _Karin Fecova

DATE: __26-28 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K963181	15.2	16.76	1.56	HC		0.025	7	60	3760	2.85	160	430
K963182	16.76	17.6	0.84	HC		0.025	12	130	2390	4.55	910	1430
K963183	41.5	42.67	1.17	HC		0.025	6	25	7390	1.61	10	400
K963184	42.67	44.2	1.53	HC		0.025	6	50	6550	2.57	30	870
K963185	44.2	45.6	1.4	HC		0.025	8	25	4100	1.90	20	340
K963186	45.6	47.24	1.64	HC		0.025	9	25	4280	1.91	20	170
K963187					Blank	0.025	2.5	25	25	0.38	10	10
K963188	47.24	48.77	1.53	HC		0.025	11	80	2550	7.44	40	1460
K963189	48.77	51.73	2.96	HC		0.025	17	80	2350	6.06	30	840
K963190	51.73	53.34	1.61	HC		0.025	7	25	2520	2.12	20	160
K963191	53.34	54.86	1.52	HC		0.025	9	70	1040	3.56	30	120
K963192	54.86	57	2.14	HC		0.025	2.5	25	4940	1.40	40	220
K963193	57	57.91	0.91	HC		0.025	22	80	3260	2.28	110	820
K963194	57.91	59.01	1.1	HC		0.025	23	80	4490	1.72	1700	6480
K963195	59.01	60.01	1	HC		0.025	40	230	2940	9.99	9560	5930
K963196	60.01	60.96	0.95	HC		0.025	11	90	3190	9.16	280	1200
K963197	60.96	62.2	1.24	HC		0.025	21	120	3070	3.91	810	1860
K963198	62.2	63.35	1.15	HC		0.025	10	170	2290	5.95	1450	3390
K963199	63.35	64.3	0.95	HC		0.025	10	60	5080	3.99	1130	1620
K963200	64.3	65.4	1.1	HC		0.025	11	70	3670	5.55	520	680
K963201					Standard (CDN-ME-17)	0.71	34	130	370	19.75	6880	73900
K963202	65.4	66.5	1.1	HC		0.025	12	110	4140	4.29	40	440
K963203	66.5	67.68	1.18	HC		0.17	9	590	2730	4.47	40	450
K963204	67.68	68.16	0.48	HC		0.025	5	110	3210	4.52	20	1110
K963205	69.26	69.94	0.68	HC		0.21	2.5	900	2650	4.75	30	680
K963206	70.59	71.27	0.68	HC		0.025	2.5	60	2810	4.46	10	160
K963207	71.51	72.55	1.04	HC		0.025	9	170	3080	4.65	20	130
K963208	73.97	75.88	1.91	HC		0.025	24	70	2760	4.28	30	1880
K963209	76.62	77.11	0.49	HC		0.025	31	80	2480	4.18	90	140
K963210	78.59	79.16	0.57	HC		0.025	6	70	2670	3.71	10	150
K963211	80.22	81.04	0.82	HC		0.17	9	2350	2970	5.23	430	2880

PROJECT: Plata

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DATE: __26-28 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K963212	82.25	84.16	1.91	HC		0.025	2.5	560	2690	4.36	20	1010
K963213	85.12	85.98	0.86	QC		0.025	8	80	2060	4.60	20	730
K963214	85.12	85.98	0.86	QC	Duplicate of K963213	0.025	5	80	2280	4.42	20	290
K963215	86.48	87.33	0.85	HC		0.025	2.5	70	2180	4.41	20	100
K963216	88.72	89.72	1	HC		0.025	2.5	230	2340	3.57	10	50
K963217	90.47	91.76	1.29	HC		0.025	2.5	100	1630	3.05	10	60
K963218	91.93	93.56	1.63	HC		0.025	2.5	50	1390	2.09	30	270
K963219	94.83	96.01	1.18	HC		0.025	7	110	1400	3.26	10	170
K963220	96.01	96.99	0.98	HC		0.025	11	100	1680	2.06	10	60
K963221	96.99	98.25	1.26	HC		0.025	7	180	3320	3.73	20	50
K963222	99.06	99.8	0.74	HC		0.025	2.5	80	2560	3.92	10	70
K963223	101.03	101.61	0.58	HC		0.025	6	200	2700	4.46	40	80
K963224	102.28	103.03	0.75	HC		0.025	6	70	2640	3.67	10	50
K963225	103.13	104.21	1.08	HC		0.025	5	150	3370	4.26	20	50
K963226	104.21	104.71	0.5	HC		0.025	2.5	260	1020	4.74	50	30
K963227	105.11	105.74	0.63	HC		0.025	2.5	50	1830	3.75	10	50
K963228					Blank	0.025	2.5	25	25	0.54	10	20
K963229	111.82	112.45	0.63	HC		0.025	7	90	2840	4.28	10	50
K963230	113.56	114.54	0.98	HC		0.025	11	130	2420	4.02	30	110
K963231	114.8	115.66	0.86	HC		0.025	9	70	2140	3.83	10	40
K963232	116.17	117.24	1.07	HC		0.025	6	110	2550	4.36	30	90
K963233	118.14	119.07	0.93	HC		0.025	7	100	2360	4.33	20	50
K963234	121.32	121.92	0.6	HC		0.025	2.5	60	1960	3.65	10	40
K963235	122.28	123.83	1.55	HC		0.025	2.5	25	1810	3.63	20	70
K963236	123.83	125.44	1.61	HC		0.025	2.5	60	2100	3.88	10	130
K963237	126.36	127.44	1.08	HC		0.025	2.5	50	2070	3.70	10	120
K963238	127.44	128.8	1.36	HC		0.025	2.5	80	2150	3.83	10	80
K963239	128.8	130.08	1.28	HC		0.025	2.5	100	1810	4.10	70	120
K963240	130.08	131.06	0.98	HC		0.025	10	110	1040	6.53	30	40

