Frontispiece. View looking east over Gouda Lake, from the Gouda Lake grid, Hemlo East property, Northwestern Ontario.

2010 Diamond Drilling Program,

Gouda Lake Zone,

Python Claim Group,

Hemlo East Property,

Schreiber-Hemlo Greenstone Belt,

Brothers and Laberge Townships
(NTS 42C/12)

Thunder Bay Mining Division, Lake Superior, Northern Ontario,

Latitude 48 64'N, Longitude 85 73'W

for

MetalCorp Ltd.,

by S.T. Flasha (M.Sc.) and C.J. Greig (M.Sc. P.Geo.)

May 2, 2011

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1.0 Summary

Between October 10th and November 9th 2010, MetalCorp Ltd. completed a 29 hole 3,650 m diamond drill program targeting the Gouda Lake mineralized zone on its Hemlo East property. The holes tested the grade and continuity of the mineralized horizon along strike and at depth, as well as targeting coincident IP and magnetic anomalies from a ground geophysical survey completed in September 2010.

The 2010 drill program successfully outlined a north-northwesterly plunging higher-grade core to the Gouda Lake zone which averages 2.8 g/t Au, 87 g/t Ag, 0.17% Pb, and 1.01% Zn (5.74 g/t Au eq) over an average thickness of 3.5 m. The core zone rakes to the north-northwest within the Gouda Lake horizon, an extensive (greater than 3 km along strike, and greater than 600 metres down-dip) 10 to 20 metre thick horizon of metamorphosed felsic volcanic and derived sedimentary rocks that is characterized by the presence of white mica, quartz, and pyrite. Mineralization in the core zone consists of disseminated to semi-massive and local massive sulphides (principally pyrite, but with subordinate pyrrhotite, sphalerite, galena, and chalcopyrite). In general the highest precious metals grades are spatially associated with the highest abundances of sulphides, although there is not necessarily a one-to-one correspondence between gold grades and sulphide abundance.

Based on the elemental association and its close association with a particular stratigraphic horizon, the Gouda Lake zone most likely represents metamorphosed “distal” VMS-style mineralization. This is supported by its occurrence within a bimodal suite of (meta)volcanic rocks.

Continued exploration on the Gouda Lake grid is highly recommended, and expansion of the scope of exploration beyond the limits of the grid is also recommended.

2.0 Introduction

The Gouda Lake area has been explored and drill-tested from before the time of the discovery of the nearby Hemlo gold deposit. Since that time, however, exploration has been particularly active, and major mining exploration companies Lac Minerals, Placer Dome, and Teck Exploration, were active in the immediate area. Over the past thirty years the three companies undertook extensive geological, geochemical, and geophyscial surveys, and followed-up that work with a number of diamond drill campaigns, totalling over 60 drillholes. In 1988 to 1989, Lac Minerals made a drill discovery at the Gouda Lake zone, and their efforts eventually resulted in the calculation of an informal, near-surface gold resource of 167,749 tonnes at a grade of 3.5 g/t Au, hosted by what Lac referred to as the Gouda Lake horizon (Shevchenko 1995). Current high gold prices and a positive future outlook for the price of gold have subsequently made the 1989 Lac resource more attractive, with the suggestion that it has the potential to be economically feasible to mine. Unfortunately, the publically available reports on the Lac drilling at the Gouda Lake zone do not include assay data, and the since the core from the Lac drill programs has unfortunately since been destroyed, it was not possible for MetalCorp to verify Lac's grade and tonnage estimates. As a consequence, in order to properly evaluate the reported Gouda Lake gold resource, MetalCorp decided to drill-test the resource. To provide better control on the location of the zone, MetalCorp also undertook a 21 line-km ground IP and magnetometer survey (on a 1 km square grid with lines spaced at 50 metres) over the Gouda Lake zone.

In late September 2010, a full service camp was erected along the main access road to the Gouda Lake grid, and by early October 2010, MetalCorp commenced drilling. The results of the program are discussed herein.

3.0 Location, Access, and Physiography

The Hemlo East property lies within the Thunder Bay Mining Division, not far from the northeastern shore of Lake Superior (fig. 1). The property is situated south of Highway 17 (Trans Canada Highway) between the towns of Marathon (40 km west) and White River (20 km east). The Hemlo East property is bisected by the southwest-flowing White River and its shore-parallel linear park into the Fearless (west-northwest) and Python areas (east-southeast; fig. 2). The Canadian Pacific Railway (CPR) traverses the northern part of the Hemlo East property, not far

Figure 1. Location of the Hemlo East property, Northwestern Ontario.

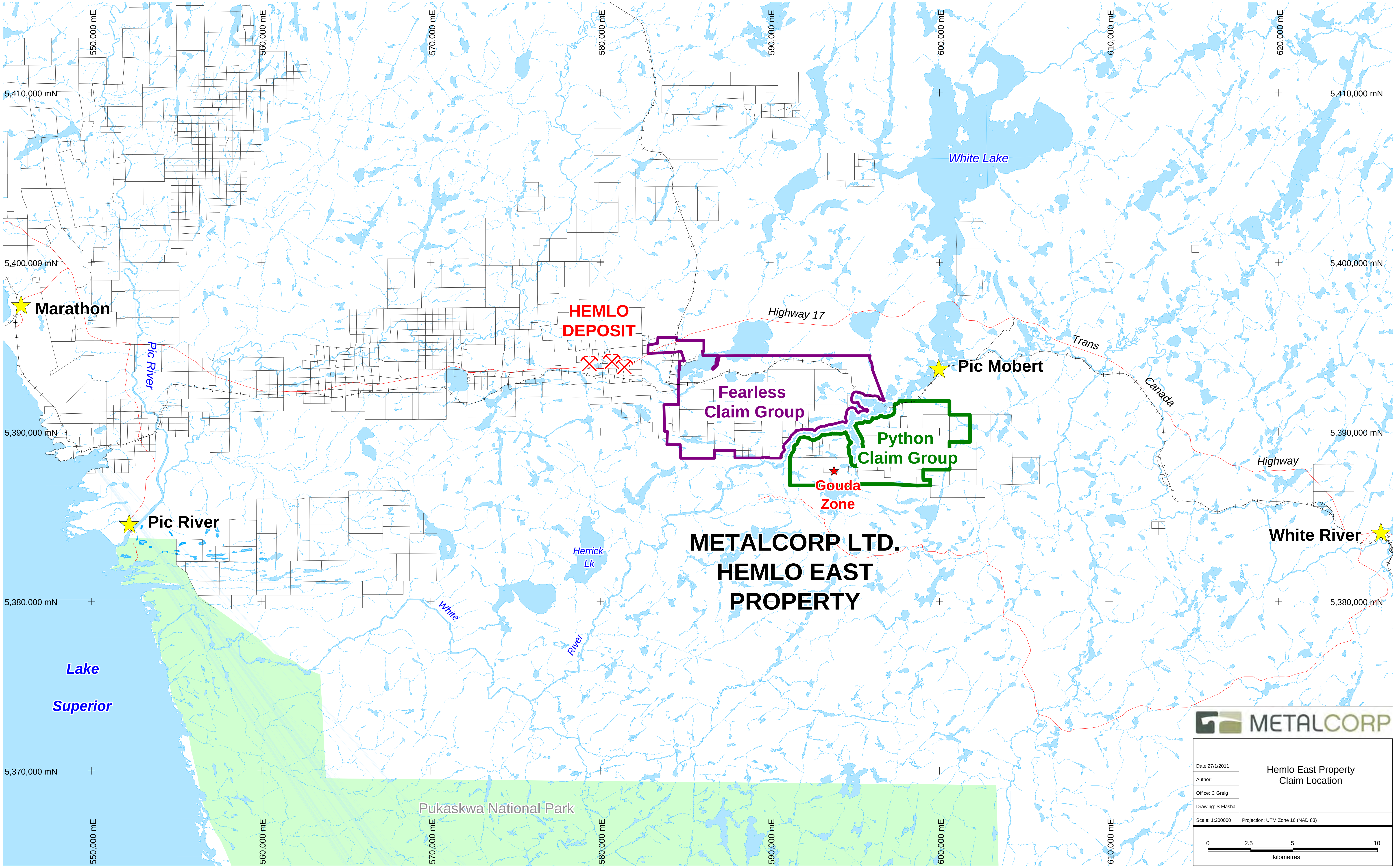


Figure 2. Location of the Fearless and Python claims groups, Hemlo East property, Lake Superior region, Northern Ontario.

south of the highway (fig. 2), and power transmission lines also parallel the highway on its north side.

Access to the Hemlo East property varies considerably from place to place. Some parts are easily accessed by truck, while access to other parts is only truly practical by helicopter. Still other parts are only practically accessed by boat via the White River. Aside from Highway 17, there are no bridges across the White River, and as such the Fearless and Python properties must be accessed from their respective west-northwest and east-southeast sides of the river. Fortunately, road access to the western half of the Python claim group, specifically the Gouda Lake area, is good, and is accomplished by means of the well-maintained Domtar 700 logging road system, which runs west-southwest to the Gouda Lake area from the community of White River (fig. 2). During the winter months, snow removal on this road system is not consistent, and depends on local logging and hydro project activity. The eastern part of the Python claim group is also road accessible, via a network of roads leading from the village of Pic Mobert. If air transportation is necessary, helicopters can be chartered from a permanent base in Marathon.

Topography on the Python claim group is generally gentle and rolling, and is typical of the Lake Superior region, with elevations ranging between 330 m and 480 m above sea level (fig. 3). Low-lying areas are generally wet, and filled by swamps, creeks, and lakes, with a varying thickness of glacial-fluvial overburden (typically 5 m or somewhat less). Higher elevations are typically rocky and covered only by a thin veneer of overburden. Some rocky cliffs and bluffs, in places up to 20 m in height, exist locally on the property but can in general be quite readily bypassed (fig. 4).

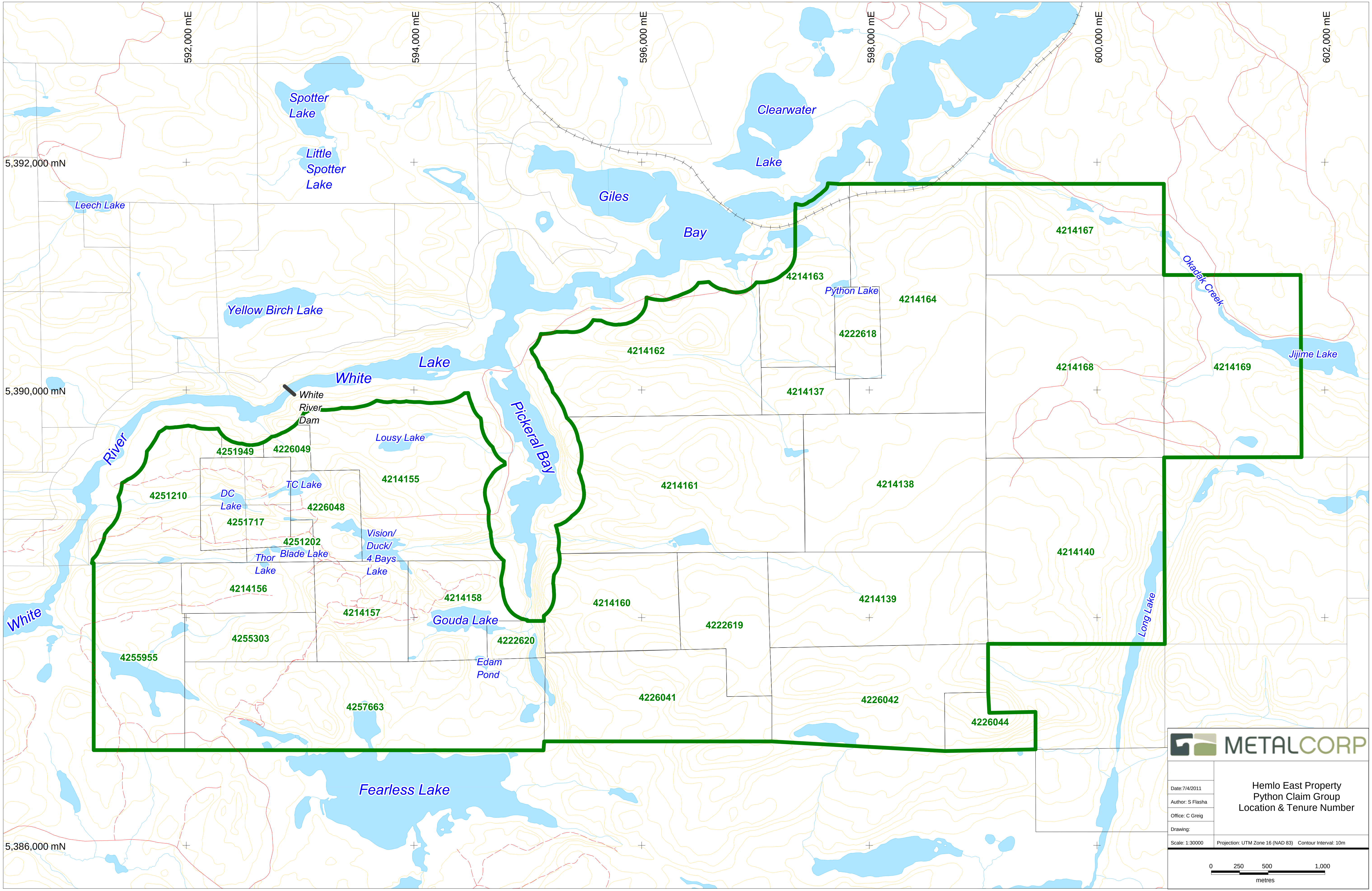


Figure 3. Python claim group tenures, Thunder Bay Mining Division, Lake Superior region, Northwestern Ontario.

Figure 4. View of impassable cliff central Gouda Lake grid, taken from L3+00E 0+50S, immediately above and to south of where the Gouda Lake horizon reaches surface. Geologist, aged and slightly stooped, for scale, standing on L4+00E.

4.0 Climate and Vegetation

Vegetation in the low-lying areas is comprised of grasses, thick tag alder, and lesser spruce and tamarack. At higher elevations, where bedrock dominates, jack pine and spruce are more common (fig. 4). Throughout the property overmature poplar, birch, and balsam are common, and because they are prone to blow down in high winds, blow-down areas are common across the property. Older blow-down areas are commonly marked by the presence of dense alders and Manitoba maple, which complicates local access in these areas.

Summers on the property are warm to hot, and can be quite humid due to the proximity of the area to Lake Superior, and to other nearby but smaller bodies of water. At the height of summer, temperatures may reach 35°C, although the norm lies in the 20's. Temperatures are very cold in the winter months, with temperatures rarely rising above freezing and daytime highs during

January and February as low as -30°C. Snow accumulation can be considerable, with drifts of up to 2 metres or a little more. Snow cover can be expected between mid-November and April or May. As such, surface exploration (e.g. mapping, prospecting, and soil geochemistry) is limited to the summer months and the early autumn.

5.0 Claims

The Hemlo East property is a collection of 95 claims, covering 96.4 km^2, separated by the White River and its bordering Provincial Park (Table 1), the boundary for which creates a 200 m protective buffer along the shoreline. MetalCorp's tenures situated to the west of the White River, and which are contiguous with the eastern boundary of Barrick's Hemlo deposit, are referred to as the Fearless claim group, while the tenures to the east of the river are referred to as the Python claim group (fig. 2). The work reported herein refers solely to that completed on the Python claim group, unless otherwise specified. In the group are 31 tenures covering a total of 35.1 km^2, although work was performed on only four of the claims in the 2010 program (Table 1; fig. 3).

The Python claims lie within Brothers and Laberge townships. MetalCorp staked the first of its Hemlo East claims in April, 2007 and has since continued to expand the its land position. The most recent claims were staked in early October, 2010. Currently, the majority of the Python claims are due to expire this year (Table 1), although pending acceptance of this report, the due date will be extended. MetalCorp Ltd. holds 100% of the claims comprising the Hemlo East property.

Table 1. Python claim group tenure information, Hemlo East property.

Claim Number	Township/Area	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
4214155	BROTHERS	2007-Jun-29	2011-Jun-29	A	100%	$4,000	$8,000	$0	$0
4214156	BROTHERS	2007-Jun-29	2011-Jun-29	A	100%	$1,200	$2,400	$0	$0
4214157	BROTHERS	2007-Jun-29	2011-Jun-29	A	100%	$1,600	$3,200	$0	$0
4214158	BROTHERS	2007-Jun-29	2011-Jun-29	A	100%	$1,600	$3,200	$0	$0
4251202	BROTHERS	2009-Jun-30	2011-Jun-30	A	100%	$400	$0	$0	$0
4251210	BROTHERS	2009-Jun-29	2011-Jun-29	A	100%	$2,000	$0	$0	$0
4251717	BROTHERS	2009-Oct-20	2011-Oct-20	A	100%	$1,600	$0	$0	$0
4251949	BROTHERS	2009-Oct-20	2011-Oct-20	A	100%	$400	$0	$0	$0
4255955	BROTHERS	2010-Oct-07	2012-Oct-07	A	100%	$3,200	$0	$0	$0
4255303	BROTHERS	2010-Oct-07	2012-Oct-07	A	100%	$1,200	$0	$0	$0
4226048	BROTHERS	2008-Jun-20	2011-Jun-20	A	100%	$1,200	$1,200	$1,270	$0
4226049	BROTHERS	2008-Jun-20	2011-Jun-20	A	100%	$400	$400	$0	$0
4214137	LABERGE	2007-Apr-03	2011-Jun-03	A	100%	$800	$1,600	$0	$0
4214138	LABERGE	2007-Apr-03	2011-Jun-03	A	100%	$4,800	$9,600	$0	$0
4214139	LABERGE	2007-Apr-03	2011-Jun-03	A	100%	$4,000	$8,000	$0	$0
4214140	LABERGE	2007-Apr-03	2011-Jun-03	A	100%	$6,400	$12,800	$0	$0
4214160	LABERGE	2007-Jul-09	2011-Jul-09	A	100%	$2,400	$4,800	$0	$0
4214161	LABERGE	2007-Jul-09	2011-Jul-09	A	100%	$6,000	$12,000	$0	$0
4214162	LABERGE	2007-Jul-09	2011-Jul-09	A	100%	$4,800	$9,600	$0	$0
4214163	LABERGE	2007-Jun-29	2011-Jun-29	A	100%	$2,400	$4,800	$0	$0
4214164	LABERGE	2007-Jun-29	2011-Jun-29	A	100%	$6,000	$12,000	$0	$0
4214167	LABERGE	2007-Jun-29	2011-Jun-29	A	100%	$3,200	$6,400	$0	$0
4214168	LABERGE	2007-Jun-29	2011-Jun-29	A	100%	$6,400	$12,800	$0	$0
4214169	LABERGE	2007-Jun-29	2011-Jun-29	A	100%	$4,800	$9,600	$0	$0
4222618	LABERGE	2007-Aug-07	2011-Aug-07	A	100%	$800	$1,600	$0	$0
4222619	LABERGE	2007-Aug-07	2011-Aug-07	A	100%	$2,000	$4,000	$0	$0
4222620	LABERGE	2007-Aug-07	2011-Aug-07	A	100%	$800	$1,600	$0	$0
4226041	LABERGE	2007-Nov-13	2011-Nov-13	A	100%	$3,600	$7,200	$0	$0
4226042	LABERGE	2007-Nov-13	2011-Nov-13	A	100%	$3,600	$7,200	$1,735	$0
4226044	LABERGE	2008-Feb-04	2012-Feb-04	A	100%	$800	$1,600	$0	$0
4257663	LABERGE	2010-Oct-07	2012-Oct-07	A	100%	$6,400	$0	$0	$0

6.0 Regional Geologic Setting & Metallogeny

6.1 Regional Geology

The Hemlo East property lies within the Archean Superior province, and more specifically within the central part of the Wawa-Abitibi subprovince (Stott et al. 2010). The Wawa-Abitibi subprovince is comprised mainly of volcanic and plutonic rocks ranging in age between 2.72 and 2.88 Ga (Percival 2006). Rocks on and around the Hemlo East property are somewhat younger, with the Cedar Lake pluton being as young as 2.683 Ga (Fage 2011), and the Gowan Lake pluton as young as 2.678 Ga (Corfu and Muir 1989). The Wawa-Abitibi subprovince is interpreted to have been accreted to the southern margin of the Quetico subprovince around 2.69 Ga, during the Shebandowanian orogeny (Kerrich et al. 1999). As per recent dating by Fage (2011), it is evident that this was a critical time for plutonism and volcanism in the Hemlo East region (fig. 5).