PROJECT: Plata

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DATE: __26-28 August 2011

Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K963241	131.06	132.18	1.12	HC		0.025	5	120	2430	4.01	20	110
K963242			0		Standard (CDN-ME-12)	0.4	55	80	490	4.56	2090	2680
K963243	132.18	132.81	0.63	HC		0.025	5	250	2390	3.88	20	1960
K963244	133.45	133.98	0.53	HC		0.025	2.5	60	2190	3.31	30	500
K963245	134.45	135.1	0.65	HC		0.39	2.5	1520	710	7.18	280	860
K963246	135.26	136.78	1.52	HC		0.025	2.5	60	2290	3.85	10	80
K963247	136.78	138.26	1.48	HC		0.025	5	80	2130	3.76	10	60
K963248	138.89	140.21	1.32	HC		0.025	2.5	50	1780	3.10	10	50
K963249	141.1	142.33	1.23	HC		0.025	2.5	25	1960	3.30	10	40
K963250	143	144.16	1.16	HC		0.025	2.5	60	1640	3.22	10	40
K963251	144.4	145.13	0.73	HC		0.025	2.5	50	1890	3.28	10	30
K963252	149.35	150.41	1.06	HC		0.025	2.5	50	2280	3.80	20	130
K963253	152.12	152.71	0.59	QC		0.025	2.5	70	2680	4.21	10	190
K963254	152.12	152.71	0.59	QC	Duplicate of K963353	0.025	2.5	70	2630	4.11	10	60
K963255	153.2	154.1	0.9	HC		0.025	2.5	80	2500	4.44	10	110
K963256	154.71	155.45	0.74	HC		0.33	2.5	60	2990	3.60	10	30
K963257	155.45	156.57	1.12	HC		0.025	2.5	80	2410	3.96	10	110
K963258	158.2	159.42	1.22	HC		0.025	8	25	2390	2.94	10	20
K963259	159.42	161.04	1.62	HC		0.025	2.5	70	3170	3.91	10	50
K963260	164.59	166.09	1.5	HC		0.025	2.5	70	3710	4.29	10	40
K963261	167.79	168.33	0.54	HC		0.025	2.5	70	2830	4.89	20	180
K963262	196.3	197.88	1.58	HC		0.025	2.5	70	3040	3.92	10	80
K963263	197.88	198.96	1.08	HC		0.025	2.5	60	3130	3.96	10	60
K963264	200.52	201.17	0.65	HC		0.025	2.5	70	3580	4.57	20	250
K963265	205.75	207.26	1.51	HC		0.025	2.5	90	3930	4.55	10	50
K963266			0		Blank	0.025	2.5	25	80	0.51	10	20
K963267	207.7	209.36	1.66	HC		0.025	5	100	3970	4.75	20	50
K963268	209.36	210.31	0.95	HC		0.025	2.5	70	3660	4.55	10	50
K963269	215.3	215.92	0.62	HC		0.22	2.5	110	3490	5.02	30	120

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Sample ID	From (m)	To (m)	Interval Length (m)	Sample Type	QA/QC	ME-GRA21 Au ppm	ME-GRA21 Ag ppm	ME-ICP61a As ppm	ME-ICP61a Ba ppm	ME-ICP61a Fe %	ME-ICP61a Pb ppm	ME-ICP61a Zn ppm
K963270	218.36	219.78	1.42	HC		0.025	2.5	80	3830	4.95	20	200
K963271	224.17	225.55	1.38	HC		0.025	2.5	90	3540	4.19	10	270
K963272	228.6	229.4	0.8	HC		0.025	2.5	80	3510	4.45	10	40
K963273	233.6	234.2	0.6	HC		0.025	2.5	100	3320	5.27	20	50
K963274	235.1	235.9	0.8	HC		0.025	2.5	60	3030	5.06	10	110
K963275	237.83	238.97	1.14	HC		0.025	2.5	60	2750	4.95	10	160
K963276	248.24	249.51	1.27	HC		0.025	2.5	25	2420	5.06	20	120
K963277	250.23	251.14	0.91	HC		0.025	7	80	2710	5.12	10	150
K963278					Standard (CDN-ME-12)	0.48	52	80	560	5.05	2190	2780
K963279	251.88	252.98	1.1	HC		0.025	2.5	90	2830	4.82	20	150
K963280	252.98	254.13	1.15	HC		0.025	2.5	70	2870	4.52	20	80
K963281	254.13	254.99	0.86	HC		0.025	2.5	60	2690	4.11	10	130
K963282	258.55	259.92	1.37	HC		0.025	2.5	90	3220	5.10	30	120
K963283	260.48	261.04	0.56	HC		0.025	2.5	100	3070	5.12	20	310
K963284	261.71	263.19	1.48	HC		0.025	2.5	60	2960	4.58	20	90
K963285	264.43	265.17	0.74	HC		0.025	5	80	3350	4.58	10	110
K963286	267.64	268.22	0.58	HC		0.025	2.5	60	3290	4.98	20	220
K963287	269.16	269.86	0.7	HC		0.025	2.5	110	3400	5.01	30	460
K963288	275.32	276.24	0.92	HC		0.025	2.5	100	3390	6.36	20	100
K963289	278.57	279.21	0.64	QC		0.025	2.5	80	3770	4.42	10	70
K963290	278.57	279.21	0.64	QC	Duplicate of K963289	0.025	2.5	70	3730	4.34	20	90
K963291	280.42	281.3	0.88	HC		0.025	2.5	50	4020	4.36	10	120
K963292	281.3	282.03	0.73	HC		0.06	2.5	110	4140	5.88	30	80
K963293	283.46	284.46	1	HC		0.025	2.5	60	3820	4.10	10	40
K963294	284.9	286.51	1.61	HC		0.025	2.5	90	4460	4.29	20	40