Overall, rocks of the Wawa-Abitibi subprovince is at lower greenschist to amphibolite facies metamorphic grade, although the Hemlo East area lies entirely within the amphibolite facies (Pan and Fleet 1995). Several metavolcanic and metasedimentary greenstone belts have been identified within the subprovince. The belts may be separated across thrust or strike-slip faults, or by syn- to post-kinematic intrusions (Polat and Kerrich 1999). The belt underlying the Hemlo East property is known as the Schreiber-Hemlo greenstone belt, and it is dominated locally by metasedimentary rocks, although they are intercalated throughout with layers and lenses of felsic to mafic, and local ultramafic, metavolcanic rocks. The Schreiber-Hemlo greenstone belt has been further subdivided into three assemblages by Williams et al. (1991): 1) the Schreiber assemblage, 2) the Hemlo-Black River (Hemlo) assemblage, and 3) the Heron Bay-Playter Harbour (Harbour) assemblage. These three assemblages consist of similar rock types, namely mafic and intermediate-to-felsic metavolcanic and related siliciclastic metasedimentary rocks (Pan and Fleet 1995). The Hemlo East

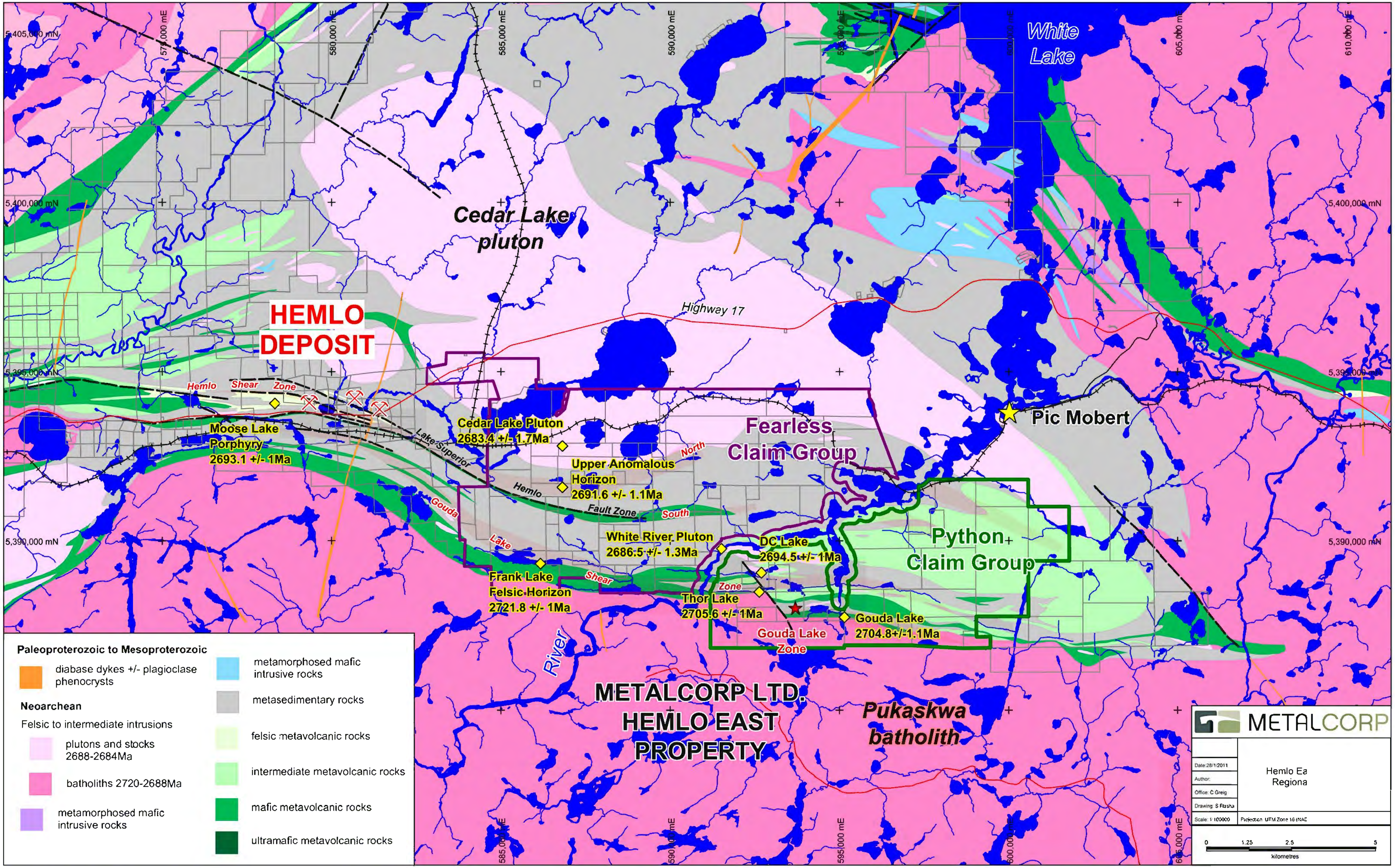


Figure 5. Regional geologic map, showing location of the Hemlo East property, the Hemlo deposit, geochronologic data from Fage (2011), and surrounding mineral tenures.

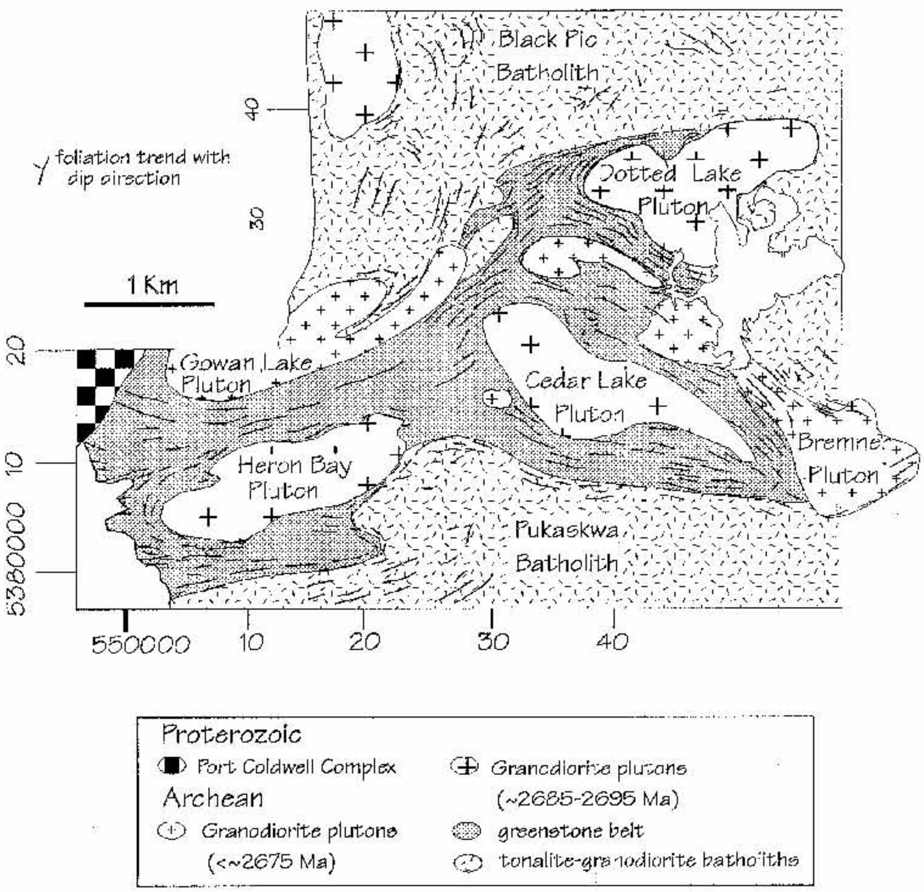
property is centred across the east-west trending boundary between the Hemlo and Playter Harbour assemblages. That boundary is also known as the Lake Superior-Hemlo Fault Zone (LSHFZ; Pan and Fleet 1993; fig. 5), the eastern end of which lies near the western margin of the Hemlo East property. The LSHFZ extends westward toward Lake Superior near Marathon, ON.

The Schreiber-Hemlo greenstone belt is bound on the north by the Black Pic batholith, and on the south by the Pukaskwa batholith (fig. 5). In addition, the stratified rocks have been intruded by a diverse suite of smaller Archean granitoid plutons and dykes, as well as by typically north-northwest trending Proterozoic diabase dykes (fig. 5).

6.2 Structural Geology

Rocks in the Hemlo area have been affected by two or three major deformational events. According to Polat et al. (1998), the first event (D1) is a north-northwest to south-southeast directed compressional event which occurred during subduction and accretion, and which was associated with emplacement of slab-derived felsic sills and dykes (fig. 6). The foliation developed during this event typically runs parallel to pluton contacts (fig. 6), and according to Jackson (1998), the event coincides regionally with peak metamorphism. The second deformational event (D2), was apparently an orogen-parallel transpressional event with strike-slip faulting and isoclinal folding along north-northwest to south-southeast trends (fig. 6; Jackson 1998; Polat et al. 1998). Jackson (1998) postulated that the pluton contact-parallel D1 foliations were the consequence of this D2 folding event (fig. 6). Collision between rocks of the Wawa and Quetico subprovinces at approximately 2.6 Ga led to the formation of D3 fabrics in a third deformational event, which is postulated to have resulted from northwest-southeast dextral transpression, manifest as strike-slip faults and shear zones, including the LSHFZ (fig. 5; Polat et al. 1998).

a)



b)

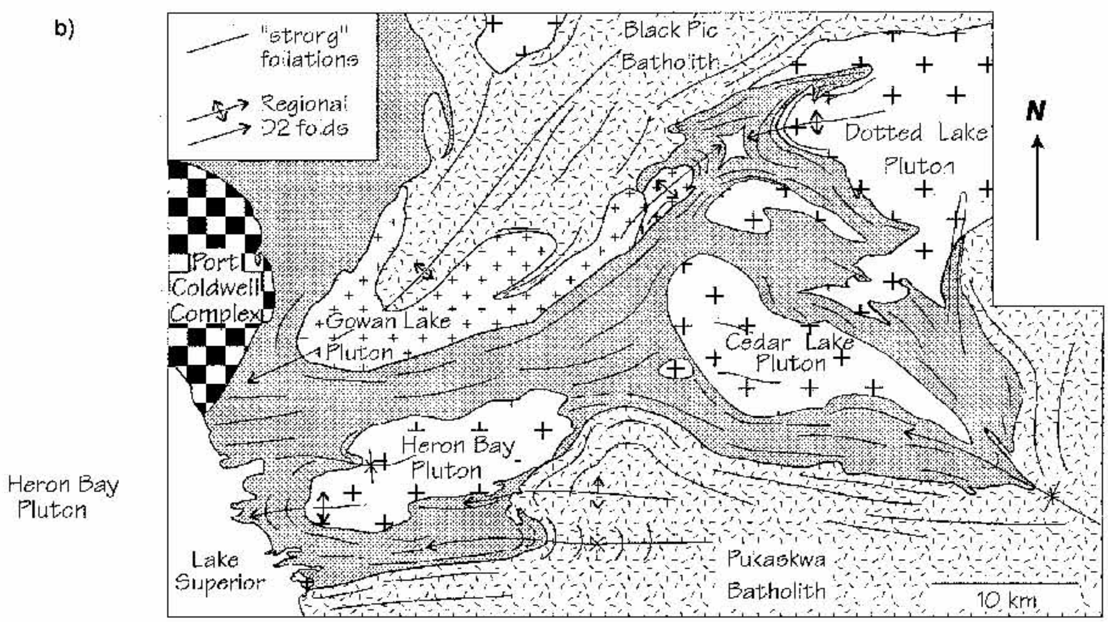


Figure 6. Foliation trajectories in the Hemlo greenstone belt (Jackson 1989); data from Jackson (1989) and Milne (1968). (a) Trajectories largely represent D1 trends. (b) Schematic interpretation of regional D2 folds.

The Hemlo East property is host to at least one major shear zone, the Hemlo Shear Zone (HSZ), which as mentioned above, is part of the brittle-ductile LSHFZ. The high strain apparent in the LSHFZ, particularly in the immediate vicinity of the deposit, is considered by many familiar with the Hemlo area to be a key control in localization of gold mineralization (e.g., Lin 2001). The narrower parts of the sinistral HSZ are apparently host to the best gold mineralization, and this is where deformation was considered by Lin (2001) to be most intense. The HSZ continues eastward along strike onto the Hemlo East property, where it may bifurcate into the Hemlo North Shear Zone (also known as the Upper Anomalous Zone or Horizon) and the Hemlo South Shear Zone (also known as the Egg Lake zone or horizon); both are known to host elevated levels of gold (Thompson et al. 1999).

The Gouda Lake horizon in the southern part of the Hemlo East property is a belt of well foliated pyritic quartz white mica schist, the protolith for which was most likely felsic volcanic rocks, or sedimentary rocks derived from them. In the regard that it consists in large part of well foliated white mica schists containing local quartz and pyrite, the Gouda Lake horizon is similar to distinctive and in places ore-bearing rocks of the LSHFZ in the northern part of the belt. Because of this, they have been similarly interpreted to represent a brittle-ductile shear zone, and this interpreted shear zone has been referred to as the Gouda Lake shear zone by Thompson et al. (1999).

6.3 Metallogeny

The Schrieber-Hemlo greenstone belt is home to Canada's single largest gold deposit, Hemlo, which is a mining camp within itself. Three separate mines were developed on the Hemlo deposit: Williams, David Bell, and Golden Giant, and the former two remain in production. Muir (2002) reported that there were approximately 100 million tonnes of ore at Hemlo which averaged approximately 8 g/t (28.2 million ounces). Approximately 6.5 million ounces of gold at 7.0 g/t were extracted from the Golden Giant mine, which closed in 2006, while Barrick Gold Corporation, the current owner and operator of the Williams and David Bell mines, reported combined proven and probable reserves of 1.3 million ounces at the end of 2009. At Hemlo, the gold mineralization is mainly hosted by felsic metavolcanic rocks of the Moose Lake porphyry, with volcanic and sedimentary rocks in the hangingwall and altered Moose Lake porphyry in the footwall (Paakki 2002; Thompson et al. 1999). The Hemlo deposit is also associated with the west-northwest trending HSZ and a large potassic alteration zone is closely associated with the deposit (Muir 2002; Tomkins et al. 2004). While the gold at Hemlo apparently does not have a one-to-one association with any particular sulphide minerals, pyrite and molybdenite are a common association, and stibnite and cinnabar are also locally present (Muir 2002).

Two VMS-style occurrences are also present within the Schrieber-Hemlo greenstone belt: the Winston Lake deposit and the Big Lake prospect (fig. 2). Approximately 4.2 million tonnes of ore grading 16.8% Zn, 1% Cu and 37 g/t Ag were mined from the Winston Lake deposit, which is hosted by felsic volcanic rocks and mafic flows (MNDM 2006). At Big Lake, which lies not far to the west of the Hemlo East property and which is also owned by MetalCorp, mineralization occurs mainly as flattened stockworks near the contact between overlying mafic to ultramafic metavolcanic rocks and underlying sedimentary rocks in what may be an overturned succession. Excellent intersections ranging up to 8.2% Cu, 2.7% Zn, 140 g/t Ag, and 1.0g/t Au over 4.4 metres were recorded by MetalCorp at Big Lake, but at present the mineralized zone as outlined appears to be too small to be economic (Rinne 2010).

7.0 Gouda Lake Area Geology

7.1 Previous Mapping

The most recent geological field work on the Gouda Lake area was done in 2009 by Lakehead University student Adam Fage, whose Master's thesis work was partially funded by MetalCorp, and whose work was focussed on the immediate area of the Gouda Lake horizon. Fage collected whole rock geochemical samples for representative lithologies from the Gouda Lake area from both outcrop and from Teck Exploration drillholes, prepared detailed hand sample and petrographic descriptions, and had some samples from the immediate area, as well as from the Hemlo region, age-dated (fig. 5), all of which led to revisions of previous geologic maps (Fage 2011). No other geologic mapping was undertaken by MetalCorp, aside from locating a number of diabase dykes during the 2010 program which were close to drillsites on the Gouda Lake grid.

The most detailed geologic mapping in the Gouda Lake area was completed in the early to mid 1980's by Lac Minerals Ltd. (e.g. Guthrie 1985, McIlveen et al. 1984), and later phases of less detailed outcrop-style mapping were completed in 1994 by Placer Dome (Schevchenko 1995), and in 2000 by Teck Exploration (Thompson & Paakki 2001). Teck's mapping covered the entire Hemlo East property, which was referred to by Lac, Placer Dome, and Teck as the White River property. The Teck map shows 13 major rock types, and lists further subdivisions of the main lithotypes, although neither the main Teck report nor the map give detailed descriptions of the lithologic units.

Placer Dome completed a 1:2,500 scale outcrop map of the Gouda Lake area using a wide-spaced cut grid as a base. Shevchenko (1995) wrote a thorough report on the mapping project, and it included lithological descriptions and a full section discussing what they referred to as the 'South

Belt,' which is the area bound on the north and west by the White River and on the east by Pickeral Bay, which is an arm off of the White River.

Lac's detailed geological mapping in the Gouda Lake area was undertaken by a number of mappers, sometimes working in concert with one another, but with separate 1:2,000 scale sheets apparently assigned to mappers or teams of mappers which spanned the length and breadth of the property. For the Gouda Lake area, a geological report by Guthrie (1985) details each of the lithological units identified in the area, and describes their observed relationships.

Seven lithological units were identified in MetalCorp's 2010 diamond drilling program at the Gouda Lake zone. Unit names and inferred protoliths have been changed in some cases from Lac's mid-1980's work, but for the most part the outcrop outlines and map unit contacts are unchanged and the early work certainly forms the basis for the compilation geological map of the Gouda Lake grid, which is shown in Figure 7.

7.2 Lithologic Units

In the Gouda Lake area, both bedding and foliation in the rocks generally dip moderately steeply (35-55°) northward (fig. 7). The stratified rocks in the grid area are bound on the south by granitoid rocks of the Pukaskwa batholith (Corfu and Muir 1989). Immediately north of the batholith, the southernmost and structurally lowest stratified rocks are biotite amphibolite, a unit which has also been termed a mafic metavolcanic, which is a reasonable protolith for these metamorphic rocks. The amphibolite is overlain by a package of schistose to gneissose biotite quartzofeldspathic rocks, most likely metamorphosed intermediate to felsic volcanic and derived sedimentary rocks. The schistose rocks commonly host a relatively thin layer of pyrite biotite white mica schist (the white mica may be muscovite, phlogopite or "sericite") which contains local quartz eyes and which also hosts the gold-mineralized Gouda Lake zone. According to Fage (2011), the

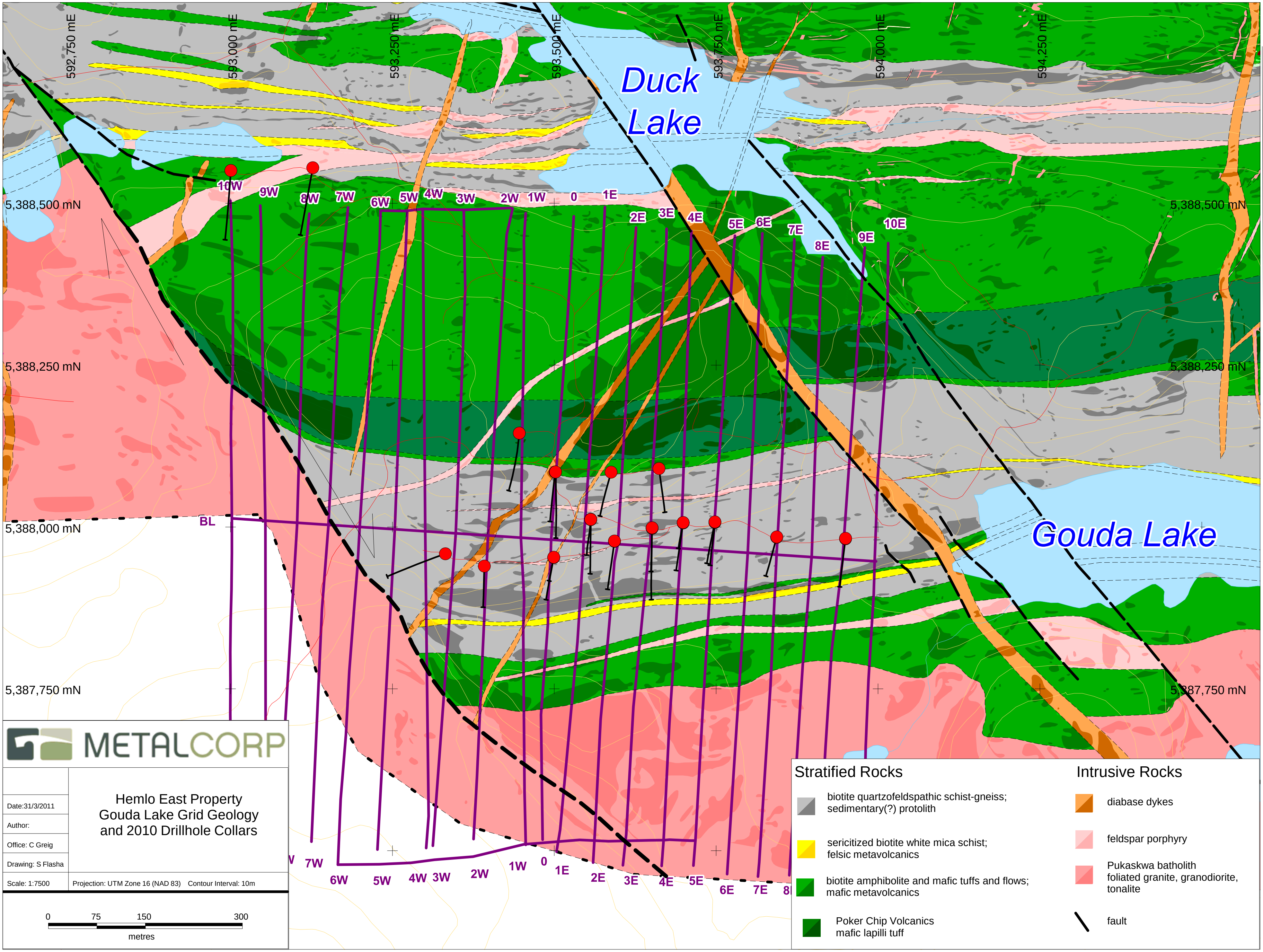


Figure 7. Gouda Lake grid geology, Hemlo East property, modified after Fage (2011), Guthrie (1985) and Shevchenko (1995).

quartz eye-bearing schistose rocks of the Gouda Lake horizon are a metamorphosed primary felsic volcanic rock; they yielded a 2704.8 +/- 1.1 Ma U-Pb zircon date (Fage 2011).