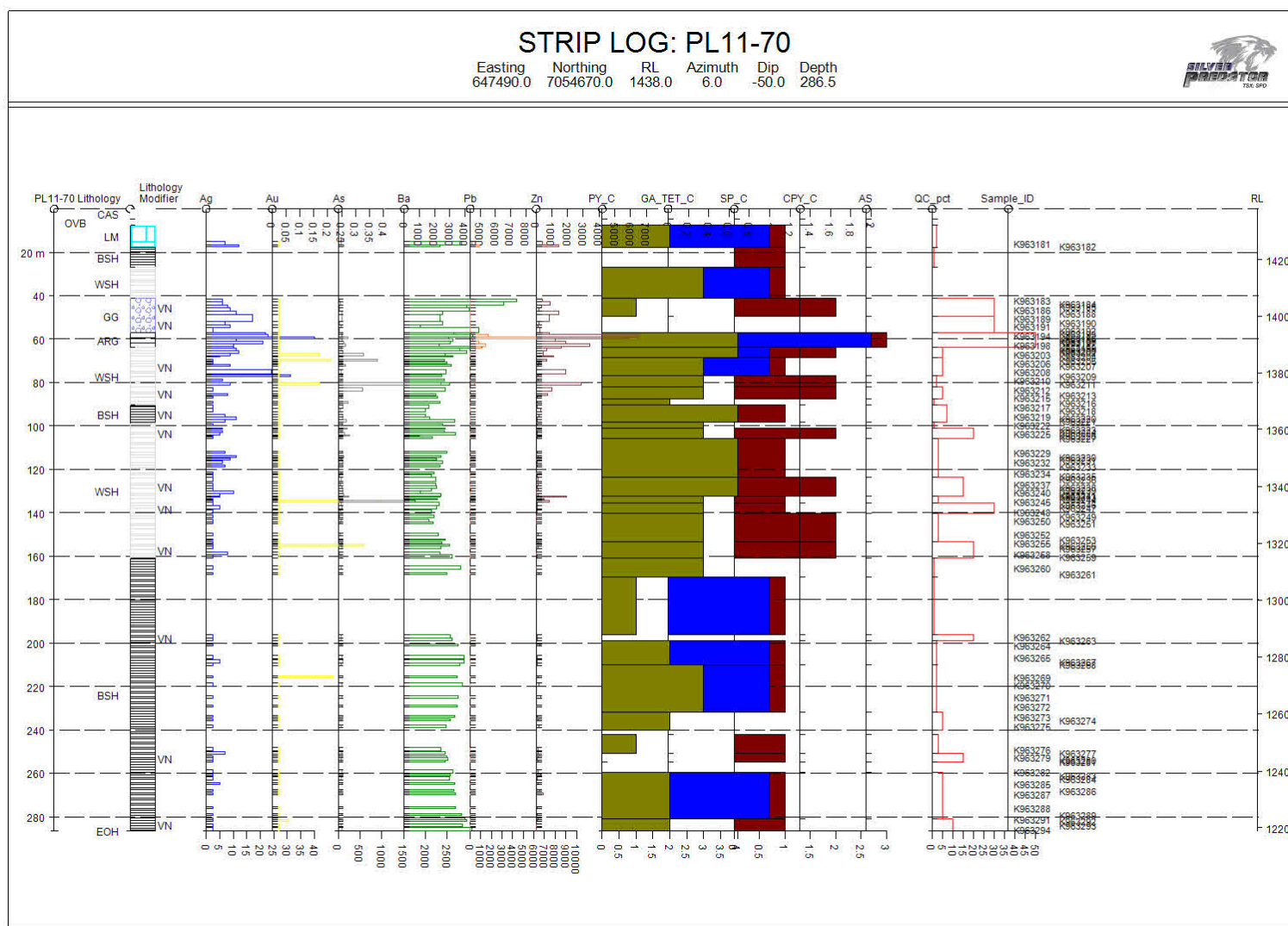


Figure 17. Strip log PL11-70. Element concentrations are in ppm; Mineralization: PY, GA_TET, SP, AS, CPY, S is expressed by a numerical code (1-7) representing percent range-decimal numbers were generated by software and are NOT a part of numerical coding; Veining is in %; See the “CODE LEGEND” for all codes

APPENDIX III
ASSAY CERTIFICATES

Assay certificate ID's.

Certificate Name	Laboratory	HoleID
WH11141103	ALS Minerals	PL11-54
WH11141104	ALS Minerals	PL11-55
WH11145289	ALS Minerals	PL11-58
WH11145289	ALS Minerals	PL11-59
WH11150178	ALS Minerals	PL11-60
WH11150178	ALS Minerals	PL11-61
WH11151922	ALS Minerals	PL11-56
WH11151923	ALS Minerals	PL11-57
WH11157547	ALS Minerals	PL11-62
WH11157547	ALS Minerals	PL11-63
WH11158635	ALS Minerals	PL11-64
WH11164769	ALS Minerals	PL11-66
WH11170951	ALS Minerals	PL11-67
WH11177047	ALS Minerals	PL11-69
WH11177048	ALS Minerals	PL11-70
WH11177370	ALS Minerals	PL11-68
WH11185185	ALS Minerals	PL11-65
WH11185185	ALS Minerals	PL11-67
WH11214181	ALS Minerals	PL11-66
WH11214182	ALS Minerals	PL11-68

Note: All assay certificates are pdf certified files that cannot be merged into a single pdf file. Therefore they are enclosed separately on DVD.

APPENDIX IV

**PHOTOS OF LITHOLOGY, STRUCTURE,
MINERALIZATION, ALTERATION & VEINING**

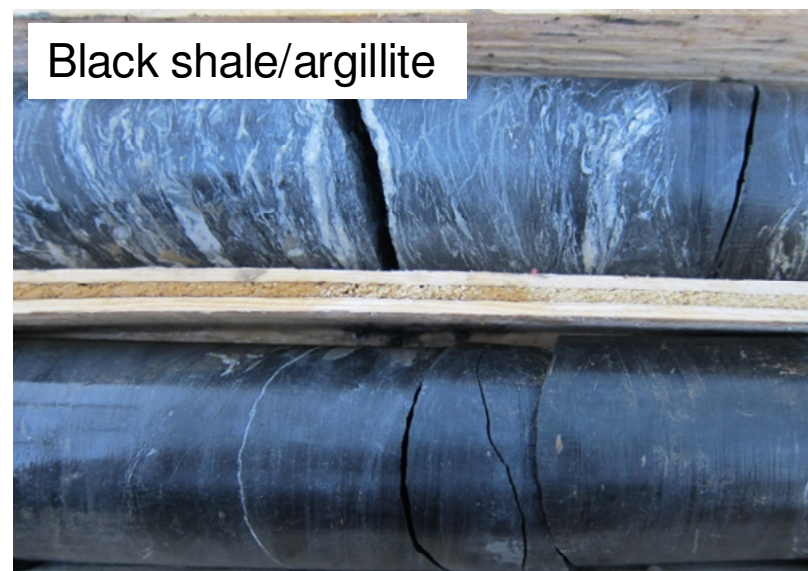
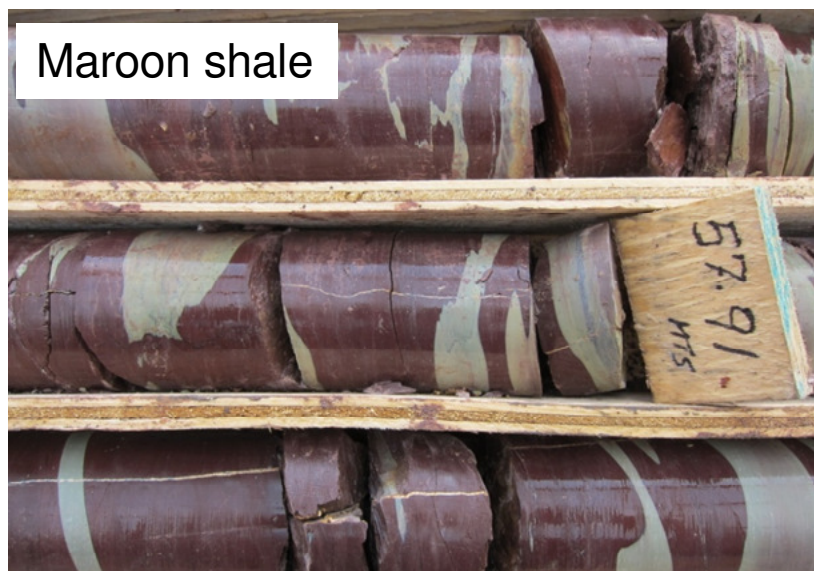
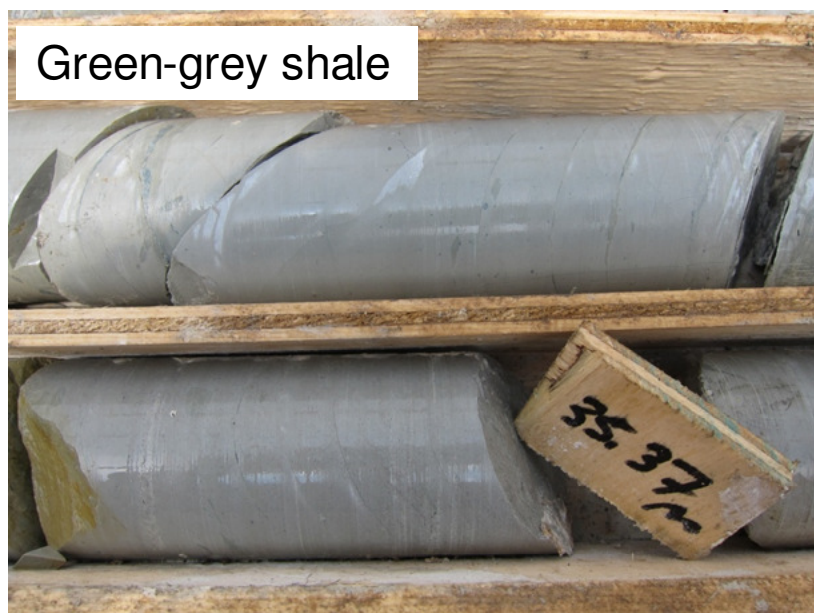