The biotite-bearing quartzofeldspathic schist-gneiss in the Gouda Lake grid area and its interpreted protoliths have been termed differently by previous mappers. For example, Guthrie (1985), who prepared the most detailed maps of the area, described the rocks as gneissic quartzofeldspathic metasedimentary rocks. In contrast, McIlveen et al.(1984), also mapping for Lac Minerals, subdivided these rocks into two units: metasedimentary rocks (fine-grained siliceous rocks, pelitic schists or biotite-rich sedimentary rocks) and "intermediate" volcaniclastic rocks (fine-grained tuffs). Mappers for Placer Dome also subdivided the rocks into two map units: one termed a wacke and the other an arkosic wacke. Both were described as being feldspar dominant rocks containing <50% quartz, but the "wackes" containing greater than 15% biotite and the "arkosic wackes" containing <5% mafic minerals. Subunits within this sequence were all described as fine-grained gneissic rocks, with mm-scale compositional layers outlined by varying amounts of biotite, amphibole, quartz, and feldspar (Shevchenko 1995). In the Teck Exploration mapping, the Gouda Lake zone host sequence is described as clastic sedimentary rocks (biotite and hornblende wackes and derived gneisses) but they also included mafic and intermediate volcanic schists and gneisses within the same stratigraphic package (Thompson et al. 1999). Without detailed descriptions from the Thompson et al. (1999) map or the McIlveen et al. (1984) map, it is difficult to understand the exact basis for the widely varying protolith interpretations, and in MetalCorp's work, including this report, an attempt has been made to hold to descriptive rather than interpretive terminology, and as a consequence the rocks have been described as metamorphic rocks, which indeed they are. Where protoliths have been interpreted, they are referred to as such, which should be obvious in the text.

To the north, the host biotite schist-gneiss to the Gouda Lake horizon and its contained mineralization are overlain by another more mafic sequence, also dominated by biotite amphibolite, which in this case includes a well defined and distinctive “marker” layer, known locally as the Poker Chip horizon, which has previously, and quite reasonably, been interpreted to represent a metamorphosed lapilli tuff (fig. 7). Near the northernmost limits of MetalCorp’s Gouda Lake area cut grid, another package of biotite quartzofeldspathic schist-gneiss outcrops and contains a number of layers of white mica schist which are at least outwardly similar in appearance to the Gouda Lake horizon rocks. This northern belt of schist-gneiss rocks also hosts discontinuous layers of amphibolite that have been interpreted as mafic coarse-grained flows and tuff; they thicken to the east and pinch out to the west.

Within the bounds of the Gouda Lake area grid, and elsewhere on the Hemlo East property, stratified rocks also host common feldspar porphyry and granite pegmatite intrusions. The felsic intrusions in most cases lie parallel to the foliation common to the stratified rocks and are themselves commonly foliated, although the intrusions are typically less well-foliated than their hosts. Finally, all of the stratified and intrusive rocks on the Gouda Lake grid, including the porphyries and pegmatites, have been cut by Proterozoic diabase dykes. The dykes are up to 15 m thick and generally trend to the north-northeast, although northwest striking dykes are also present (fig. 7).

7.3 Local Structural Geology

As mentioned above, aside from the Proterozoic diabase dykes, all lithological units on the Gouda Lake grid area dip moderately steeply (35-55º) to the north, including the Pukaskwa batholith in the south (fig. 7). Guthrie (1985) noted that there is no good evidence in the Gouda Lake area for folding, duplication of the lithologic sequence across low angle faults, and no evidence for overturned beds, although it should also be noted that the rocks are certainly as much metamorphic rocks as anything. Guthrie's suggestion that the stratigraphic sequence represents a north-dipping and north-facing stratigraphic sequence agrees with Jackson's (1989) regional work in which he proposed the existence of a west-northwest synform across the width of the Schrieber-Hemlo greenstone belt in the Hemlo area (fig. 6). The Gouda Lake area lies on the southern limb of the synform, which implies that the stratigraphic sequence is right way up in the area, while those on the northern limb must therefore be overturned.

One of the more obvious structural elements in the Gouda Lake area is the DC Lake fault, a northwest trending fault with apparent dextral, down-to-the-east displacement (fig. 5). The fault offsets the Gouda Lake horizon from its correlative to the northwest, the Thor horizon (named after its exposure at the Thor Ponds), with greater than 600 m of apparent dextral offset (fig. 7).

7.4 Local Mineral Occurrences

The Gouda Lake Au mineralized zone is the most well-known mineral occurrence on the Python claim group (fig. 7). The white mica-rich schistose felsic rocks which host the zone, the Gouda Lake horizon, have been displaced across the DC fault from their equivalent to the northeast that is known as the Thor horizon. The Thor horizon has been known and been the subject for exploration since the 1960's, whereas the Gouda Lake horizon was only discovered in the 1980's, and the Gouda Lake mineralized zone in the late 1980's (see section 8.0 for further discussion).

Together, the Gouda-Thor horizon represent a gently to moderately north-dipping layer of biotite white mica schist, locally including quartz eyes, typically of 10 to 20 m true thickness, which itself is hosted by either a sequence of biotite quartzofeldspathic schistose-gneissic rocks or locally, by amphibolite (fig. 7). According to a report for Placer Dome authored by Shevchenko (1995), Lac Minerals calculated a gold resource for the Gouda Lake zone following drill campaigns over a two year period, coming up with a gold resource consisting of either 167,749 tonnes at 3.5 g/t Au, or 253,000 tonnes at 4.1 g/t Au +Ag. In the only drill logs from that era which were available to MetalCorp, the mineralization at Gouda was typically described as consisting of massive pyrite and pyrrhotite with minor sphalerite and galena (e.g. Adamson 1991).

The Thor horizon, although apparently the offset equivalent of the Gouda Lake horizon and in an obviously very similar geological setting, has not yet been known to yield significant precious metals mineralization. The Thor horizon does contain common disseminated sulphides, with up to 7% pyrite and associated sphalerite and galena reported (e.g. Lac drillhole M-11-2) but only weakly anomalous levels of Au and Ag have been documented.

Molybdenite mineralization also occurs in the Gouda Lake area. Occurrences have been noted near Duck Lake, where Fage (2011; fig. 7) described molybdenite occurring locally within quartz-feldspar porphyry dykes in amounts up to 20% , and where Guthrie (1985) reported trace to 5% molybdenite associated with pyrite in pegmatite dykes, metasedimentary rocks, and within mafic metavolcanics (amphibolite). These occurrences have certainly sparked some interest, as molybdenite is commonly associated with gold at Hemlo. Unfortunately, there appears to be little direct association between the molybdenite in the Gouda Lake area and the gold mineralization in the Gouda Lake zone.

Also noteworthy, although not within the limits of the Python group of claims, are the felsic schistose rocks of the Upper Anomalous zone and Egg Lake horizons on the northern part of the Hemlo East property (fig. 5). These horizons, like the Gouda Lake horizon, are felsic, commonly quartz eye-bearing white mica-rich horizons which carry common pyrite and subordinate pyrrhotite, and can be tracked eastward from the mines at Hemlo. They also carry anomalous to very highly anomalous gold values. Given their proximity to Hemlo, with its fabulous gold resources, these horizons have been heavily tested, with Lac drilling nearly 50 holes along them during the 1980's, Placer Dome drilling a number of deeper holes in the mid-1990's, and Teck drilling still more deep holes in the late 1990's and early 2000's. In 2009, MetalCorp tested even deeper in this area, drilling a 1,500 metre deep hole to test the Upper Anomalous zone. The drilling successfully intersected the horizon beneath the north-dipping southern contact of the Cedar Lake pluton, nearly 1 km down-dip of the horizon's surface expression. Unfortunately the results proved disappointing, with the horizon returning only 0.85 g/t Au over a seven metre intercept.

8.0 Previous Exploration Work

The earliest work documented in government records for the area of the Python claim group was that by Mattagami Lake Mines Ltd. in 1968 (Harvey 1968). Mattagami completed almost 1100 metres of drilling in seven drillholes, presumably targeting VMS-style mineralization in the area between DC and TC lakes, north of the DC Lake fault, on what was know then as the Carroll Option (fig. 8). The drill logs for the program are in the public record and include assay results, but the work done by Mattagami prior to the program and the rationale for the exploration program are incompletely documented. The core was analysed for Au, Ag, Cu, Ni, Pb, and Zn, and while there were many highly anomalous results, particularly for Zn and Pb, some of which were over appreciable core lengths, there were few, if any, ore-grade assays.

The government records suggest that little or no exploration was undertaken southeast of the White River in the Python area between the time of Mattagami's work and the discovery of the gold deposit at Hemlo in the early 1980's (Eveleigh and Carey 2007). Between 1980 and 1982, Lac Minerals staked the area that is now known as the Hemlo East property, naming it the White River property. In the initial stages of exploration in 1981 and 1982, airborne EM and magnetometer

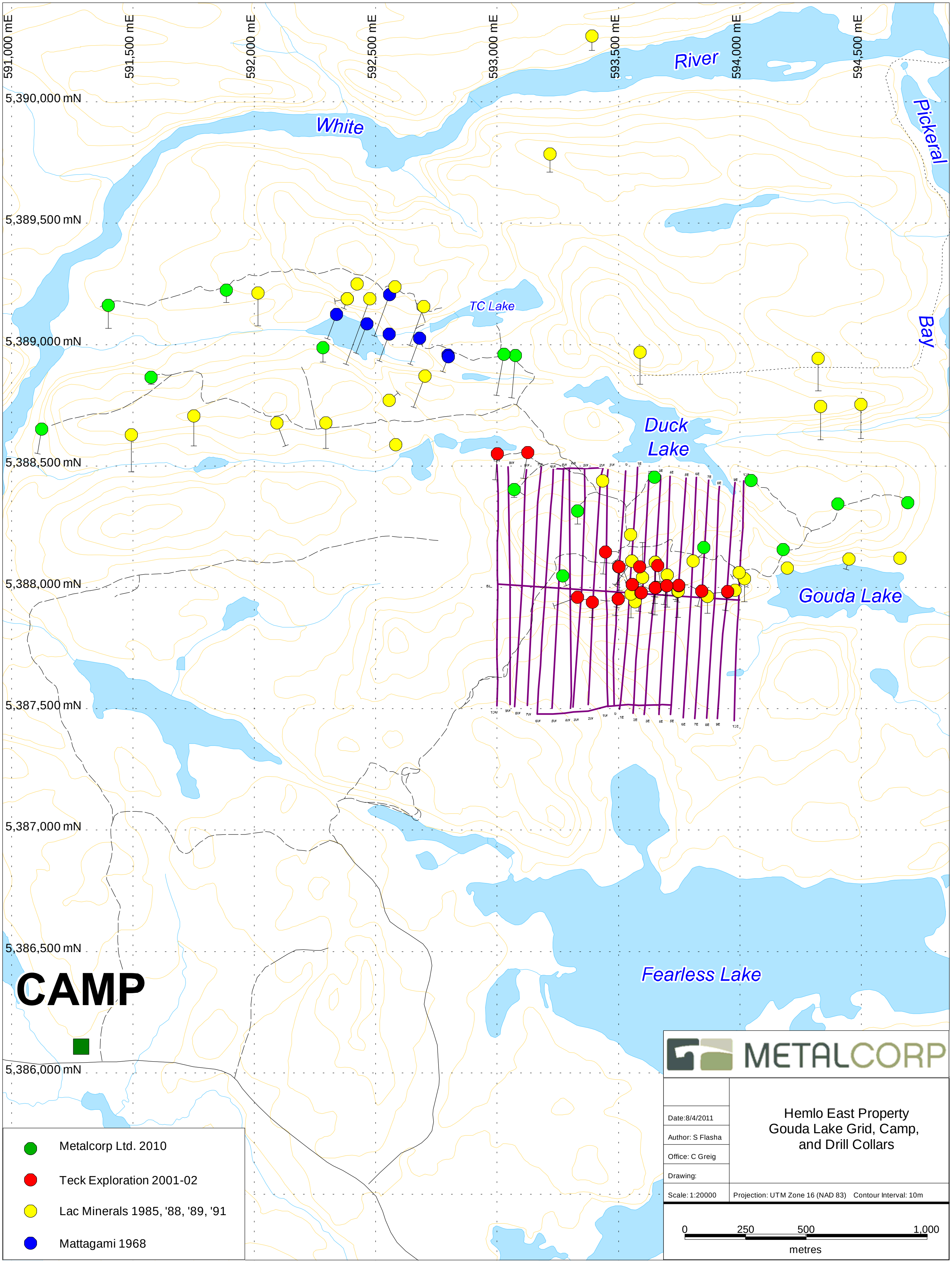


Figure 8. 2010 and previous diamond drillhole collars in the Gouda Lake area, showing camp location and road access, Hemlo East property.

surveys were flown, and in 1983 Lac Minerals completed a large cut grid to facilitate a humus geochemical sampling survey. In 1984, several geologists (e.g. Guthrie, McIlveen, Kent, Campbell) were employed to produce outcrop geological maps of the White River property. Later summary reports by Teck (e.g., Paakki 2002) also suggest that a considerable amount of ground geophysical work was undertaken by Lac. Drilling by Lac in the Gouda Lake area was initiated in 1985, with the majority of the drillholes collared in the vicinity of the original Mattagami drillholes. Three more holes were drilled in the same general area the following year. In 1988, Lac Minerals retuned again to the Gouda area, and one of their three drill holes was the Gouda Lake zone discovery hole, N-13-1. While the assays and sampling data from the 1988 program are not available in the public domain, the results for hole N-13-1 were significant enough to warrant drilling 19 more holes the following year, including the initial 1989 drillhole, which was a steeper angle hole from the site of the 1988 discovery hole (fig. 8). Following the 1989 drill program Shevchenko (1995) reports that Lac Minerals released their resource estimates for the Gouda Lake zone, with 167,749 tonnes at 3.5 g/t Au or 253,000 tonnes at 4.1 g/t Au +Ag.

The Gouda Lake zone drilling and resource estimates appear to have been the final phase of work done by Lac Minerals on the Python claim group. Lac lost ownership of the Williams Mine in 1991 and became a subsidiary of Barrick Gold Corp. following a 1994 take-over. Shortly thereafter Barrick optioned the White River property to Placer Dome Canada Ltd. While most of Placer Dome's work was focussed outside of the immediate Gouda Lake area, they did cut a grid to complete their own phase of property-wide geological mapping. Aside from that mapping, no further work was done on the Python claims by Placer Dome (Shevchenko 1995).

While there is little data available in the public domain to substantiate Lac's resource, one thing which was fortunate was that the drill casing from the Lac drill programs at the Gouda Lake zone was left in the holes. Most of the holes were located in the 2010 field season, with collar locations updated and re-registered in UTM space using a handheld Global Positioning Systems (GPS) unit (fig. 8).

In 1999, Teck entered into an option agreement with Lac Minerals for the White River Property. Over a three year period, Teck completed geological mapping, prospecting, lithogeochemical sampling, humus and conventional soil geochemistry, trenching, drilling, and some re-logging and re-sampling of previous diamond drillcore. Teck drilled eleven holes in the Gouda Lake area, testing both the Thor and Gouda Lake horizons down-dip to the north and along strike in both directions (fig. 8), although no drillholes were drilled in the immediate vicinity of the resource outlined by Lac. Teck successfully intersected the Gouda and Thor horizons in most of the holes, and therefore successfully defined a strike-length of greater than 3 km, but unfortunately the analytical results revealed only sub-economic values for gold and base metals, including molybdenum (Paakki 2002). Afterward Teck elected not to renew the option on the White River property, and no further work was recorded on the Python claim group prior to MetalCorp staking the claims comprising the present Hemlo East property.

9.0 Gouda Lake Grid Geophysical Surveys

Prior to drilling Lac Mineral's gold resource at the Gouda Lake zone, MetalCorp undertook a ground geophysical survey of the immediate area. Because the Gouda Lake horizon (the host to the Gouda Lake gold zone) was in part first outlined by means of Induced Polarization (IP) surveys, and because MetalCorp had no access to the original Lac Minerals ground geophysical survey data, it was felt that an IP survey would yield valuable control on the near-surface location of the Gouda Lake horizon. The Lac drill logs which were available (e.g., Adamson 1991) describe the mineralized zone at Gouda Lake as "a felsic volcanic sericite schist hosted massive sulphide, comprised mainly of pyrite with variable amounts of pyrrhotite, sphalerite, galena, and chalcopyrite" and it was felt that the mineralization could be expected to yield both reasonable chargeability and magnetic responses. A ground-based IP and magnetometer survey totalling 21 line-km was therefore conducted in September 2010 by RDF Consulting Ltd. of Newfoundland (figs 9-11; Appendix I). The survey was run on a 1 km square grid with north-south lines spaced every 50 m. The grid was cut in July and August 2010, and was centred over the surface trace of the Gouda Lake zone, as determined from Lac Minerals and Teck Exploration maps and drill plans.

As expected, the IP chargeability outlined a highly anomalous east-west zone which corresponded with the known surface trace of the sulphide-bearing white mica schist of the Gouda Lake horizon, between grid lines 400W and 1000E on the eastern part of the grid (fig. 9). The IP response coincided with a moderate magnetic high, as well as with a well defined resistivity low (figs. 7, 10, and 11). Profiles for the chargeability anomaly also showed continuity at depth (Appendix I).

Parallel, somewhat lower tenor and less continuous chargeability anomalies were also outlined north of the main zone, and centred along grid coordinates 125N and 250N (fig. 9). Like those coincident with the Gouda Lake horizon, these anomalies extend eastward across the grid east of the northwest-southeast trending DC fault, but they do not coincide well with any continuous magnetic responses. What the magnetometer survey highlighted particularly well were the local northeast and northwest trending diabase dykes (figs. 7 and 11). Interestingly, the Pukaskwa batholith east of the DC fault also had an elevated magnetic response, whereas apparently similar rocks of the batholith west of the fault have only a moderate magnetic signature (figs. 7 and 11).

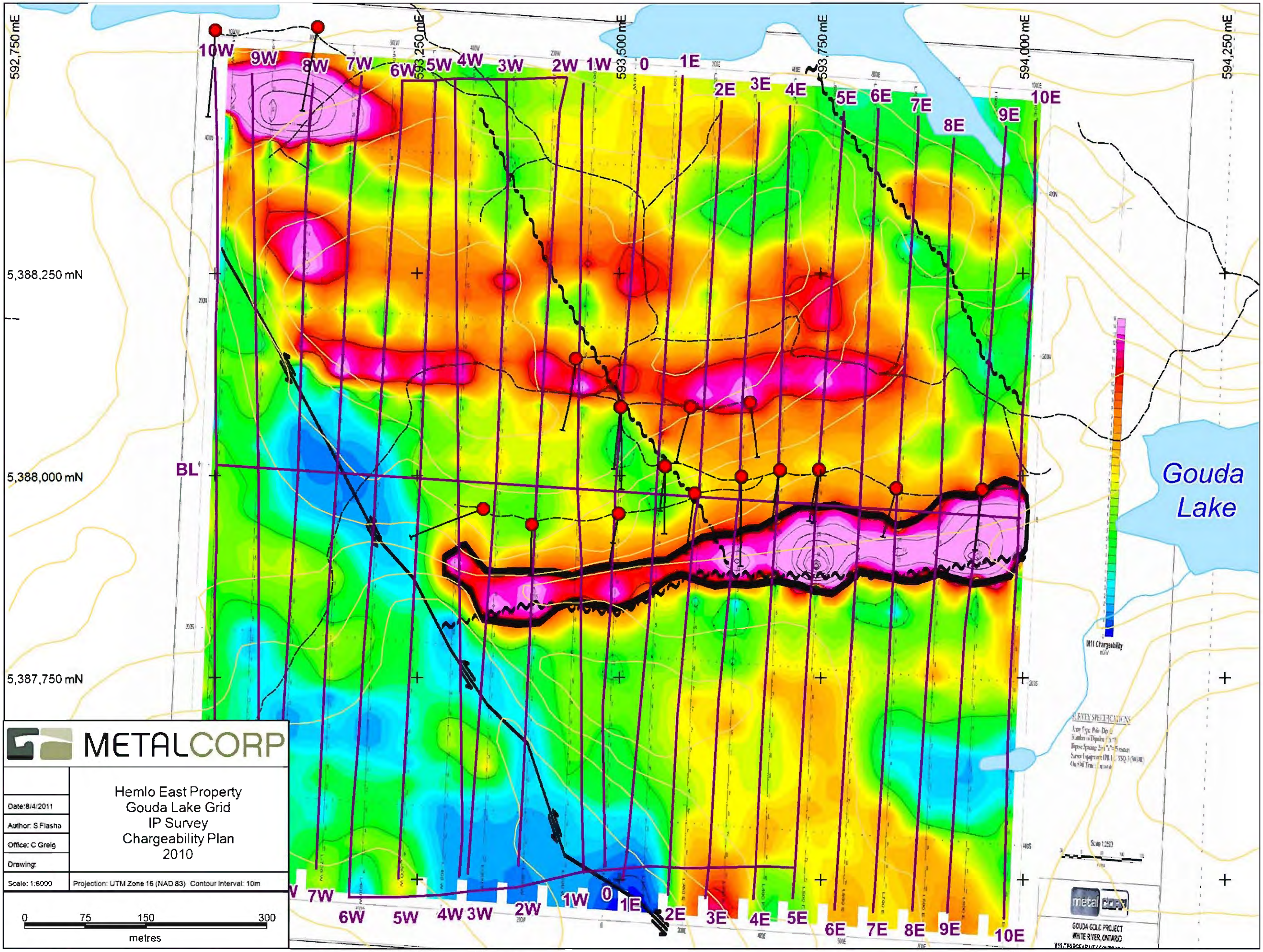


Figure 9. Colour contoured chargeability plan for the Gouda Lake grid, 2010, Hemlo East property.

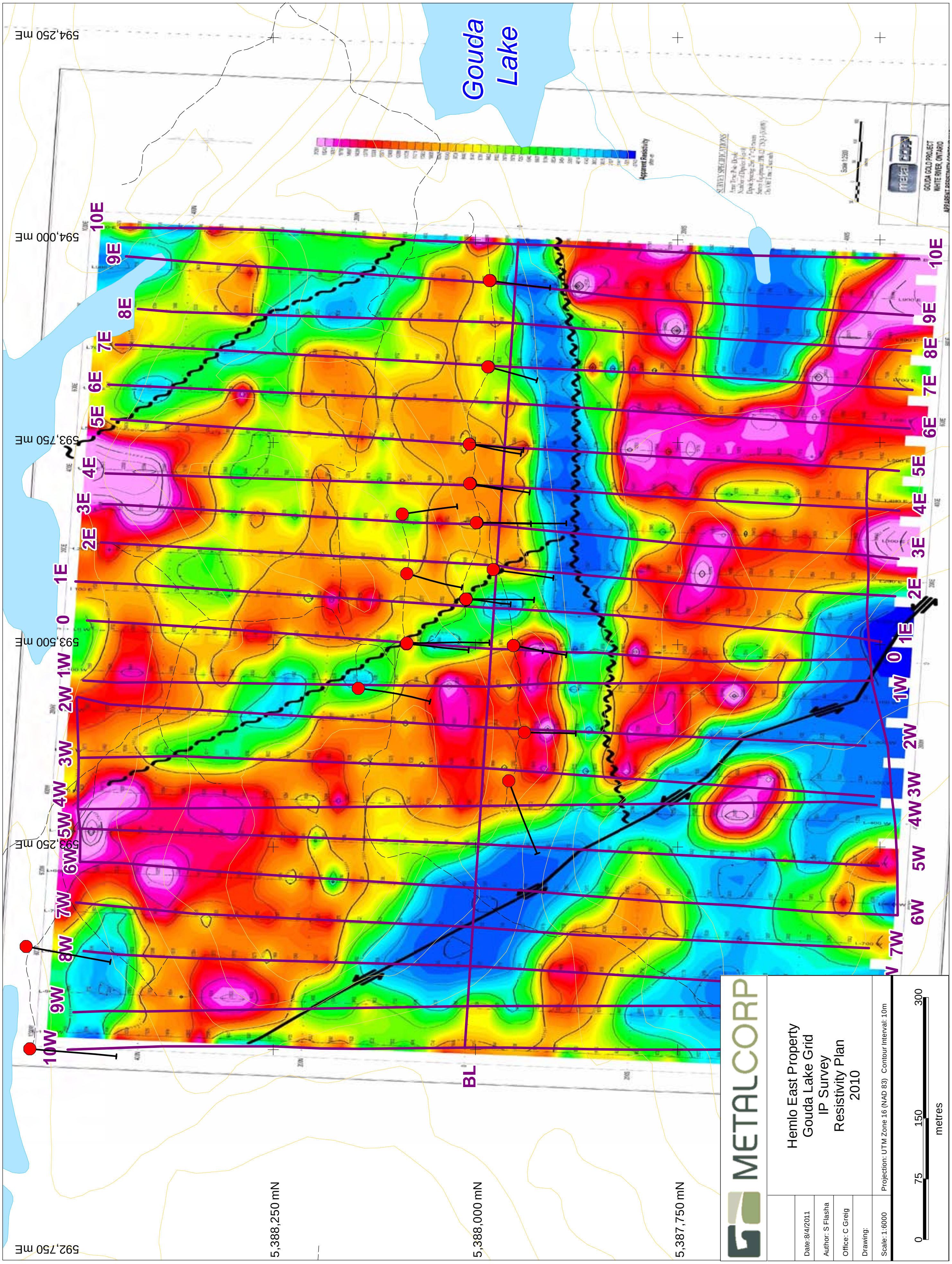


Figure 10. Colour contoured resistivity plan for the Gouda Lake grid, 2010, Hemlo East property.

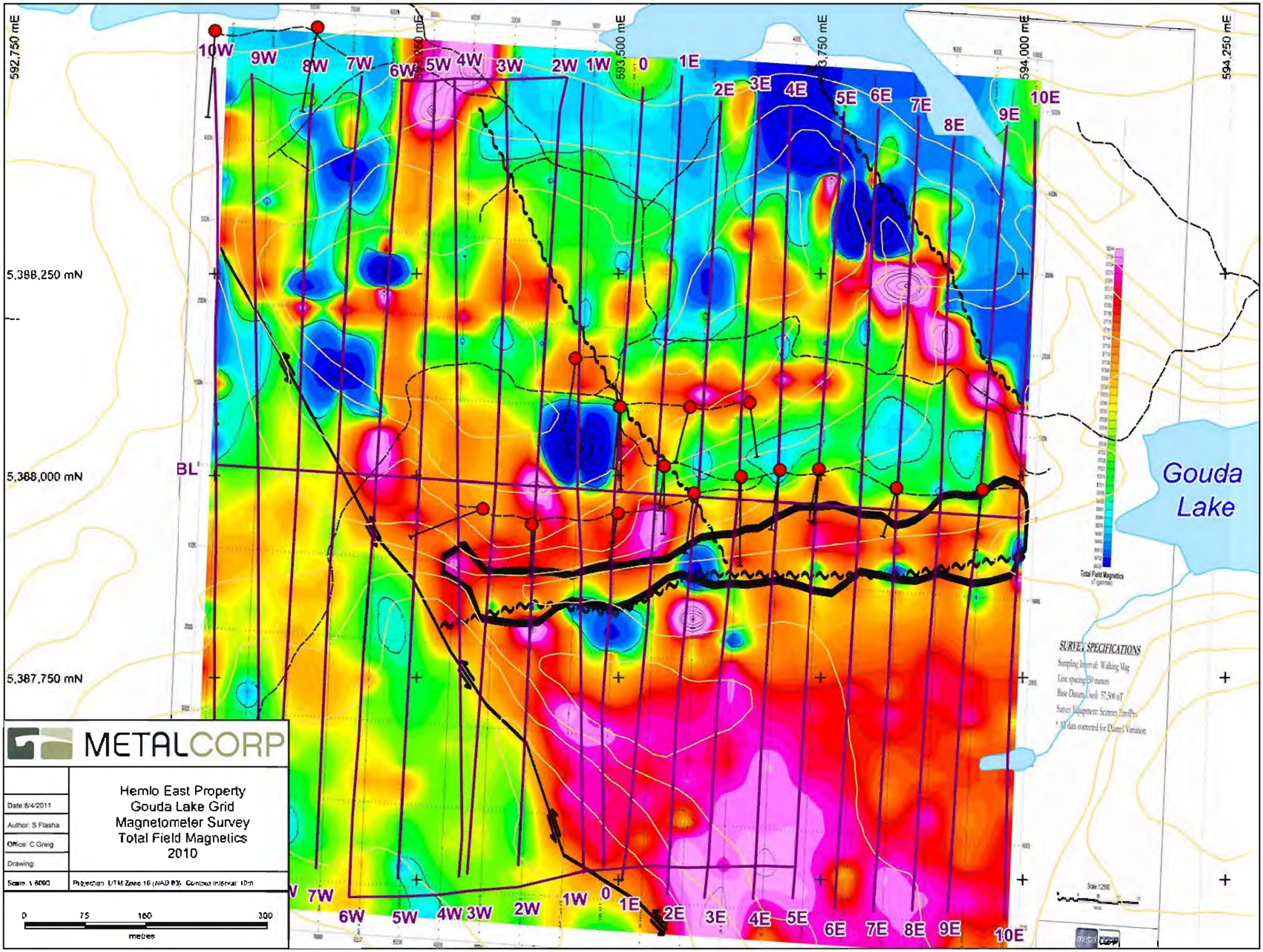


Figure 11. Colour contoured total field magnetics for the Gouda Lake grid, 2010, Hemlo East property.

10.0 Diamond Drill Program

In total, 29 holes and 3,650 m of core were drilled on the Python property between October 10th and November 9th, 2010. The diamond drill contractor, Full Force Diamond Drilling Ltd. of Peachland, BC, utilized NQ2 rods powered by a Hydracore hydraulic machine. A full service camp was established along the Domtar 700 road, near the access trail to the Gouda Lake grid (fig. 8). Poor trail conditions, due to local swamps and bogs, impeded access to the Gouda Lake zone (fig. 12), and as a consequence day-to-day access and re-supply was accomplished using two all terrain vehicles (ATV's), a Kawasaki Mule, and a Bombardier Muskeg. A D6 Cat and an excavator were used to mobilize and demobilize the equipment, and to build access trails and haul core at the end of the program (fig. 13).

The first 27 holes of the program targeted the Gouda Lake horizon and its contained Gouda Lake mineralized zone, the schistose Au-bearing white mica-rich felsic metavolcanic rocks first described by Lac Minerals, and marked by the well-defined coincident chargeability-magnetic anomaly outlined in MetalCorp's ground geophysical survey. The intent of the program was to reproduce and then expand upon the gold resource reported by Lac in the late 1980's, and to gain a better understanding of the nature and controls on mineralization making up the Gouda Lake zone resource. Holes HEGZ10-01 through 18, and hole HEGZ10-22, were collared along a fence approximately 70 to 100 metres back from the projected trace of the Gouda Lake horizon, with several of the holes collared beside old Lac drill collars. Holes HEGZ10-19 to 21, and holes HEGZ10-23 to 27 were collared farther north of the first fence, with the aim of testing the continuity of Gouda Lake zone mineralization down-dip. The last two holes drilled during the program, HEGZ10-28 and 29, targeted geophysical anomalies near the northwestern margin of the Gouda Lake grid.

Figure 12. Access trail to the Gouda Lake grid area, showing local swampy conditions, October, 2010.

Figure 13. D6 Cat and Bombadier Muskeg make their way along wet and muddy trail to Gouda Lake grid area, Hemlo East property, October 2010.

The drillcore was logged and sampled by Susan Flasha and Rachel Porteous at the MetalCorp drill camp. Drill logs, with lithologic descriptions and sample intervals, are given in Appendix II. A number of representative hand samples were collected from core and selected samples were described in thin section by Vancouver Petrographics (Appendices III and IV). A total of 568 samples were laid out, cut, and bagged on site, and were sent to ALS Minerals in Thunder Bay, Ontario for analysis; the results are listed in Appendix V. Core recovery measurements were made for all the drillholes, and the results are listed in Appendix VI. All of the core boxes were labelled with metal tags and at the end of the program, the core boxes were stacked on pallets, banded together, and then shipped to the MetalCorp office in Thunder Bay, Ontario for storage.

10.1 Downhole Lithologies

The lithologic units encountered in the Gouda Lake drill program were very consistent from hole-to-hole. This was the case not only in composition, but also in stratigraphic order and in thickness. Most of the holes were collared in biotite quartzofeldspathic schist-gneiss, the rocks which encompass the white mica-rich schist of the Gouda Lake horizon. Downhole, the biotite schist-gneiss is followed by a biotite amphibolite and then the Pukaskwa batholith. Drillholes collared farther north and farther up-section were collared in the Poker Chip Horizon or in another unit of biotite amphibolite. As mentioned above, all of the stratified rocks may be cut by younger felsic intrusions (feldspar porphyry or pegmatite) or Proterozoic diabase dykes. Detailed descriptions of the units are given below, and are based on observations made while logging core, by examination of thin sections, and by a small program of staining, where a number of representative hand samples were etched in hydrofluoric acid, and stained with sodium cobaltinitrate. This technique was employed in order to help distinguish among the main framework minerals in the rocks, namely potassium and plagioclase feldspars, and quartz. Complete drillhole logs and descriptions can be found in Appendix II, with full geochemical analyses in Appendix V.

10.1.1 Biotite Quartzofeldspathic Schist-Gneiss

Schistose to gneissose biotite quartzofeldspathic rocks form both the immediate hangingwall and footwall to the Gouda Lake horizon. The hangingwall schist-gneiss ranges up to approximately 155 metres in true thickness, while the footwall is much thinner, averaging only 10 or 11 metres in true thickness. The biotite schist-gneiss is typically a fine-grained, well foliated rock, and while generally characterized by the presence of mm-scale compositional layering outlined by variations in mafic (biotite +/- amphibole) vs. felsic (quartz and feldspar) components, the layering may in many places be poorly developed. Approximate overall compositions are: 5-15% biotite (locally up to 20%), 10-20% quartz, 2-15% potassium feldspar (locally up to 50%), 40-60% plagioclase and 1-20% amphibole (typically hornblende; figs. 14-15). Trace finely disseminated pyrite is found throughout, and up to 5% pyrite is encountered locally, typically in association with an increased abundance of biotite; unfortunately the pyritic sections do not appear to contain gold.

The schist-gneiss unit has been intruded locally by centimetre-scale to decimetre-scale poorly foliated feldspar porphyry dykes (described below), and contacts generally lie parallel to foliation in the host rocks. Centimetre-scale smoky quartz veins are also observed locally, and also typically lie along the foliation. Fine epidote veinlets are also found cutting the schist-gneiss, commonly in metre-scale zones, and are locally associated with isolated mm- to cm-scale blebs of epidote. In many cases, the epidote veinlets are associated with intervals which have an overall pink hue. Originally, potassium-feldspar alteration was assumed to be responsible for this ‘pinking,’ but staining with sodium cobaltinitrate indicates that fine dustings, probably of hematite(?), are a more likely cause (fig. 16).

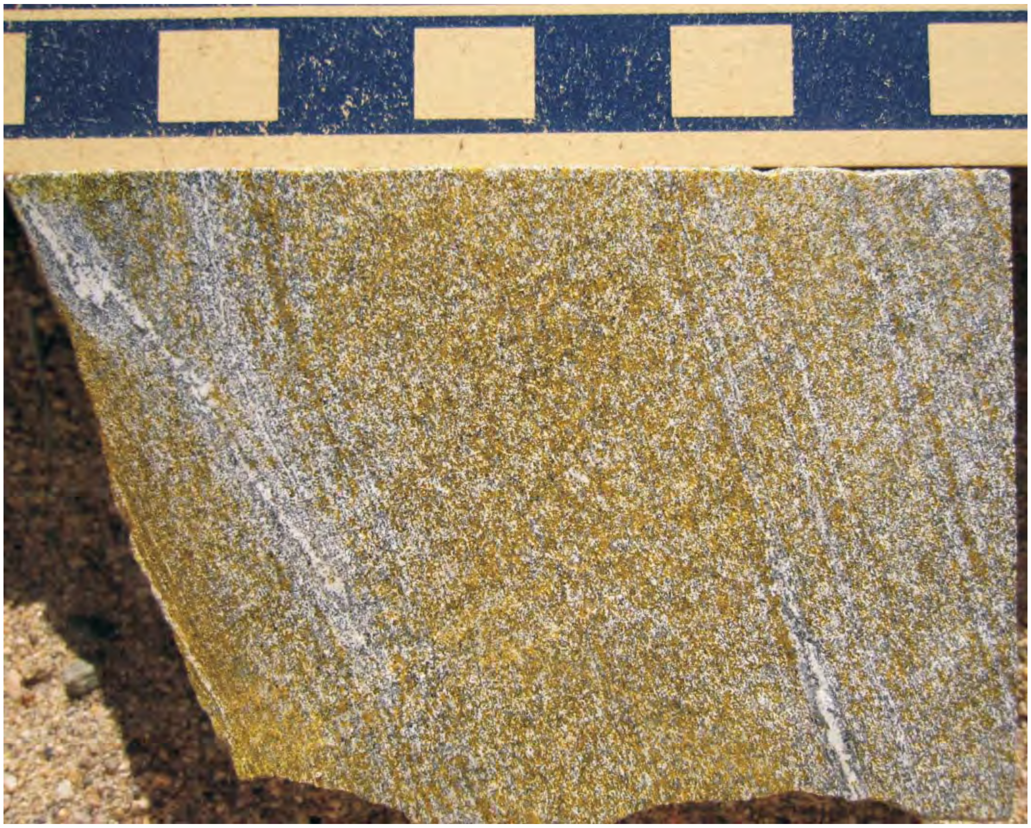


Figure 14. Cut, etched, and stained drillcore of biotite quartzofeldspathic schist-gneiss from HEGZ10-01 in the Gouda Lake area, showing locally elevated potassium-feldspar content; scalebar has 1cm gradients.

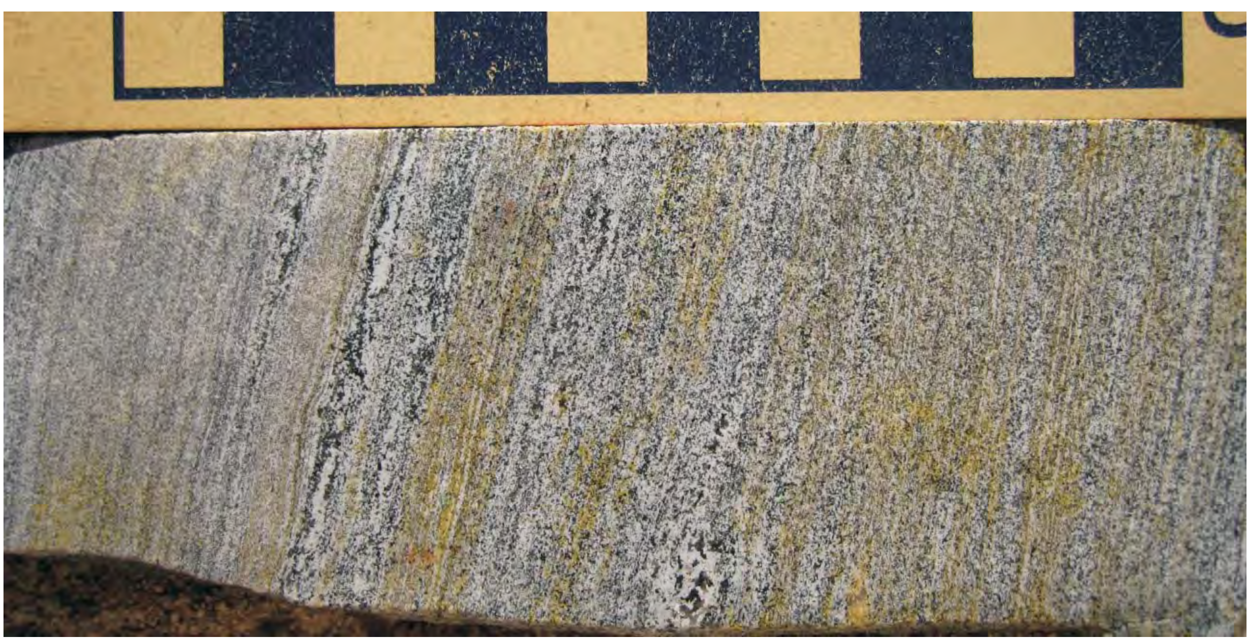


Figure 15. Cut, etched, and stained drillcore of biotite quartzofeldspathic schist-gneiss from HEGZ10-24, Gouda Lake area, Hemlo East property; scalebar has 1cm gradients.

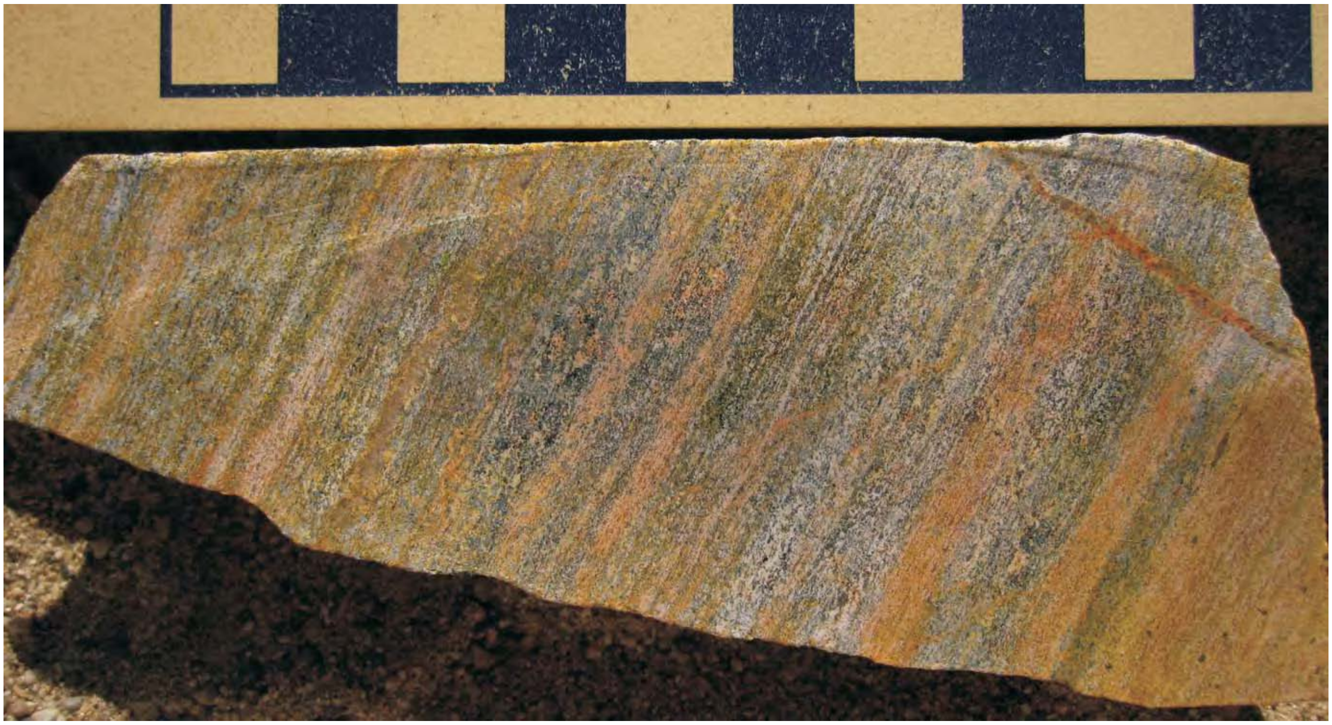


Figure 16. Cut, etched, and stained drillcore of biotite quartzofeldspathic schist-gneiss from HEGZ10-20. While this sample does show layers rich in potassium feldspar (strong yellow stain), it also demonstrates that the local pink colouration is not the result of potassic alteration (the "pinked" areas generally lack a pervasive yellow stain). "Pinking" is more likely from hematite dusting; scalebar has 1cm gradients.