Figure 1. Major lithology from 2011 Plata drilling.

A/ Mineralized subinterval from the Etzel



C/ Mineralized subinterval from the P2



B/ Mineralized subinterval from the Etzel



D/ Mineralized subinterval from the Aho

Figure 2. Mineralization styles. A/ Semi-massive siderite-sphalerite-galena vein in black shale/argillite. B/ Occasional quartz-siderite-sphalerite-galena veins in quartz monzonite intrusion. C/ Massive sphalerite-siderite-galena/tetrahedrite vein in calcareous sedimentary rocks. D/ Cm scale massive sulphide in the contact zone between green and black shale.

APPENDIX V

PETROGRAPHIC REPORT

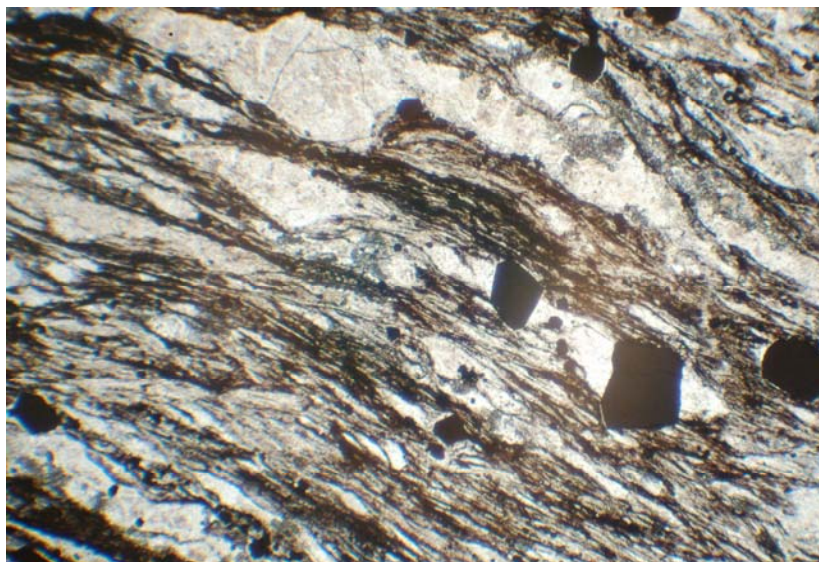


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GEOSERVICES INC.**

Applied geological studies for exploration and mining

14180 Greencrest Drive
Surrey, B.C., Canada
V4P 1L9
Phone 604-536-4744

PETROGRAPHIC REPORT FOR GOLDEN PREDATOR CORP.



Prepared for

Golden Predator Corp.

11th floor - 888 Dunsmuir Street
Vancouver, British Columbia
Canada V6C 3K4

By

Katherina V. Ross
M.Sc., P.Geo

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Introduction

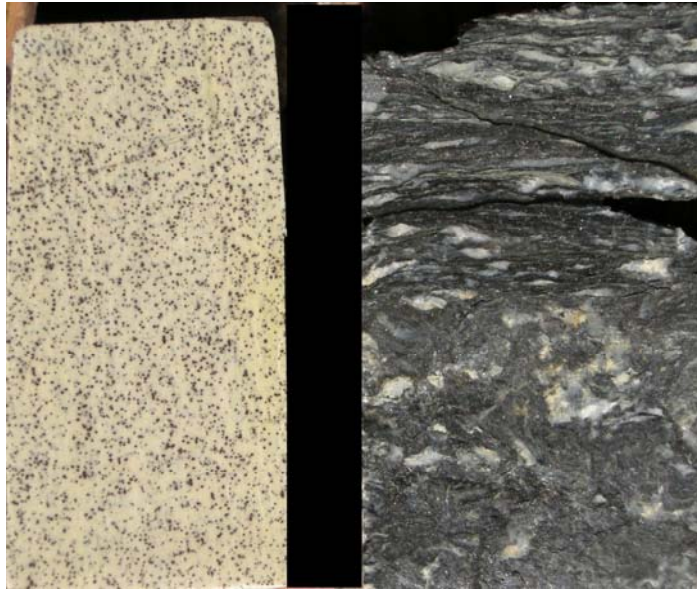
This report presents petrographic descriptions of two drill core samples, collected and submitted by geologists working for Golden Predator Corp. The samples are not mineralized with gold. The two samples were prepared as polished thin sections and examined on a standard petrographic microscope in transmitted and reflected light. A brief summary of each sample is given here. A detailed description and representative photomicrographs are appended.