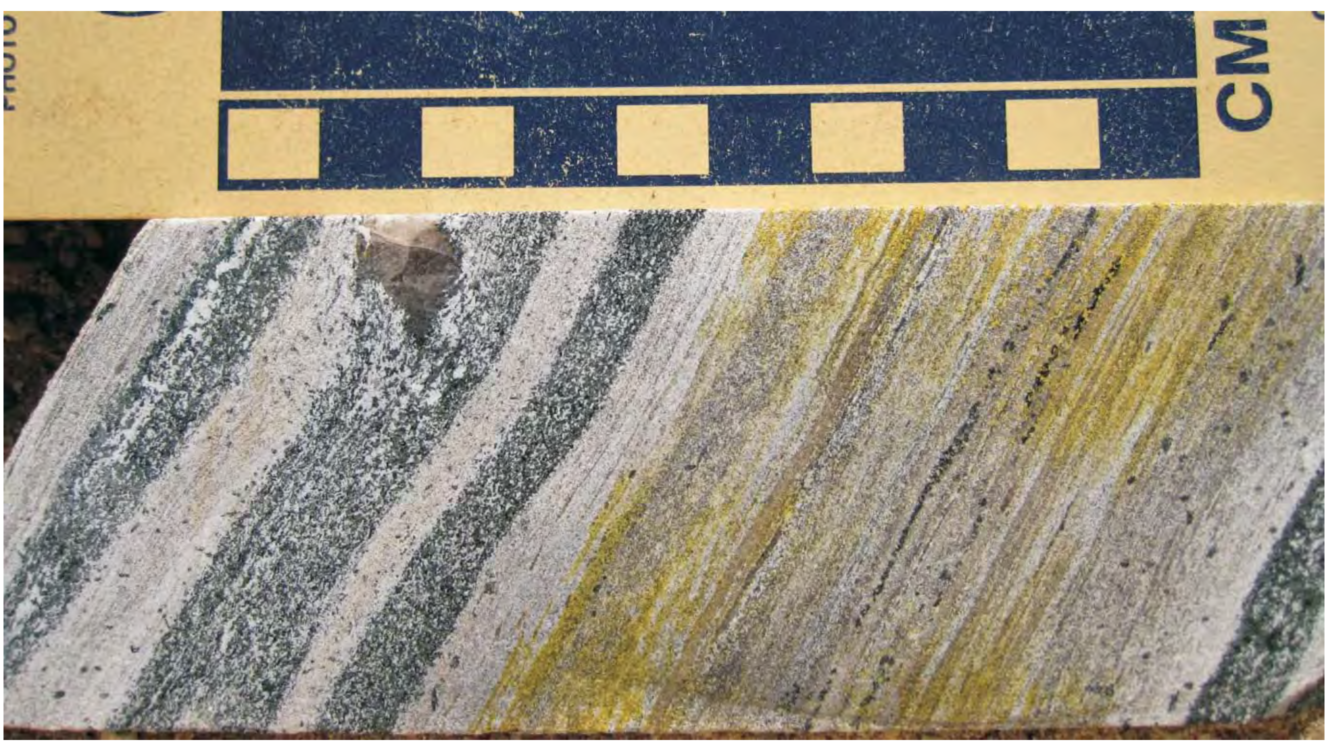


Figure 17. Cut, etched, and stained drillcore of biotite quartzofeldspathic schist-gneiss from HEGZ10-20. Note the very well defined cm-scale compositional layering on the left, and variably potassium-feldspar rich layers to right.

The biotite schist-gneiss locally contains medium-grained, dark red coloured garnets (rare to 10%). They are associated with an increase in pyrite (1-2%), and in places, pyrrhotite (up to 1%). The garnetiferous rocks typically occur in a 2 to 3 metre thick section immediately uphole from the Gouda Lake horizon. Immediately downhole of the Gouda Lake horizon, in a section ranging in thickness between one and three metres, the biotite schist-gneiss displays very well-developed mm- to cm-scale compositional layering, with contrasting bands of biotite+amphibole and quartz+feldspar (fig. 17). Although it is difficult to say with certainty, a sedimentary protolith for the schist-gneiss unit is favoured, and this has been the interpretation of most previous workers in the Gouda Lake area.

10.1.2 Gouda Lake Horizon: Pyrite Biotite Quartz White Mica Schist

The pyritic biotite quartz white mica schist that is known as the Gouda Lake horizon is host to all the known gold mineralization on this part of the property. The schist varies between 12 and 18 metres in true thickness, and is generally found near the base (downhole side) of the schist-gneiss unit. The protolith for the schist has been interpreted to be a felsic volcanic rock (Guthrie 1985, Shevchenko 1995).

The schist is very fine- to fine-grained, well-foliated, and typically displays mm- to cm-scale compositional layering. Locally it contains a dark coloured amphibole (hornblende) as well as pale coloured variety, likely tremolite. The amphiboles are acicular, aligned with the foliation, and are not generally abundant, making up less than 3% of the mode. Texture and composition vary slightly from the top to bottom of the Gouda Lake horizon, and the variations appear to be fairly consistent. The upper ~10 m is generally quite homogeneous, with trace pyrite, 20-30% plagioclase, 10-30% quartz, local amphibole (colourless tremolite), and approximately 50% mica (fig. 18). The mica appears to be predominantly muscovite, but phlogopite and biotite are also

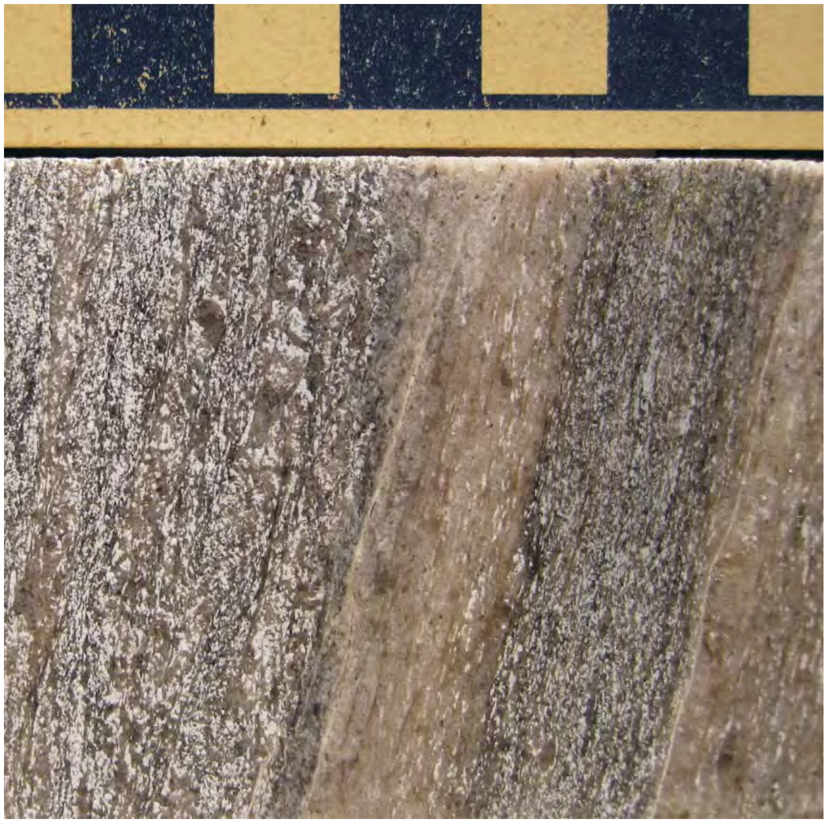


Figure 18. Cut, etched, and stained drillcore of a specimen typical of the biotite white mica schist of the upper 10 metres of the Gouda Lake horizon; HEGZ10-20, Gouda Lake area, Hemlo East property.

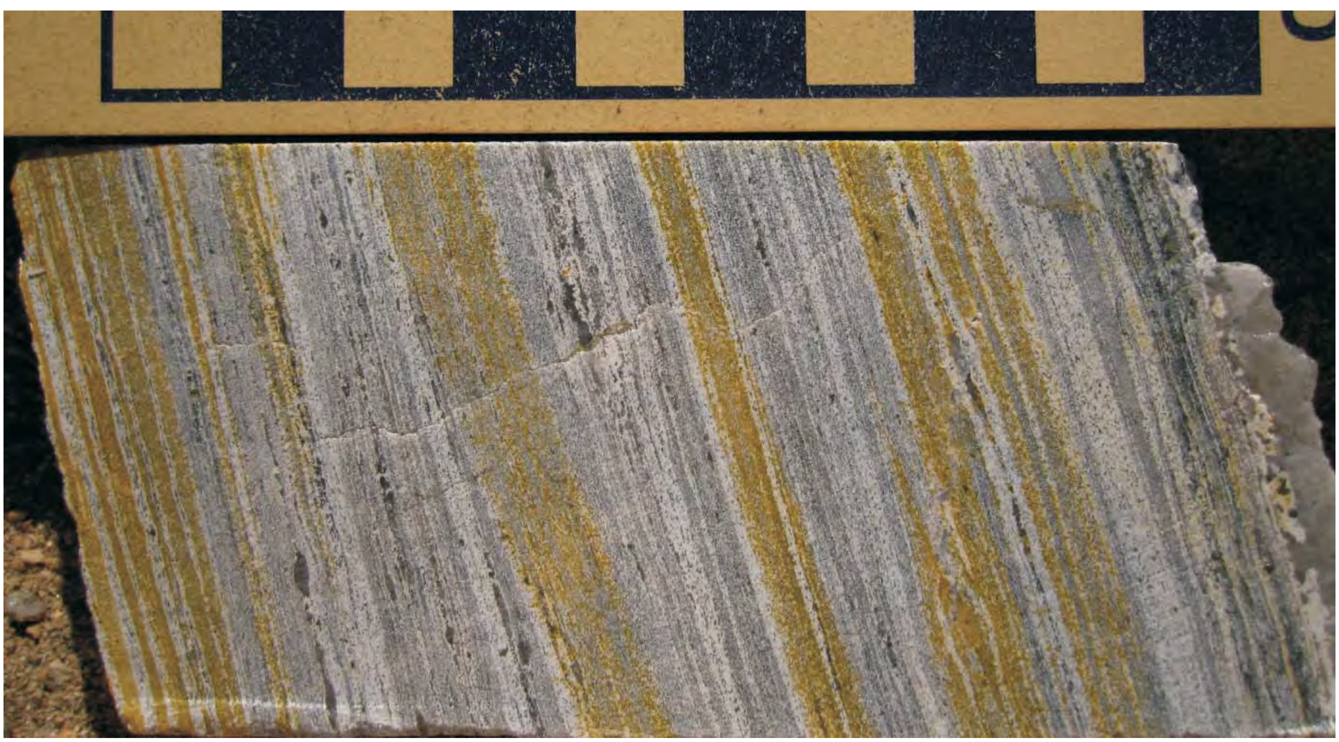


Figure 19. Cut, etched, and stained drillcore of well-layered white mica schist of the Gouda Lake horizon; drillhole HEGZ10-16, Gouda Lake area, Hemlo East property; note the common potassium-feldspar bearing layers.

present. Alternating compositional layers consist mainly of white mica+quartz+tremolite and biotite/phlogopite+plagioclase, with light-to medium grey and medium-grey-burgundy colours respectively. Medium-grained, lens-shaped quartz grains, less than 1cm in long dimension, are aligned with long dimensions parallel to the foliation, and vary in abundance from rare to 10%. Fine-grained foliated or flattened pyrite aggregates(?) commonly occur within biotite-rich layers, whereas fine- to medium-grained pyrite cubes are dispersed throughout the schist, and do not appear to be associated with biotite. One variation noted was that the uppermost metre of the schist may locally be relatively hard, competent, and a very light grey colour. This variety is also finer-grained, appears to contain less mica (typically only 10%), and may host potassium feldspar-rich layers (fig. 19).

The gold-bearing part of the Gouda Lake horizon is without exception located in the lower 1 to 6 metres of the schist. The mineralized zone, referred to herein as the Gouda Lake mineralized zone or Gouda Lake gold mineralized zone, is also host to associated Ag and Zn, with lesser Pb and Cu. The grades and thicknesses of the zone are highly variable, even across short distances. When present, mineralization occurs as fine- to medium-grained disseminated pyrite and sphalerite (fig. 20) or coarse-grained massive pyrite with associated sphalerite, galena, pyrrhotite, and chalcopyrite (fig. 21). The disseminated mineralization is typically foliated and occurs in layers which alternate with layers of massive to semi-massive sulphide on a dcm-scale. Etched and stained sections of the foliated, disseminated pyrite zones indicate that the main constituents, aside from the sulphides, are quartz and muscovite, while potassium-feldspar and plagioclase are only locally present, with local abundances of each ranging up to 5%. Petrography (section GZHS14, Appendix IV) reveals that minor mineral phases include tremolite, sericite, chlorite, and rutile. A thin section of the massive

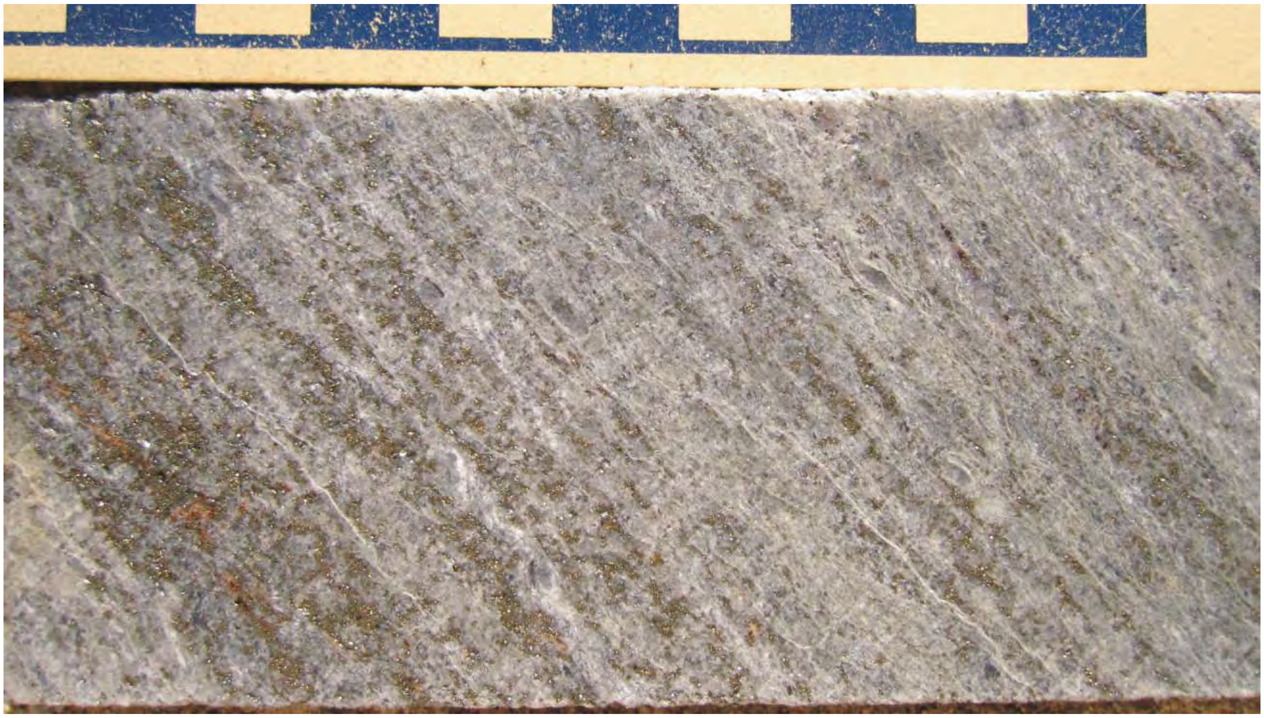


Figure 20. Cut, etched, and stained drillcore of foliated pyrite- and sphalerite- bearing section from the Gouda Lake mineralized zone; drillhole HEGZ10-20; this section graded 11.4 g/t Au, 253 g/t Ag, and 0.83% Zn over 1.5m; Gouda Lake area, Hemlo East property.

Figure 21. Gouda Lake zone drillcore from drillhole HEGZ10-19, showing the contact between pyritic white mica schist and massive pyrite-sphalerite-galena (trace); this section graded 0.245 g/t Au, 50.1 g/t Ag, 0.4% Pb, and 3.08% Zn over 1.5 m; Gouda Lake area, Hemlo East property.

sulphides identified associated chlorite (2-3%), quartz, and local tetrahedrite/tennantite (Sample 16-4; Appendix IV).

Commonly located between the upper homogeneous and more mica-rich layer and the Gouda Lake mineralized zone near the base of the Gouda Lake horizon, is a 2 to 3 metre thick, light grey, fine-grained, white mica and talc(?)-bearing layer which contains 1-2% pyrite and local medium-grained quartz grains (quartz eyes). Competency of this layer is highly variable, and it varies from very 'friable,' to soft and crumbly, to hard and compact. When more friable, it has commonly been crenulated by micro folds which fold the well-developed foliation within it (fig. 22).

10.1.3 Mesocratic to Melanocratic Biotite Amphibolite

A generally dark-coloured biotite amphibolite sits immediately below the biotite schist-gneiss in the footwall of the Gouda Lake horizon, and in contact below with granitoid rocks of the Pukaskwa batholith. The lower amphibolite has a true thickness of approximately 35 metres, is fine-grained, well foliated, and commonly contains a mm-scale compositional layering defined mainly by variations in the abundances of biotite and amphibole. On average, over 60% of the rock consists of hornblende, with up to 40% biotite and generally only local plagioclase feldspar. Stained and etched samples also show the presence of potassium-feldspar, with up to 20% occurring locally. Approximately 1% pyrite is distributed throughout the amphibolite, but analytical work suggests it is not gold-bearing. In several drillholes, the amphibolite was observed to have been intruded by a number of foliated granite dykes about five metres below the contact with the overlying biotite quartzofeldspathic schist-gneiss. At this level, the dykes are found consistently across an interval of between 5 and 10 metres, with 4 to 7 dykes per metre. The individual dykes range in thickness from 1 to 30 cm, but are typically less than 10 cm thick. Their contacts typically lie parallel with the foliation in the surrounding rocks.

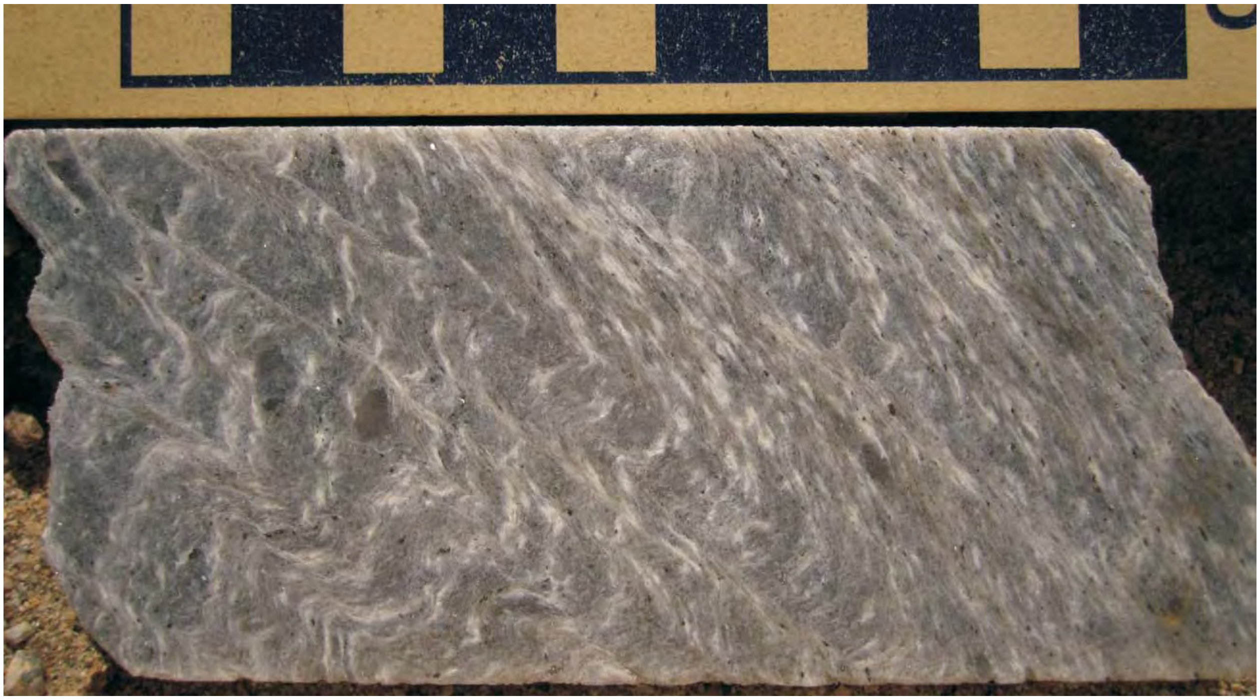


Figure 22. Cut, etched, and stained drillcore of felsic white mica schist (note scattered darker-coloured quartz eyes) of the Gouda Lake horizon, showing crenulation folds and cleavage; drillhole HEGZ10-15, Gouda Lake area, Hemlo East property.