Results

PL11-56 121.8 m: The protolith to this sample was likely a non-carbonaceous mudstone. It is pervasively altered to nearly microcrystalline white mica. It is intensely foliated, but the homogeneity of the texture and mineralogy masks the foliation. The minute rusty spots are carbonate porphyroblasts that post-date the development of the foliation. They appear to have some compositional zoning, and are likely Fe-carbonate. A few quartz-carbonate micro-veinlets cut the foliation. It is not definitive if the veinlets cut the carbonate porphyroblasts, or if porphyroblasts overgrow the veinlets. A few porphyroblastic cubic pyrite crystals were noted in the hand sample, occurring in the wallrock and overprinting the quartz veinlet. They are not encapsulated in the thin section, but based on their prismatic shape they post-date the foliation forming event.

PL11-56 124.96 m: The protolith to this sample was likely a carbonaceous mudstone-siltstone. It is intensely foliated. The folia are contorted, folded and truncated. There has probably been at least two intense deformation events, with the older foliation transposed into the younger. Transparent quartz-carbonate folia alternate with nearly opaque carbon-muscovite folia. The quartz-rich folia are potentially, at least in part, recrystallized silty quartz-rich beds. They also represent veinlets, that have been transposed into the foliation and dismembered. This sample contains approximately 5%, very fine-grained pyrite. The pyrite occurs mainly in the black carbon-bearing folia. There are small quartz pressure shadows developed on some larger crystals. Some crystals have possible overgrowth stages. The pyrite is aligned in the dominant deformation, and therefore is synchronous with deformation, but the prismatic shape of larger crystals indicates they have continued to grow post-deformation.

Petrographic Descriptions and Photomicrographs



PL11-56 121.8 m

PL11-56 124.96 m

Photo 1: Offcut blocks to the two samples described in this report.

SAMPLE: PL-11-56 121.8 m**LITHOLOGY: Foliated Metamorphosed Mudstone****ALTERATION: Pervasive syn-deformation sericite, Post-deformation carbonate porphyroblasts, minor pyrite porphyroblasts, and minor quartz-carbonate veinlets**

Hand Sample Description: The rock looks like an intensely altered, foliated mudstone/ siltstone. It has no visible grain size, and is a pale tan*grey colour with a slightly yellowish-green, disrupted layer. It is speckled with minute (<<0.5 mm) rusty spots, which are likely relict Fe-carbonate porphyroblasts. In one of the offcut pieces there are several cubic pyrite crystals up to 3 mm across. These are aligned along a fracture. Unfortunately these pyrite crystals are not encapsulated in the thin section.

TRANSLUCENT MINERALS

Mineral	%	Distribution and Characteristics	Opt. Prop.
sericite	85	<10 um, pervasive alteration of the rock, colourless, aligned in the foliation, mixed with some quartz, dusted with submicron impurities so it does not appear clear, slightly larger flakes on margins of carbonate porphyroblasts	1 st – 2 nd order biref.
carbonate	10	<0.75 mm, oval to rhombic crystal shapes, most have cloudy brown cores and a clearer rim, some larger crystals have a clear core, with the brown rim-pale rim, overprint foliation in rock, in quartz veinlet	extreme biref.
quartz	05	<50 um, rounded grains set in the pervasive sericite, indistinct grains mixed with sericite, interlocking crystals in microveinlets	1 st order biref.

OPAQUE MINERALS

Mineral	%	Distribution and Characteristics	Reflectance
pyrite	trace	<5 - 50 um rounded pyrite crystals disseminated in the rock , the porphyroblastic cubic crystals in hand sample are not captured in the thinsection,	pale yellow
hematite	trace	<5 um, crystals within the rusty looking carbonate porphyroblasts	pale grey

Thin Section Description: The protolith to this sample was a mudstone. It would have been comprised of clay, with a minor amount of very fine-grained quartz grains. The clay has been metamorphosed to sericite/muscovite during the deformation event that imposed the pervasive foliation fabric on it. The rusty spots are carbonate porphyroblasts. They are compositionally zoned. They are oval shaped to rhombic, and often aligned with their longer axis perpendicular to the foliation fabric. Most have a darker, cloudy brown core, with a paler, clearer rim. The darker cores likely have more Fe. Some of the larger crystals have a clear core within the darker brown carbonate. The underlying foliation fabric can be seen under the porphyroblasts, they clearly post-date its development. There has been some minor recrystallization of sericite into slightly larger flakes with higher birefringence around the carbonate. There are several quartz microveinlets cutting across the foliation. There is carbonate along the veinlets, mixed with the very fine-grained quartz. It is not clear if porphyroblasts may overgrow the veinlets or are cut by them. They are intact where they cross the vein, but are comprised of clear carbonate. It is these veinlets that the pyrite crystals occur along in the hand sample. But the pyrite crystals are much larger than the veinlets are wide, and are likely overgrowing them. The pyrite in the hand sample looks like cubic porphyroblastic crystals.

There are trace amounts of extremely fine-grained grey crystals within the carbonate porphyroblasts that are likely hematite. Even though they look very oxidized in hand sample, these crystals are still dominantly carbonate. A few minute pyrite crystals were observed disseminated in the sericite altered rock. None was observed associated with the quartz microveinlets in the thin section, though some pyrite crystals clearly occur along them in the hand sample.

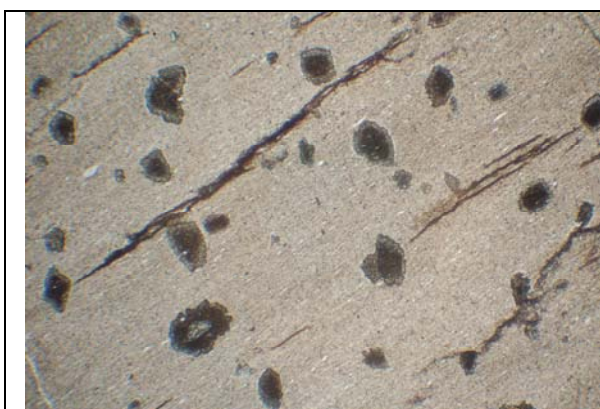


Photo 2a: PL-11-56 121.8 m. The rock is very homogenous in grain size, and pervasively sericite altered. The porphyroblasts are carbonate, mostly with dark cores and paler rims. ppl, fov 3 mm.