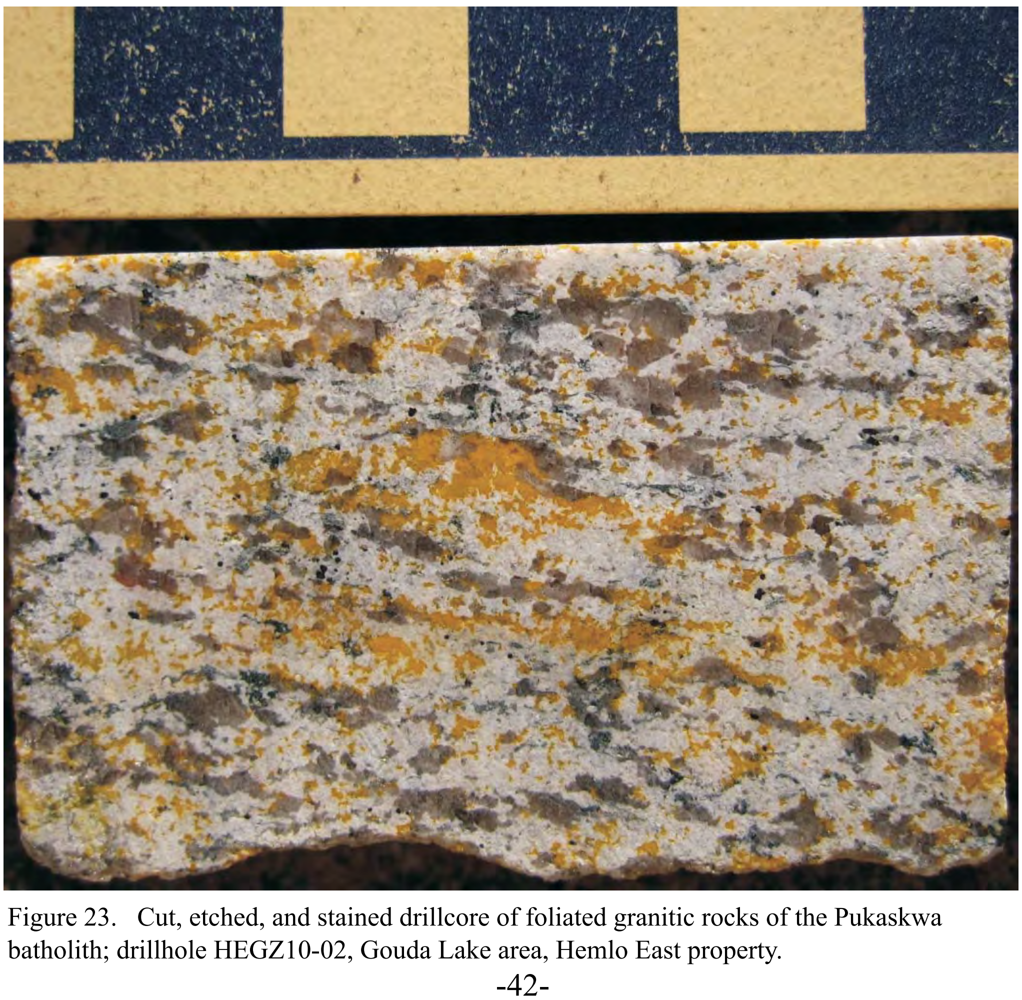


Figure 23. Cut, etched, and stained drillcore of foliated granitic rocks of the Pukaskwa batholith; drillhole HEGZ10-02, Gouda Lake area, Hemlo East property.

10.1.4 Poker Chip Horizon - Mafic Lapilli Tuff

The Poker Chip horizon was only intersected in the upper 17 metres of drillhole HEGZ10-26, and as such descriptions are based on observations from the one hole, and on descriptions by Fage (2011). The Poker Chip unit, because of its very distinctive appearance, is quite reasonably interpreted as a lapilli tuff, with lapilli of variable sizes (3-20 mm) consisting almost entirely of plagioclase, which are hosted in very fine-grained to aphanitic amphibole-rich groundmass, in which the amphibole is intergrown with approximately 25% plagioclase and 5% biotite. The white plagioclase lapilli, from which the Poker Chip name is derived, vary in shape as well as size, with lapilli ranging from well-rounded to flattened (well-foliated). Locally there are dcm-scale intervals which do not include the 'Poker Chip' plagioclase-rich lapilli. In those cases the rock is very dark green to black, and it typically hosts a very well-developed foliation on the millimetre scale. The unit hosts no obvious mineralization.

10.1.5 Pukaskwa Batholith

The Pukaskwa batholith, also known as the Pukaskwa gneiss or the Pukaskwa Intrusive Complex, is a medium-grained foliated granite or granitic orthogneiss, which in the area drilled is in contact with the base of the lower biotite amphibolite. Plagioclase is the dominant mineral (50%) with 30% quartz, 20% potassium feldspar, and trace biotite and amphibole (fig. 23). Fage's (2011) work suggests less potassium feldspar and generally a tonalite-granodiorite composition. Centimetre-scale smoky quartz veins and pegmatites are commonly present within the Pukaskwa rocks, and generally lie parallel with the foliation. Both the veins and pegmatites contain associated blebs of pyrite and local molybdenite, although none were found to yield significant gold. Intersections of the contact of the batholithic rocks in drillholes across the Gouda Lake area indicate that the contact dips northward at approximately 35°.

10.1.6 Diabase Dykes

Several drillholes intersected metre-scale diabase dykes. The dykes are fine- to medium-grained, massive, dark grey-blue in colour, non-foliated, and variably magnetic (weak to strong). The dykes are composed primarily of plagioclase and pyroxene. Contacts of a number of the dykes are marked by broken and crumbly core, and as a consequence the orientation of contacts relative to the core were difficult to determine. This was unfortunate because in a number of holes the dykes were intersected at the approximate target depth of the Gouda Lake zone mineralization, so more information regarding their geometries would have been valuable.

10.2 Drillhole Summaries

10.2.1 HEGZ10-01

Hole HEGZ10-01 was collared 3 metres west of what was rumoured to be Lac Minerals' best hole, hole N-13-4, and was drilled, in part, to gain an understanding of what most well-mineralized parts of the zone consisted of (fig. 24). Hole HEGZ10-01 was drilled at -45^{o} due south (180^{o}), from Line 3+00E, 0+30N on the Gouda Lake grid (fig. 24). The hole tested the well-developed east-west trending IP chargeability anomaly, which marks the surface trace of the Gouda Lake horizon quartz pyrite-white mica schist (fig. 9).

HEGZ10-01 intersected the Au mineralized zone between 80.05 and 87.04 m, near the base of an 18.60 m thick section of white mica schist. What was somewhat surprising to MetalCorp was the fact that the massive sulphides in the gold mineralized zone actually included significant silver, lead and zinc, and not simply gold. Grades in hole HEGZ10-01 averaged 0.76 g/t Au, 42.2 g/t Ag, 0.13% Pb, and 0.97% Zn, over 5.54 m (fig. 25). This equates to a gold equivalent value of 2.14 g/t over a 5.7 m true width. The mineralization itself consists mainly of coarse-grained massive pyrite with minor fine- to medium-grained sphalerite and galena. Samples were collected across the entire

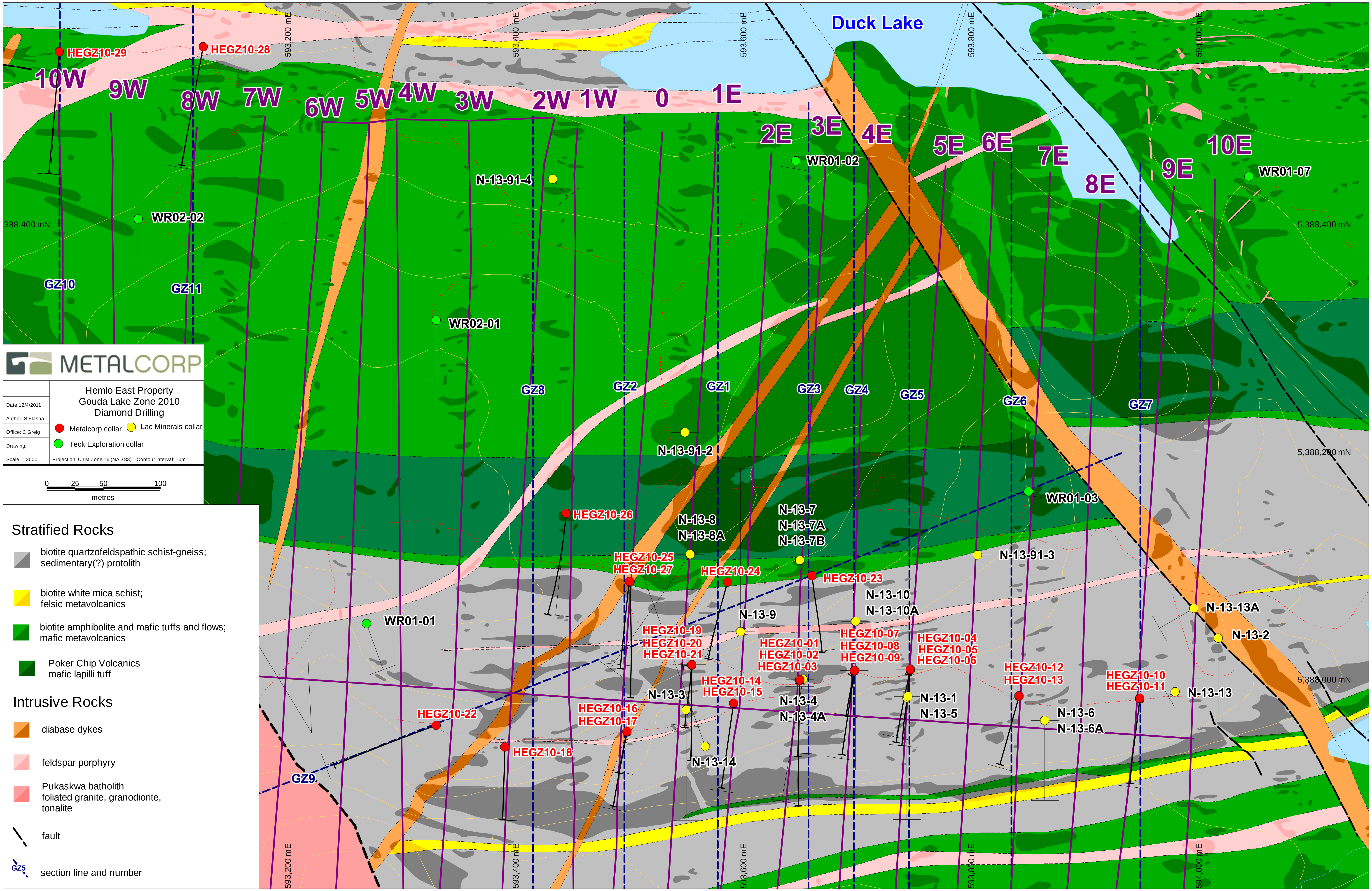


Figure 24. Geology of the Gouda Lake grid, showing locations of cross-section lines for following figures, along with diamond drillhole collar locations, Hemlo East property.

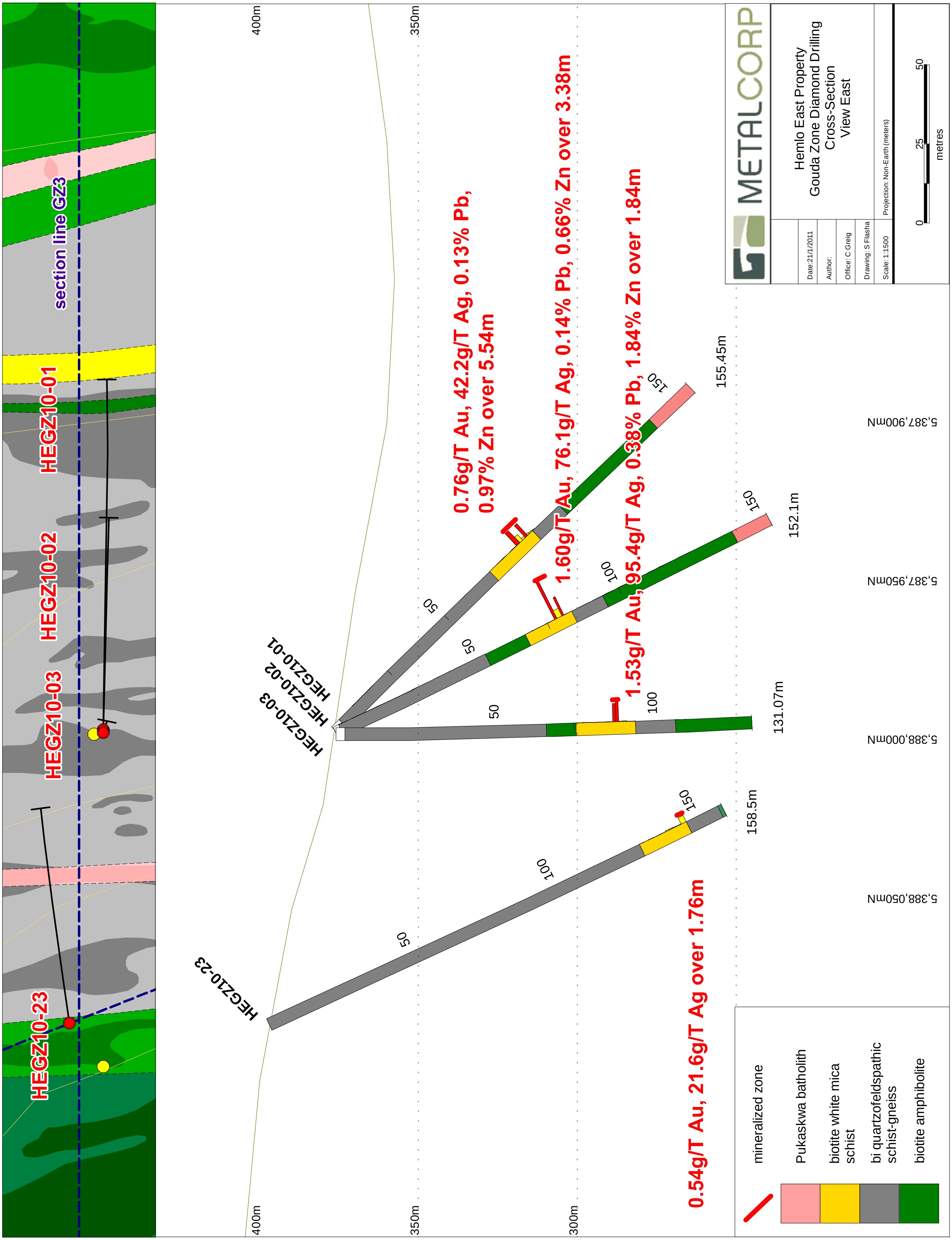


Figure 25. Cross-section GZ3 (see fig. 24 for location), showing drillholes HEGZ10-01, 02, 03, and 23 at the first and 11th drill setups; view is to east, and shows lithologies and significant intersections; Gouda Lake grid area, Hemlo East property.

section of white mica-bearing rocks of the Gouda Lake horizon, with many of the samples from the upper limits of the schist (69.83 - 81.50 m) returning gold values below detection, and with the highest value being only 30 ppb Au.

Uphole from the Gouda Lake horizon is a fine-grained, well-foliated biotite quartzfeldspathic schist-gneiss with mm-scale compositional layering, while downhole the rocks are very similar aside from the fact that they are very well layered immediately below the Gouda Lake horizon contact, with compositional layers up to 5 cm thick that alternate between more amphibole+biotite-rich and quartz+feldspar-rich. The biotitic schist-gneiss rocks both above and below the Gouda Lake horizon are host to trace disseminated pyrite, with local pyrite layers and blebs comprising up to 2% by volume. The footwall quartzofeldspathic schist-gneiss is followed downhole by almost 40 metres of a very fine- to fine-grained, well-foliated, mesocratic to melanocratic biotite amphibolite (fig. 25).

Drillhole HEGZ10-01 was drilled to a total depth of 155.45 m, which was well into the Pukaskwa batholith, mainly to evaluate the potential of the intrusion to host mineralization (fig. 25). While the granitic rocks contain trace to 1% pyrite, and local molybdenite does occur within some quartz veins and pegmatite dykes, continuous sampling through the interval shows that no gold is associated with the sulphide (see Appendix IV and section 10.6). Pyrite-bearing sections of the upper biotite schist-gneiss were sampled as well, but no significant assays were returned.

10.2.2 HEGZ10-02

Hole HEGZ10-02 was collared at the same setup as HEGZ10-01, at Line 3+00E, 0+30N, and was also drilled to the south, at an inclination of -65° (fig. 24). The purpose of the hole was to test the down-dip continuity of the Gouda Lake zone mineralization intersected in HEGZ10-01. HEGZ10-02 intersected the mineralized zone between 77.50 and 80.95 m, which was again located near the base of the white mica schist of the Gouda Lake horizon (67.15 to 83.56 m). The zone returned 1.60 g/t Au, 76.1 g/t Ag, 0.14% Pb, and 0.66% Zn, over 3.38 m (3.4 g/t AuEq; fig. 25). The mineralized zone consists mainly of coarse-grained massive pyrite with 10% sphalerite and trace galena that is hosted in a medium to pale grey, fine-grained, well foliated, white mica schist containing minor quartz. The drillhole was drilled to a total depth of 152.10 m in order to once again intersect the Pukaskwa batholith. All sulphide-bearing rocks in this drillhole were sampled thoroughly but no significant assays were obtained outside of the Gouda Lake mineralized zone.

10.2.3 HEGZ10-03

Hole HEGZ10-03, the third hole collared at the first setup (fig. 24), was drilled vertically. HEGZ10-03 intersected the Gouda Lake zone between 86.98 and 94.32 metres downhole, again near the base of the Gouda Lake horizon pyrite quartz white mica schist (75.66 to 94.39 m; fig. 25). The zone returned 1.53 g/t Au, 95.4 g/t Ag, 0.38% Pb, and 1.23% Zn, over 1.84 m (4.13 g/t AuEq). The mineralized zone consisted mainly of coarse-grained semi-massive to massive sulphides, including up to 70% pyrite, 20% sphalerite, and 1% galena hosted in medium to pale grey, fine-grained, well foliated, white mica schist containing minor quartz. The hole was drilled to a total depth of 131.07 m, and bottomed in biotite amphibolite.

10.2.4 HEGZ10-04

Drillhole HEGZ10-04 was collared on Line 5E, 0+45N, approximately 25 m north of Lac Minerals' discovery hole N-13-1 (fig. 24). While MetalCorp did not have the downhole data for Lac's drillholes, it was known that N-13-1 and N-13-5 intersected significant gold mineralization and were included in the gold resource calculated by Lac for the Gouda Lake zone. Like the other drillholes in the area, the hole also tested the highest response of the east-west trending chargeability anomaly which coincides with the Gouda Lake zone (fig. 9). HEGZ10-04 intersected the mineralized zone between 78.27 and 81.77 m, again near the base of the Gouda Lake horizon white mica schist (62.40 to 84.90 m; fig. 26). Except for an increase in pyrrhotite, the mineralized zone was similar to those intersected in the three holes at the first setup, with semi-massive to massive sulphides (pyrite, pyrrhotite (up to 20%), sphalerite, and galena). Unfortunately, the gold grades were only weakly anomalous, and the zone returned only 0.049 g/t Au, with 21.5 g/t Ag, 0.23% Pb, and 2.4% Zn over 0.67 metres (fig. 26). Pyrite-bearing sections of the biotite schist-gneiss hosting the Gouda Lake horizon were also sampled along with the zone, but no significant assays were obtained. The hole was drilled to a total depth of 94.49 m, and bottomed in biotite amphibolite.

10.2.5 HEGZ10-05

Hole HEGZ10-05 was collared at the same setup as hole HEGZ10-04, on Line 5E, 0+45N, and was drilled to the south at an inclination of -65°; it targeted the Gouda Lake zone down-dip of hole HEGZ10-04 (figs. 24 and 26). HEGZ10-05 intersected the mineralized zone between 74.55 and 77.05 m, again near the base of the pyrite-quartz-white mica schist (60.89 to 77.28 m; fig. 26). The mineralized zone was similar to that intersected in hole HEGZ10-04, with intervals of semi-massive to massive pyrite and pyrrhotite with associated sphalerite. There is an abundance of pyrrhotite in this hole, with as much as 50% locally. Only 2% sphalerite is present locally and no galena was observed. The Gouda Lake horizon and mineralized zone were sampled in their entirety but no significant assays were obtained. The best intersection returned only 0.27 g/t Au, 1.4 ppm Ag, and 0.11% Zn.

10.2.6 HEGZ10-06

Hole HEGZ10-06 was the third hole collared at the second setup, on Line 5E, 0+45N (fig. 24). The objective in drilling this hole was again to continue down-dip on the Gouda Lake zone from

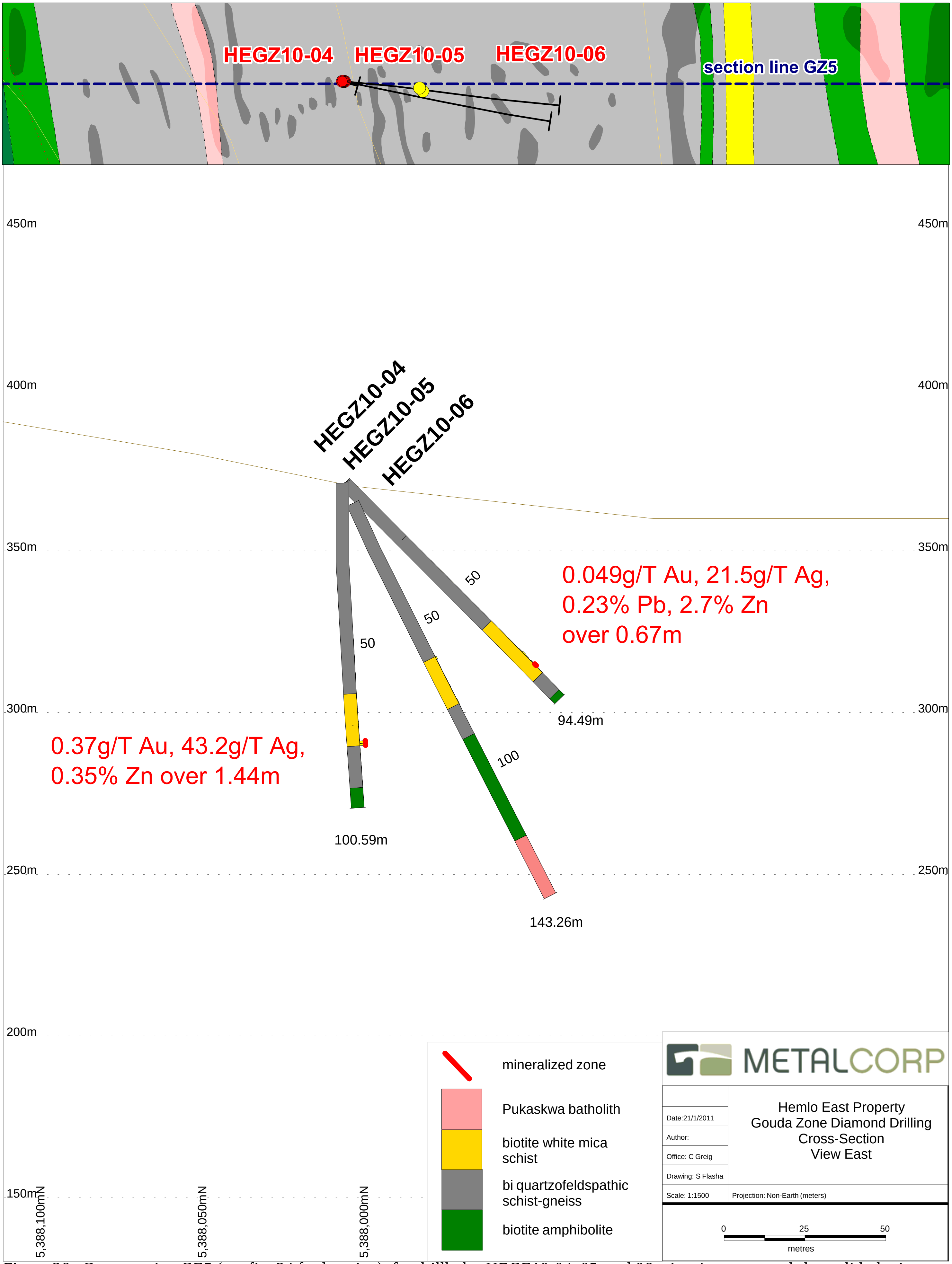


Figure 26. Cross-section GZ5 (see fig. 24 for location), for drillholes HEGZ10-04, 05, and 06; view is to east, and shows lithologies and significant intersections; Gouda Lake grid area, Hemlo East property.

holes HEGZ10-04 and 05. HEGZ10-06 intersected the mineralized zone between 74.55 and 77.05 m, and once again near the base of the Gouda Lake schist horizon (65.27 to 81.46 m; fig. 26). The mineralized zone was similar to those observed up-section, with layers of coarse-grained semi-massive to massive sulphides containing 40-50% pyrite, up to 25% pyrrhotite, and 5-10% sphalerite. The zone returned 0.37 g/t Au, 43.2 g/t Ag, and 0.35% Zn over 1.44 m. Unlike the holes from the first setup (fig. 25), the gold grades from the holes drilled on this section appear to increase marginally downhole, and Pb values are absent (fig. 26). As with other holes, pyrite-bearing layers hosted in biotite schist-gneiss above and below the Gouda Lake horizon were sampled, but returned no significant results.

10.2.7 HEGZ10-07

Hole HEGZ10-07 was collared on Line 4E, 0+40N, between the first two drill setups of the 2010 program, approximately 45 m south of Lac Minerals holes N-13-10 and N-13-10A (fig. 24). As with most of the holes in the program, the objective was to test the continuity and the grade of the Gouda Lake zone resource area, in this case between the two previous setups. HEGZ10-07 intersected sulphides near the base of the Gouda Lake horizon between 76.45 and 80.78 m (fig. 27). The mineralized zone is similar to those in holes at the first setup, with layers of semi-massive and massive sulphides, with pyrite as the main sulphide (up to 50%) and with associated pyrrhotite (up to 30%), sphalerite (15%), and galena (1%). Gold grades were higher than those in the holes from the second setup, and the zone returned 0.79 g/t Au, 62.7 g/t Ag, 0.21% Pb, and 1.27% Zn over 2.69 m. Three samples were also collected from quartz veins containing pyrite from the upper biotite schist-gneiss unit, but no significant values were returned. The hole was drilled to a total depth of 109.73 m, and bottomed in biotite amphibolite.

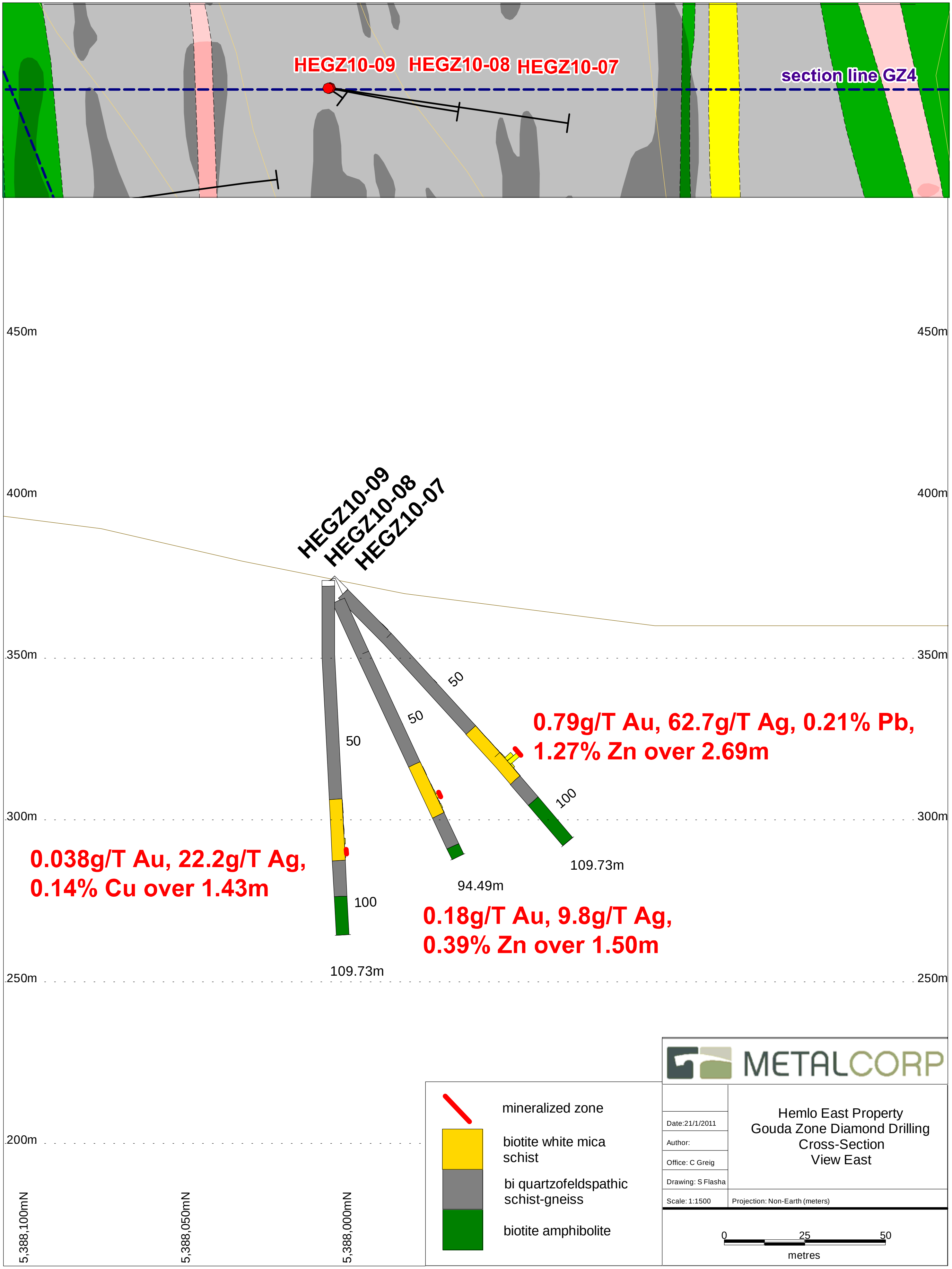


Figure 27. Cross-section GZ4 (see fig. 24 for location), showing drillholes HEGZ10-07, 08, and 09 at the third drill setup; view is to east, and shows lithologies and significant intersections; Gouda Lake grid area, Hemlo East property.

10.2.8 HEGZ10-08

HEGZ10-08 was also collared from the third setup, on Line 4E, 0+40N, and drilled at an inclination of -65º to test the continuity and grade of mineralization down-dip from hole HEGZ10-07 on the Gouda Lake mineralized zone (fig. 24). HEGZ10-08 intersected the mineralized zone between 77.50 and 80.95 m, near the base of the Gouda Lake schist horizon (62.83 to 80.27 m; fig. 27). Overall, this intersection of the mineralized zone was unimpressive, with only 35 cm of massive sulphides (50-60% pyrite, 15% pyrrhotite, and 5-10% sphalerite), while the surrounding rocks contain only 5 to 10% finely disseminated pyrite. This may be why the intersection returned only 0.18 g/t Au, 9.8 g/t Ag, and 0.39% Zn, over 1.5 m, with no significant Cu or Pb. Only the Gouda Lake horizon was sampled, as significant mineralization was not observed elsewhere in the hole. The hole bottomed in biotite amphibolite at a depth of 94.49 m (fig. 27).

10.2.9 HEGZ10-09

The ninth hole of the 2010 program, was a vertical hole, and like the seventh and eighth holes, was collared on Line 4E, 0+40N, at the third setup (fig. 24). The objective of this hole was to test the continuity and grade of the Gouda Lake mineralized zone down-dip from holes HEGZ10-07 and HEGZ0-08. Hole HEGZ10-09 intersected mineralization between 82.88 and 85.85 m, again near the base of the Gouda Lake horizon (67.68 to 86.64 m; fig. 27). The mineralized zone was relatively thin and included only 30 cm of semi-massive sulphides, with up to 20% pyrite and 30% pyrrhotite. A 15 cm section with pyrite stringer veins and 5% associated chalcopyrite occur with disseminated pyrite and pyrrhotite in a zone surrounding the semi-massive sulphides, but the total amount of sulphides in that section were only approximately 5% pyrite and 1% pyrrhotite, respectively. Unfortunately, even the semi-massive sulphide zone did not return appreciably elevated geochemical values, and the best intersection from the Gouda Lake mineralized zone in this hole, which was coincident with the pyrite-chalcopyrite stringer zone, returned only 0.038 g/t Au, 22.2 g/t Ag, and 0.14% Cu over 1.43 m. Only the Gouda Lake horizon was sampled. The hole bottomed in biotite amphibolite at a depth of 109.73 m (fig. 27).

10.2.10 HEGZ10-10

Hole HEGZ10-10 was drilled to the south at -45º, on Line 9E, 0+30N, which was the easternmost setup on the Gouda Lake grid (fig. 24). The objective for this hole was to test the Gouda Lake zone immediately east of where the Lac resource was presumed to lie. HEGZ10-10 also targeted a very strong chargeability response that was part of the east-west trending chargeability high that marks the Gouda Lake horizon. The Gouda Lake horizon was intersected between 38.32 and 55.16 metres (fig. 28). Interestingly, the mineralized zone is somewhat different in style and geochemical signature to other intersections, even though the geological setting is similar, with mineralization occurring near the base of the Gouda Lake horizon. The best sample (E562526) returned 9.11 g/t Au over 1.4 m. It contained only 5-10% pyrite and pyrrhotite, as fine disseminations and stringers, and yet the subsequent sample (E562527) contained almost continuous massive sulphide (52.90 - 54.10m), with 35% pyrite, 30-40% pyrrhotite, and up to 10% sphalerite, yet it yielded only 0.12 g/t Au. Overall, the mineralized zone averaged 4.40 g/t Au and 33.2 g/t Ag over 3.66 metres; no significant Cu, Pb, or Zn were returned (fig. 28). The intersection of massive sulphides and the common pyrrhotite adequately explained the strong chargeability high. The hole was drilled to a total depth of 106.68 m and the hole bottomed in rocks of the Pukaskwa batholith.

10.2.11 HEGZ10-11

Hole HEGZ10-11 was a vertical hole collared at the same location as HEGZ10-10, on Line 9E, 0+30N, to test down-dip on the Gouda Lake zone from hole HEGZ10-10 (fig. 24). HEGZ10-11

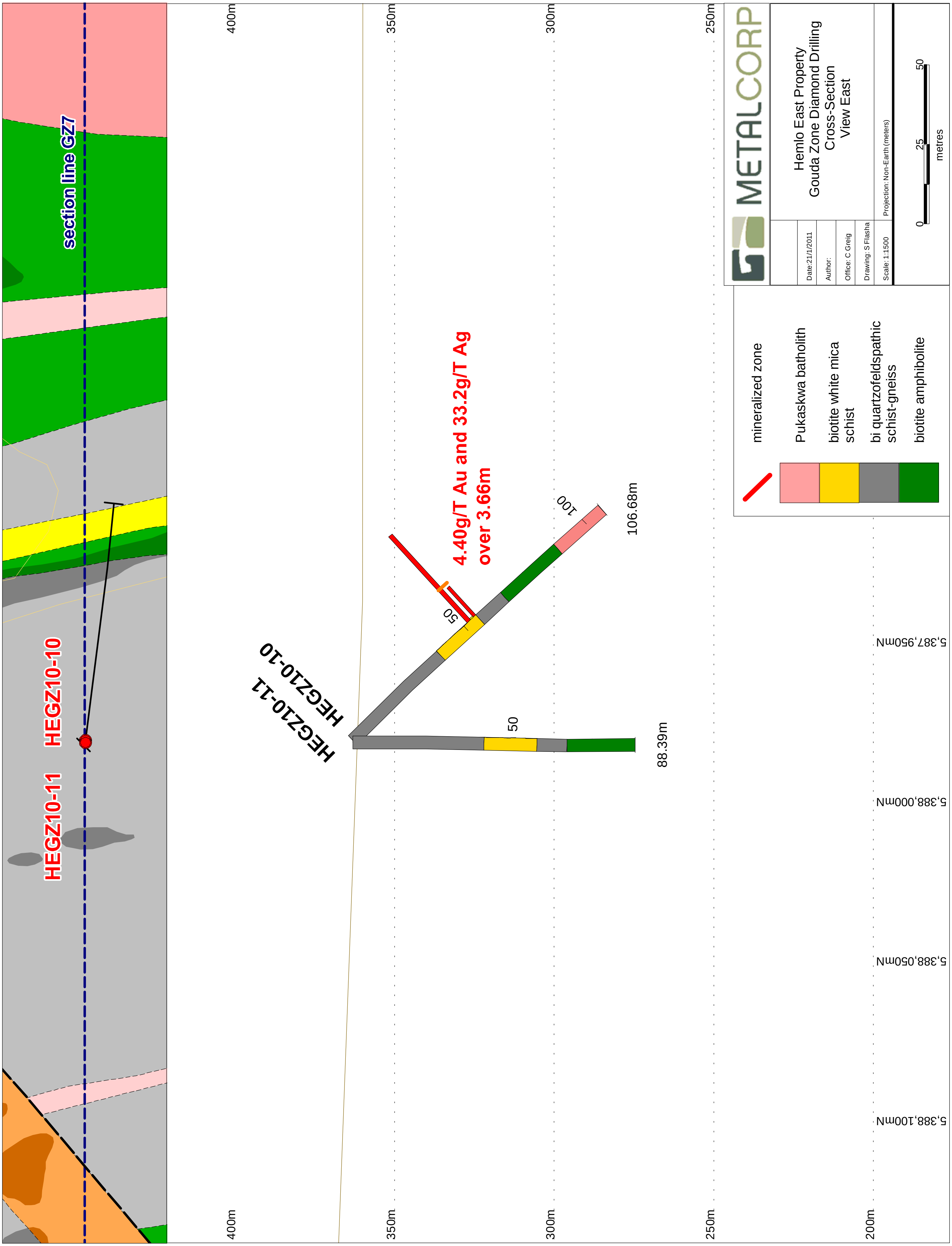


Figure 28. Cross-section GZ7 (see fig. 24 for location), showing drillholes HEGZ10-10 and 11 at the fourth setup; view is to the east, and shows lithologies and significant intersections; Gouda Lake grid area, Hemlo East property.

intersected the Gouda Lake horizon between 41.07 and 57.63 m and as was the case in the previous holes, the mineralization occurred near its base, between 54.01 and 57.79 m (fig. 28). As in hole HEGZ10-10, the mineralized zone was again different in style and geochemical signature from previous holes, but it was also quite unlike the mineralized interval up-dip in hole HEGZ10-10. In this hole, the Gouda Lake horizon is relatively poorly mineralized throughout, with only local thin zones containing 5-20% fine- to medium-grained disseminated pyrite. No pyrrhotite was observed, and none of the typically coarser-grained semi-massive to massive sulphide zones were present. Sphalerite, galena, and chalcopyrite were also absent. There are no significant assays of Au, Au, Cu, Pb, or Zn. Only the Gouda Lake horizon was sampled, and no other zones of significant mineralization were identified in the hole.

10.2.12 HEGZ10-12

HEGZ10-12 was drilled due south at -45º from Line 7E, 0+25N, between the second and fourth setups of the program (fig. 24). Again, the aim was to test the continuity and grade of mineralization in the Gouda Lake mineralized zone, where Lac's presumed gold resource lay. The setup is shown as being approximately 30 metres northwest of Lac's drillholes N-13-6 and 6A, although it should be noted that the casing for those particular collars was never located, and the logs and geochemical information were not available to MetalCorp (fig. 24). The white mica schist of the Gouda Lake horizon was intersected between 42.62 and 58.90 metres, and it hosted relatively minor sulphide mineralization between 52.64 and 58.90 metres (fig. 29). The zone therein included semi-massive pyrite (20-30%) and 1-2% sphalerite, between 57.18 and 58.32 metres, but the rest of the interval consisted of approximately 5% disseminated pyrite with local pyrrhotite and sphalerite ranging in abundance up to 1%. Unfortunately, no significant assays were obtained. Unlike in previous holes, a white mica schist similar to the Gouda Lake horizon was also intersected

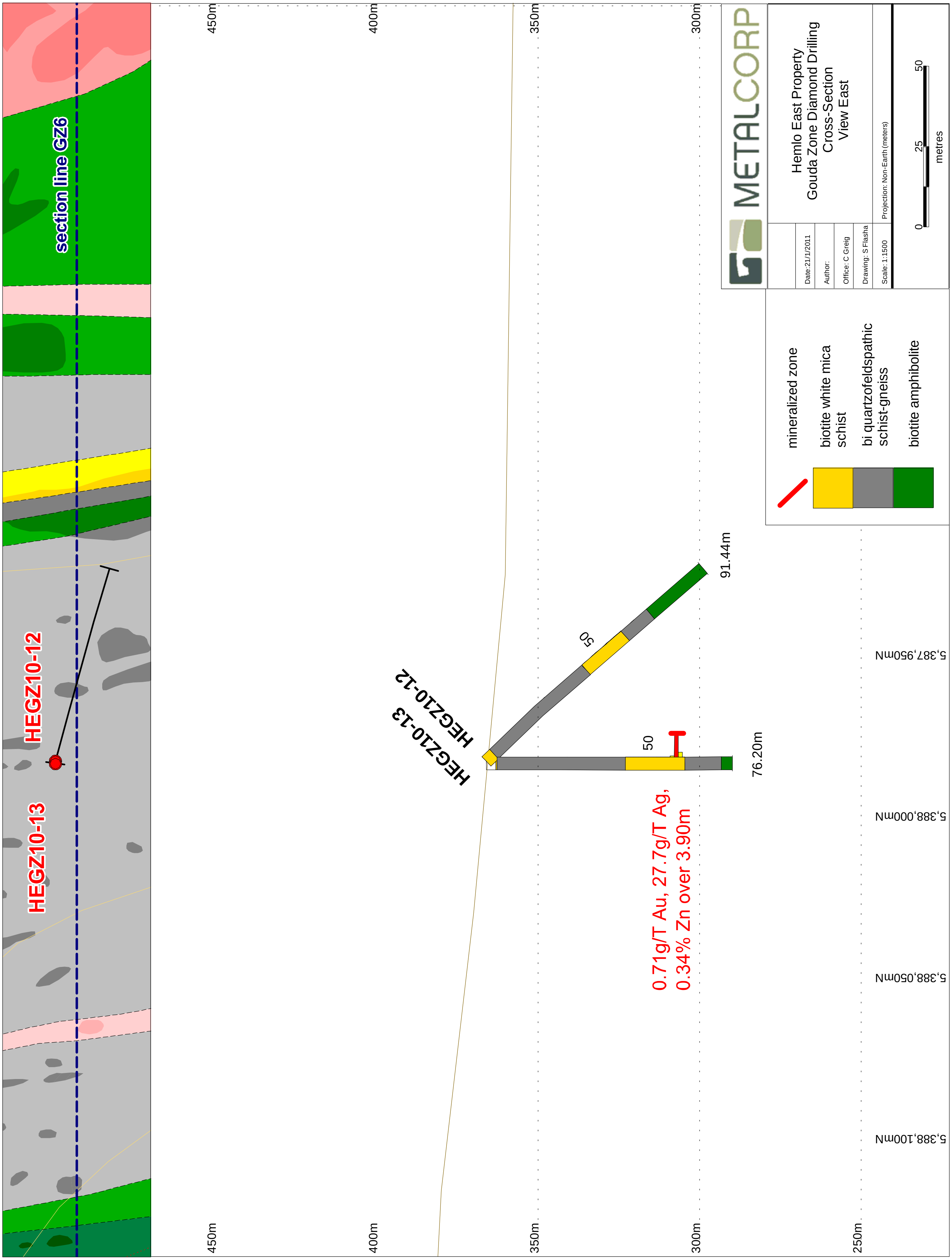


Figure 29. Cross-section GZ6 (see fig. 24 for location), showing drillholes HEGZ10-12, and 13 at the fifth setup; view is to the east, and shows lithologies and significant intersections; Gouda Lake grid area, Hemlo East property.

at the top of the hole (0.0 to 3.3 m; fig. 29). The upper schist unit included trace disseminated pyrite as cubes, but regrettably, no samples were collected for assay. The hole was stopped at 91.44 m in the biotite amphibolite.