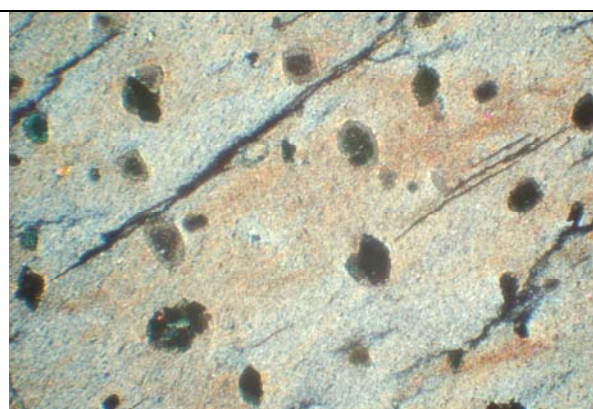


Photo 2b: Same as previous view. The dark lines are foliation parallel cracks in the thin section. xpl, fov 3 mm.

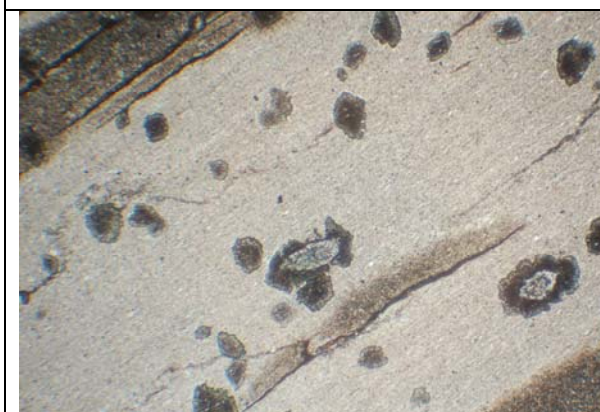


Photo 2c: Some of the larger carbonate porphyroblasts have clear cores. This indicates variation in the composition of the carbonate. The rusty weathering indicates it is Fe⁺/-Mg carbonate. ppl, fov 3 mm.

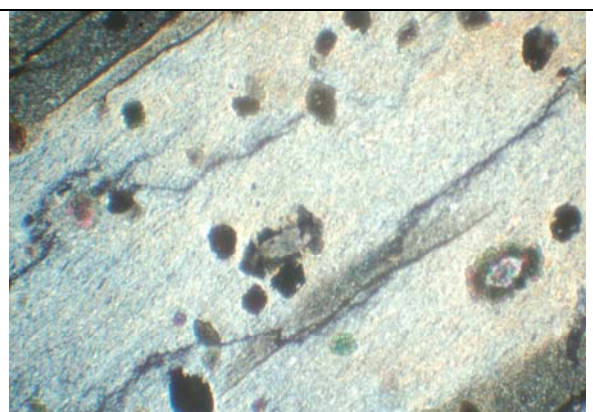


Photo 2d: Same as previous view. (The dark fractures and dark groundmass are due to the sample preparation, but parallel the fabric in the rock). xpl, fov 3 mm.

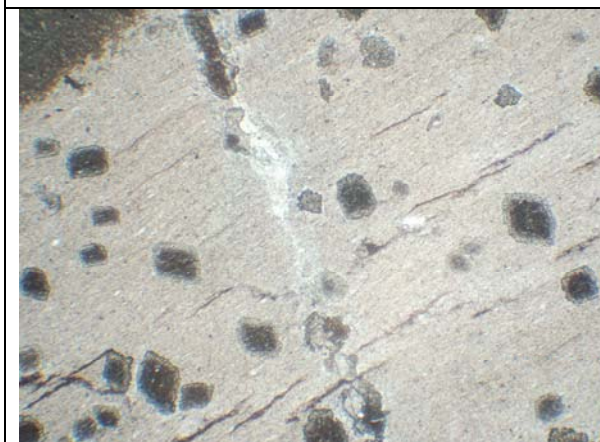


Photo 2e: A hairline veinlet of quartz-carbonate cuts the foliation in the rock (which runs from lower left to top right). In the hand sample a few cubic pyrite porphyroblasts overgrow the veinlet. ppl, fov 3 mm.

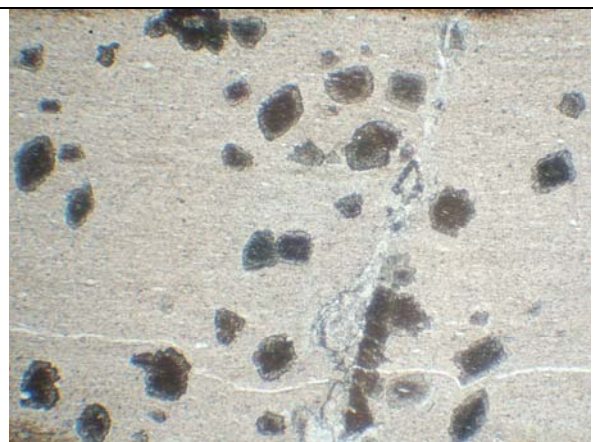


Photo 2f: The pervasive foliation fabric is flat lying in this view. Where the carbonate porphyroblasts are in contact with the veinlets they are clear. It is not obvious if the veinlets overprint porphyroblasts or the other way around. xpl, fov 3 mm.

SAMPLE: PL-11-56 124.96 m**LITHOLOGY: Foliated Carbonaceous Mudstone/Siltstone****ALTERATION: Syn-metamorphic muscovite alteration, and quartz-carbonate-pyrite veining**

Hand Sample Description: The rock is an intensely foliated carbonaceous mudstone/siltstone. It is dark grey to black, with paler fragments. Most of the fragments are white quartz, which was likely veinlets that have been totally transposed into the foliation and dismembered. There is one cross cutting quartz veinlet, 1 mm wide, which indicates more than one stage of quartz veining. Extremely fine-grained pyrite is disseminated in the carbonaceous folia. It is not obvious in the vein fragments. Total pyrite content is around 5%, but is hard to see in hand sample because of its fine grain size.

TRANSLUCENT MINERALS

Mineral	%	Distribution and Characteristics	Opt. Prop.
quartz	35	microcrystalline to 1.5 mm, anhedral, strained interlocking crystals, some may have been silty layers, as well as transposed veinlets, largest crystals are in a vein that cuts foliation, but is also deformed	1 st order biref.
sericite	30	<50 um, indistinct flakes, strongly aligned in foliation, intergrown with the carbon	yellow biref.
carbonate	10	<0.5 mm, platy crystals on margins of larger quartz vein, in fractures cutting the same quartz, and mixed with quartz in folia alternating with carbonaceous wallrock	extreme biref.

OPAQUE MINERALS

Mineral	%	Distribution and Characteristics	Reflectance
carbon	20	submicron, amorphous black matter, rendering the rock nearly opaque, mixed with foliated sericite, alternating with quartz-carbonate folia	none
pyrite	05	submicron to 0.5 mm, semi-prismatic crystals – 6-sided, possible outer growth zones, pitted with minute gangue inclusions, rare chalcopyrite inclusion	pale yellow
chalcopyrite	trace	<0.1 mm, anhedral crystals within quartz-carbonate, and in pyrite	deep yellow

Thin Section Description: The protolith to this sample was a black, organic rich mudstone, possibly with siltier interbeds. It has been strongly deformed. Quartz-carbonate veinlets were likely forming during the metamorphic event that imposed the foliation fabric on the rock. These were progressively rotated into the foliation and dismembered, resulting in the alternating folia of carbon-sericite and quartz-carbonate there comprise the rock now. Some of the quartz folia could have been silty beds as well. The foliation itself is contorted and dismembered. An original pervasive foliation could be overprinted by a second event, which has mostly transposed the first event. There is one larger quartz-carbonate vein (0.5 cm wide) in the sample that truncates the folia, but has crenulated margins and is itself dismembered. Quartz in the vein is highly strained. The pyrite is concentrated in the carbonaceous folia. It occurs as swarms of crystals, ranging in size from submicron up to 0.5 mm. The larger crystals tend to be partially developed 6-sided prismatic crystals. Concentrations of minute gangue inclusions (look like dark pits) form a rim around a smooth core in some crystals, indicating there may be an outer growth zone developed on the crystals. There are some weakly developed quartz pressure shadows on larger crystals, but the crystals mostly appear to overgrow the folia, so are likely introduced late in the deformation history, or have overgrown, finer-grained early pyrite. There is some chalcopyrite in the sample. The more obvious crystals occur in transposed quartz-carbonate veinlets, and can be intergrown with either the quartz, or the carbonate. Chalcopyrite also occurs as inclusions in pyrite.

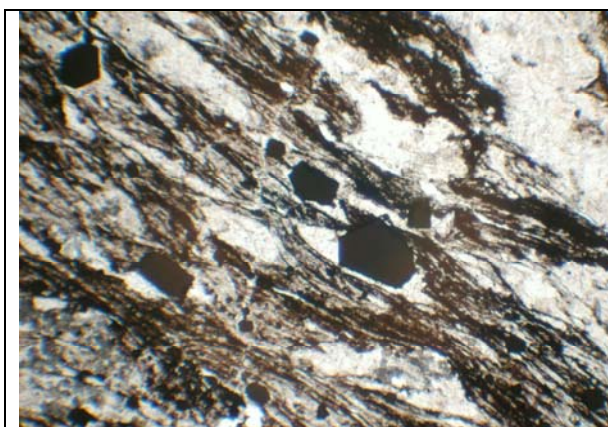


Photo 3a: PL-11-56 124.96 m. The rock is comprised of alternating folia of carbon-muscovite (dark) and quartz-carbonate (clear). Semi-prismatic pyrite crystals are aligned in the foliation, but likely had a post-deformation period of growth to achieve their prismatic shapes. ppl, fov 3 mm.

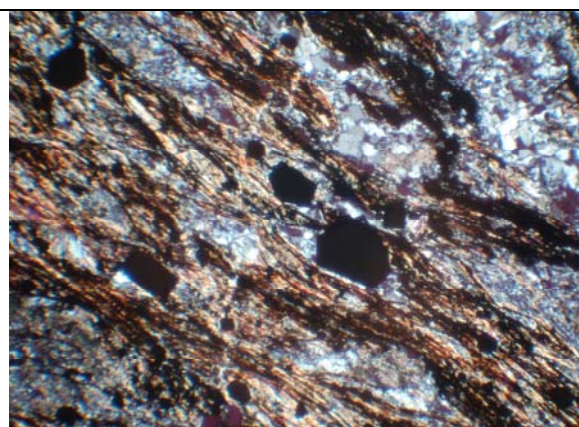


Photo 3b: Same as previous view. The muscovite is strongly aligned in the dominant fabric. The folia are lens shaped which suggests they represent an early transposed foliation. xpl, fov 3 mm.

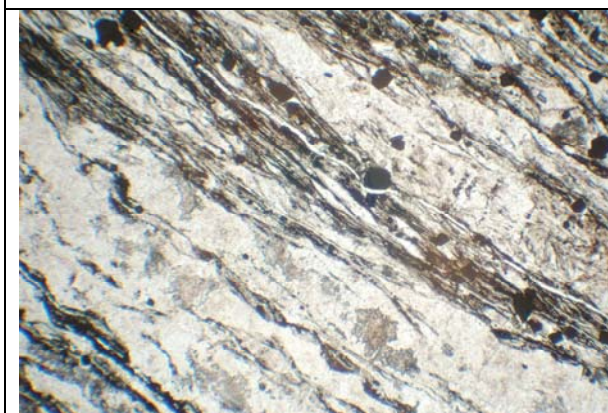


Photo 3c: The quartz-carbonate folia may be transposed veinlets, or could at least partly represent primary silty quartz-rich beds interlayered with carbonaceous mudstone (dark folia). ppl, fov 3 mm.

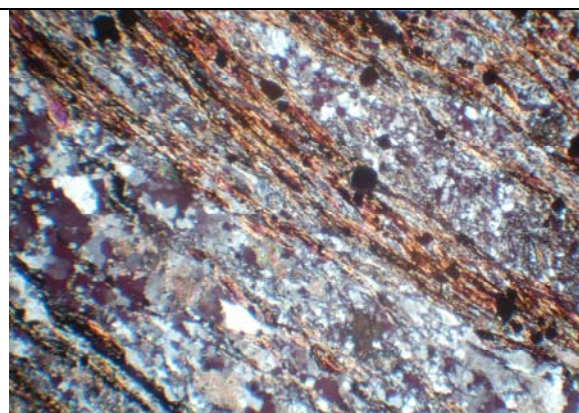


Photo 3d: Same as previous view. The quartz in the folia is partially recrystallized and is not highly strained, unlike the coarser-grained quartz in the larger dismembered vein. xpl, fov 3 mm.



Photo 3e: There is one larger distinct deformed quartz vein in the section. It truncates foliation in the wallrock, but is also folded and strained. ppl, fov 3 mm.

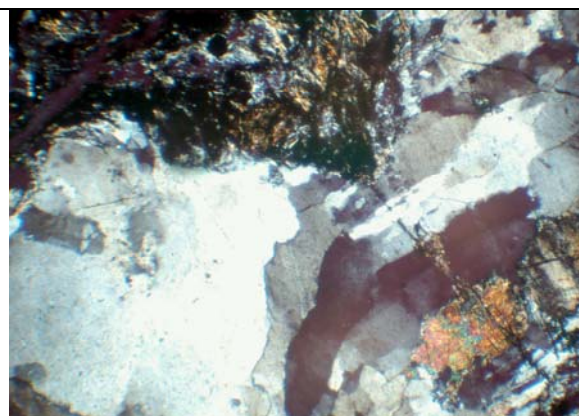


Photo 3f: Same as previous view. The quartz in the vein is stretched, and has undulose extinction. xpl, fov 3 mm.

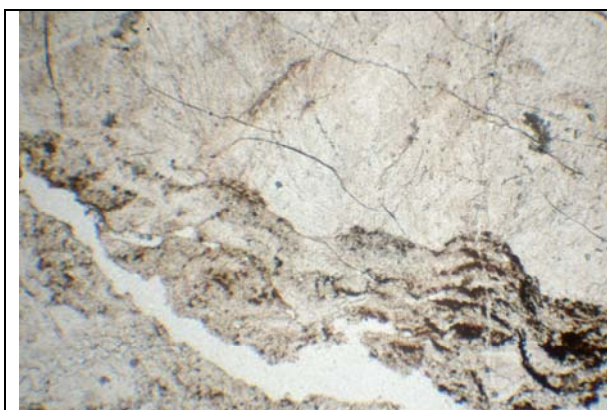


Photo 3g: This margin of a relict vein is parallel to the overall foliation, but is crenulated. ppl, fov 3 mm.

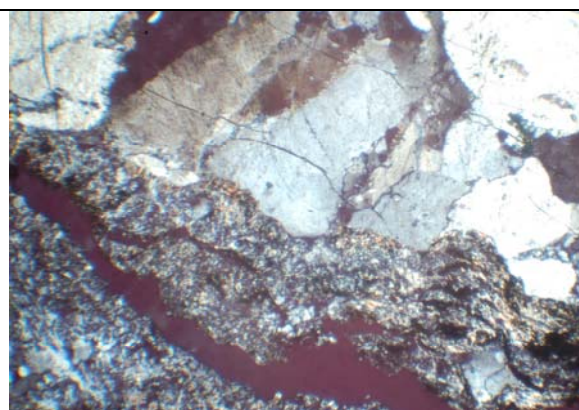


Photo 3h: Same as previous view. Veining and deformation were synchronous. xpl, fov 3 mm.

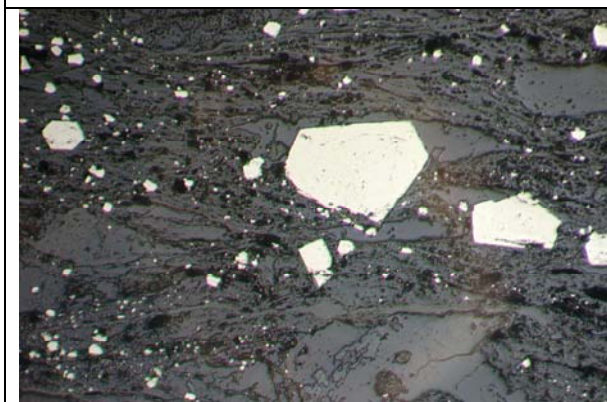


Photo 3i: The pyrite exhibits a wide range of grain size. It is concentrated in the carbonaceous folia, but larger crystals overgrow the folia. rl, fov 1.5 mm.

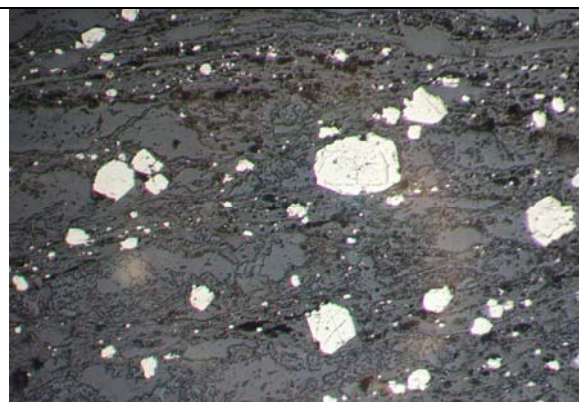


Photo 3j: Outer growth zones are visible on some larger pyrite crystals. They are separated from the core by a thin rim of minute inclusions or a distinct line in the crystal surface. rl, fov 1.5 mm.

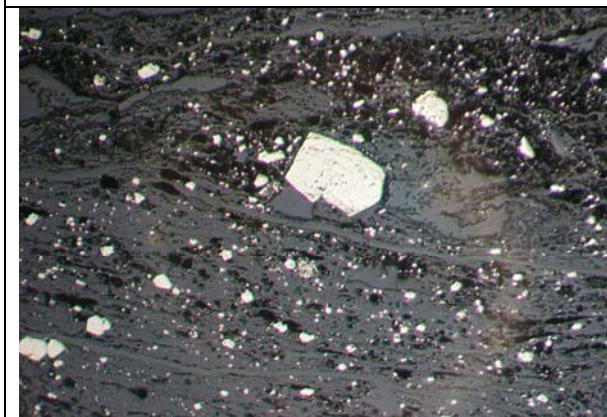


Photo 3i: Another larger pyrite crystal, with a weak outer growth zone, and swarms of fine-grained crystals. rl, fov 1.5 mm.

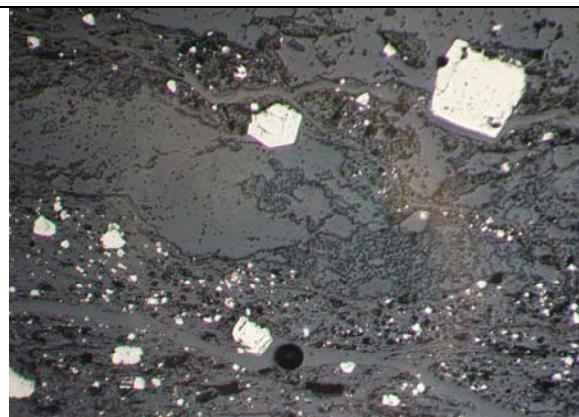


Photo 3j: The smooth surfaces in the dark grey groundmass in these images is quartz-carbonate, and the recessive ones are the carbon-muscovite. rl, fov 1.5 mm.