10.2.13 HEGZ10-13

HEGZ10-13 was a vertical hole collared at the same setup as HEGZ10-12, yet again testing the down dip continuity of the Gouda Lake zone. The Gouda Lake horizon pyritic white mica schist was intersected between 43.05 and 61.39 m, with the best sulphide mineralization occurring between 56.81 and 60.71m, and the overall horizon across that interval (3.91 metres) grading 0.712 g/t Au, 27.7 g/t Ag, and 0.34% Zn (fig. 29). The best sample interval, 58.20 to 59.46 m, yielded 1.68 g/t Au and included two narrow intervals (less than 15 cm each) of semi-massive pyrite with associated sphalerite, galena, and local chalcopyrite. Outside of the semi-massive sulphides zones the mineralization consisted of approximately 2-5% fine-grained pyrite distributed throughout the quartz-rich schist. No pyrrhotite was observed. The following interval, from 59.46 to 60.71 m, included 85 cm of semi-massive to massive medium- and coarse-grained pyrite with minor sphalerite and galena, and while the sample only yielded 0.405 g/t Au, it did return 40.5 g/t Ag, 0.136% Pb, and 0.167% Zn. The results from this drillhole therefore suggest that the layers of more massive pyrite do not necessarily return the highest gold grades, but the immediately surrounding mineralized schists, which contain fine-grained “foliated” pyrite aggregates, do. As was the case with hole HEGZ10-12, the drillhole was collared in 3.27 m of white mica schist that was outwardly similar in appearance to the Gouda Lake horizon, although no sulphides were noted. HEGZ10-13 was drilled to a depth of 76.20 m (fig. 29). Only the Gouda Lake horizon was sampled as no other significant mineralization was intersected.

10.2.14 HEGZ10-14

The fourteenth hole of the program was collared a few metres northwest of Line 2E, where it crosses the baseline of the Gouda Lake grid, only 50 metres west of the first setup (fig. 24). HEGZ10-14 was drilled south at -45° to test the continuity and grade of the Gouda Lake zone west of Lac's discovery hole, and to drill across the northwest-trending fault interpreted from the geophysical responses (fig. 9). The Gouda Lake zone in this hole returned 0.80 m of 2.22 g/t Au, 388 g/t Ag, 0.11% Cu, 0.44% Pb, and 1.37% Zn from massive coarse-grained pyrite (80%), pyrrhotite (5%), sphalerite (1-2%), galena (tr-1%) and local chalcopyrite (79.45 to 80.25 m; fig. 30). An interval of fine-grained disseminated pyrite (35%), pyrrhotite (5%) with local sphalerite and galena immediately downhole also returned 0.432 g/t Au, 49.6 g/t Ag and 0.54% Zn over 1.75 m (80.25 to 82.00 m). As in other holes, this mineralized zone is situated at the base of the Gouda Lake horizon, which was intersected between 65.36 and 84.90 m (fig. 30). HEGZ10-14 continued to a depth of 109.73 m, bottoming in biotite amphibolite.

10.2.15 HEGZ10-15

Hole HEGZ10-15 was a vertical hole, collared from the same setup as HEGZ10-14, and like the previous holes, it was oriented to test the continuity and Au grade of the Gouda Lake zone (fig. 24). The mineralized zone intersected in HEGZ10-14 improved significantly at depth, and yielded 2.25 g/t Au, 98.3 g/t Ag, 0.23% Cu, and 1.10% Zn over 4.46 m (85.05 to 90.06 m); it included a 0.99 m interval with 6.23 g/t Au, 105 g/t Ag, and 2.0% Zn. Again, the zone was located at the base of the Gouda Lake horizon, which was intersected at a depth of between 70.14 and 89.78 m (fig. 30). Pyrite was the dominant sulphide in the Gouda Lake zone, and occurred as fine layers with up to 5-10% sphalerite, or as massive coarse-grained intervals (pyrite up to 60-80%) with associated sphalerite (<15%) and galena (<5%). At the very base of the mineralized interval, chalcopyrite and

Figure 30. Cross-section GZ1 (see fig. 24 for location), showing drillholes HEGZ10-14, 15, 19, 20, 21, and 24 at the sixth, ninth, and twelfth setups; view is to the east, and shows lithologies and significant intersections; Gouda Lake grid area, Hemlo East property.

pyrrhotite were also present. No further mineralized zones were intersected, and no zones apart from the Gouda Lake horizon were sampled. The hole was drilled to a depth of 94.49 m, bottoming in biotite schist-gneiss.

10.2.16 HEGZ10-16

HEGZ10-16 was drilled to the south at -45º, and was collared on Line 0, 0+30S (fig. 24). It was collared immediately south of the surface trace of a thin, northeast trending Proterozoic diabase dyke (fig. 24). The objective of this drillhole was to continue to test the continuity and grade of the Gouda Lake zone to the west.

Drillhole HEGZ10-16 returned one of the best gold intersections of the 2010 drill program, with 4.27 g/t Au, 39 g/t Ag, and 0.22% Zn over 6.5 m (75.0 to 81.5 m; fig. 31). The intersection also included the best individual gold assay of the program, a 1.25 m interval of 19.7 g/t Au, 155 g/t Ag, 0.15% Cu, and 1.05% Zn (76.50 to 77.75 m). This higher-grade Au zone included a 67 cm section of coarse-grained pyrite (up to 80%) with 10-15% sphalerite and pyrrhotite, and local chalcopyrite. No galena was noted, as might be expected with the low Pb values. HEGZ10-16 was drilled to a total depth of 97.54 metres, bottoming in the biotite amphibolite (fig. 31). No significant mineralization was noted outside of the Gouda Horizon.

10.2.17 HEGZ10-17

HEGZ10-17 was collared from the same setup as HEGZ10-16, and was drilled to the south at -65º in an attempt to intersect the gold mineralized Gouda Lake zone down-dip of hole HEGZ10-15 (figs. 24 and 31). A steeper hole, testing even farther down dip from HEGZ10-16, was considered too risky considering the proximity of the collar to the diabase dyke outcropping at surface nearby. Only two separate narrow gold-bearing intervals were intersected, the highest returning 1.10 g/t Au, 75.3 g/t Ag, 0.23% Pb, and 1.44% Zn over 0.4 m (75.80 to 76.20 m) from a layer of 80%

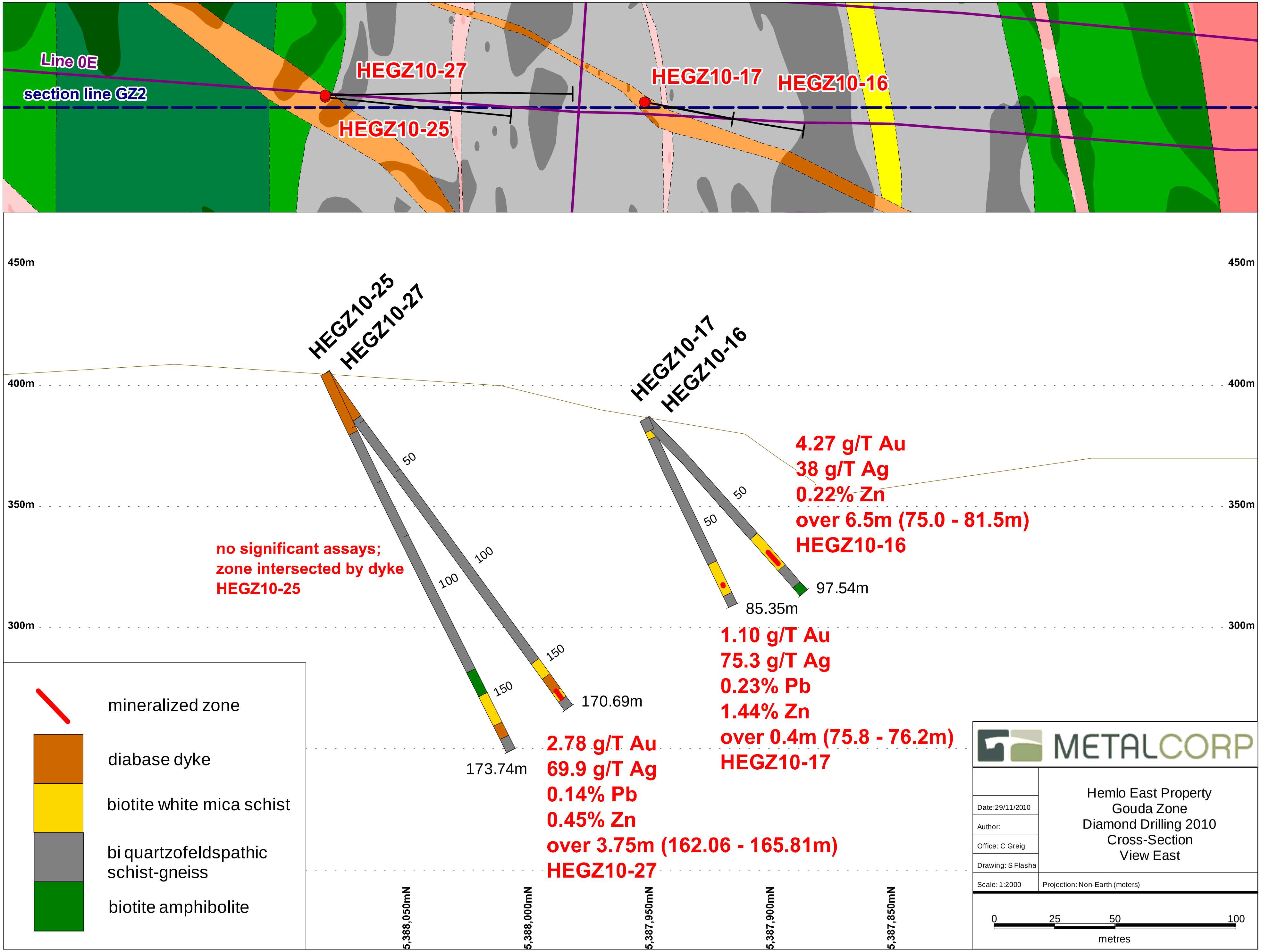


Figure 31. Cross-section GZ2 (see fig. 24 for location), showing drillholes HEGZ10-16, 17, 25, and 27 at the seventh and thirteenth setups; view is to the east, and shows lithologies and significant intersections; Gouda Lake grid area, Hemlo East property.

coarse-grained pyrite and 10% blebby sphalerite (fig. 31). The second was nearer to the base of the Gouda Horizon, between 79.25 and 80.24 m (0.99 m), and it returned 0.942 g/t Au and 27.4 g/t Ag. The three metres between these two samples unfortunately returned no significant results. In comparison with HEGZ10-16, the results for the Gouda Lake zone in this drillhole were disappointing, as the gold grades were much lower, in spite of the fact that notable mineralization was intersected. The hole was bottomed at 85.35 m in biotite schist-gneiss.

10.2.18 HEGZ10-18

HEGZ10-18 was drilled to the south at an inclination of -45º, on Line 2W, 0+50S (fig. 24), approximately 100 metres west of the site of holes 16 and 17. The objective was to continue testing the Gouda Lake zone to the west, along the western extent of the chargeability anomaly which highlights the zone (fig. 9). The Gouda Lake felsic schist horizon was intersected between 70.64 and 85.37 m downhole, although no gold-bearing zones were intersected (fig. 32). Local sulphides were observed between 78.20 and 82.70 m, with finely disseminated and blebby pyrite in amounts up to 20%, as well as up to 10% pyrrhotite. The grade across this zone was 0.020 g/t Au, 4.7 g/t Ag, 0.04% Cu and 0.10% Zn. The sulphides present across this interval certainly explain the chargeability anomaly measured in the IP survey. The hole bottomed in biotite schist-gneiss at a depth of 91.14 m.

10.2.19 HEGZ10-19

Drillhole HEGZ10-19 was the first hole of a series of holes which were collared back to the north from the original fence of MetalCorp holes collared to test the Gouda Lake zone gold zone. Hole HEGZ10-19 was drilled to the south from Line 1E, 0+35N, at an inclination of -45º, and was collared approximately 40 metres north of Lac's hole N-13-3 (fig. 24). Results from the previous holes had not yet been received from the laboratory, but the objective of this hole was to test the

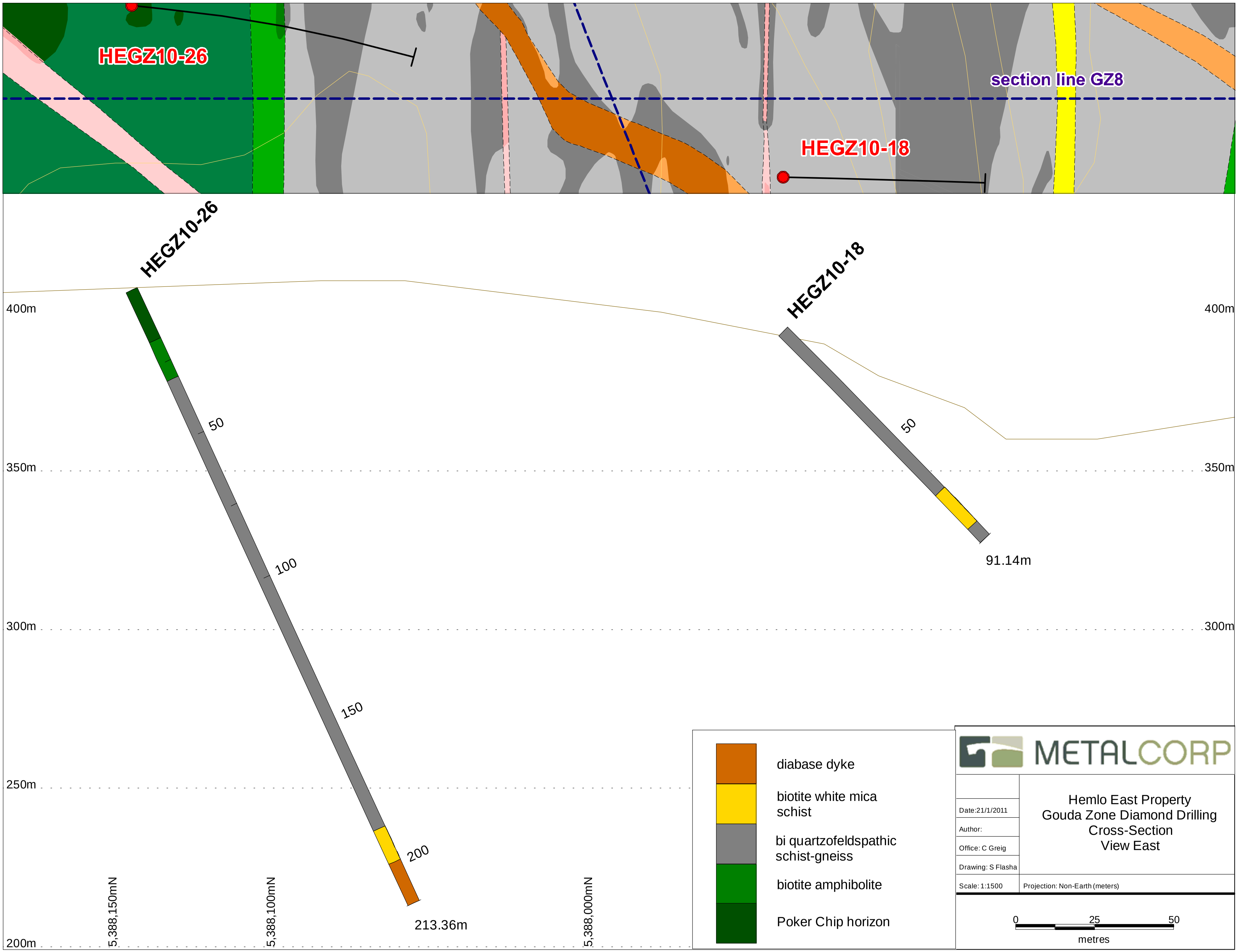


Figure 32. Cross-section GZ8 (see fig. 24 for location), showing drillholes HEGZ10-18 and 26 at setups eight and fourteen; view is to the east, and shows lithologies and significant intersections; Gouda Lake grid area, Hemlo East property.

grade and continuity of the attractive mineralization observed in drillholes HEGZ10-14 to 17. HEGZ10-19 intersected the mineralized zone, again located near the base of the Gouda Lake horizon, between 108.86 and 112.23 metres downhole (fig. 30). Unfortunately, the intersection did not return high gold values (0.26 g/t), but the Pb and Zn grades were amongst the best in the program, with an encouraging 0.49% Pb and 2.17% Zn over the 3.37 m; the silver values were also encouraging, as the intersection returned 56.25 g/t Ag. This interval included a 50 cm layer of massive sulphides with up to 25% galena (2.3% over 0.5 m), and the massive sulphides, as might be expected, also returned respectable values for Au, Ag, and Zn (0.808 g/t Au, 226 g/t Ag, and 4.34% Zn). The hole bottomed in biotite amphibolite at a depth of 128.02 m.

10.2.20 HEGZ10-20

HEGZ10-20 was a vertical hole drilled from the same setup as HEGZ10-19, in a continued effort to test the down-dip continuity and grade of the Gouda Lake mineralized zone (fig. 24). This hole returned the best Au intersection of the program, with 5.22 g/t Au, along with 145 g/t Ag and 0.94% Zn across 5.6 m between 119.4 and 125.0 m downhole (fig. 30). By appearances alone, this intersection was not viewed as a standout, because it includes only two thin (40 cm) layers of massive sulphide. After receiving the results of the rest of the holes, however, it has become more evident that while the massive coarse-grained pyrite+sphalerite+galena layers are not always the bearers of the best gold values, the immediately adjacent sections commonly do contain respectable values in gold. Those rocks are typified by the presence of approximately 30% sulphides, at least locally approximating semi-massive, which occur along with locally abundant sphalerite (up to 5%) as discontinuous fine- to medium-grained well foliated layers (fig. 33). An example was the 1.5 m intersection between 112.40 and 123.90 metres, which returned 11.4 g/t Au, 253 g/t Ag, and 0.83% Zn. In contrast, the samples that included the massive pyrite returned respectable but comparatively

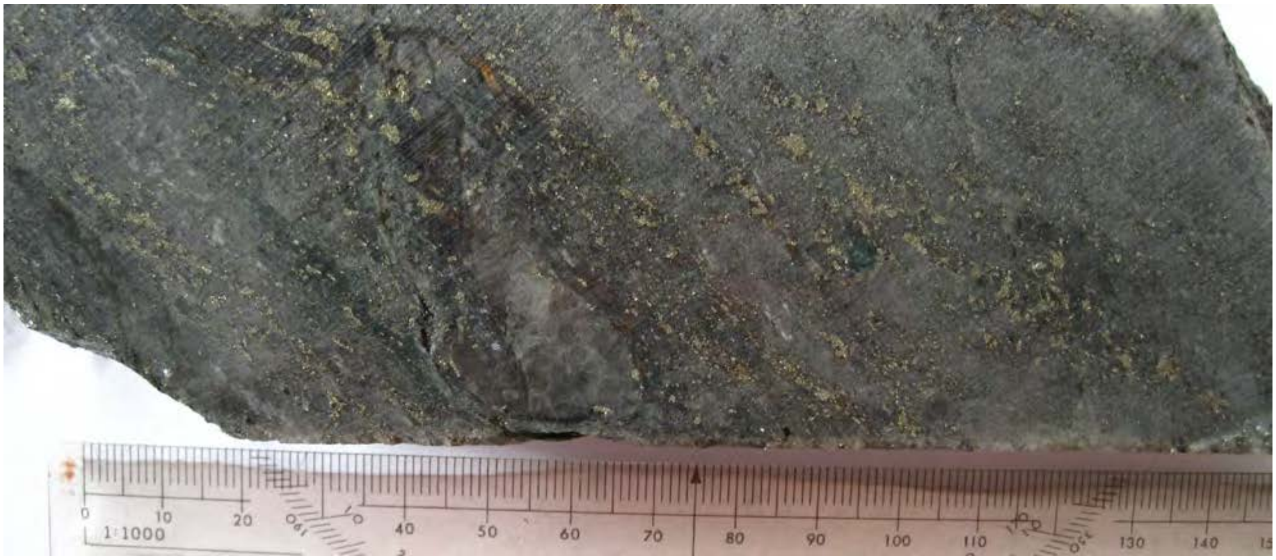


Figure 33. Cut drillcore of well foliated pyrite- and sphalerite-bearing rocks of the Gouda Lake horizon; drillhole HEGZ10-20; section grades, 11.4 g/t Au, 253 g/t Ag, and 0.83% Zn over 1.5m; Gouda Lake area, Hemlo East property.

low gold grades, with 2.47 g/t and 4.43 g/t. The remainder of the Gouda Lake horizon in this hole, which was characterized in general by a paucity of sulphides (<2%), returned only trace amounts of Au and Ag with all values below 0.020 g/t Au and 1.2 g/t Ag.. HEGZ10-20 was called at a total depth of 131.07 m, bottoming in biotite schist-gneiss.

10.2.21 HEGZ10-21

Because mineralization from the Gouda Lake zone intersected in drillholes HEGZ10-19 and 20 looked so promising, it was decided that a third hole, at an inclination of -65°, should be drilled between holes 19 and 20 (figs. 24 and 30). While felsic schist of the Gouda Lake horizon was successfully intersected between 90.65 and 110.45 metres, a relatively thin aphanitic diabase dyke was intersected at the target depth of the mineralized zone (105.72 and 109.45 m)(fig. 30). Another similar dyke was intersected near the top of the hole, between 15.90 and 18.59 m (fig. 30). Interestingly, the angles of the dyke contacts to the core axes were close to 90 degrees, yet neither dyke was intersected in the other two holes drilled from the same setup. While this was disappointing, there was evidence from near the target depth that the Gouda Lake mineralized zone was present. Approximately 80% coarse-grained pyrite and 10-15% sphalerite were present in 15 cm zones immediately adjacent to the dyke contacts, and even with samples of the barren dyke included, the Gouda Lake zone in this hole still returned 0.06 g/t Au, 27.1 g/t Ag, 0.19% Pb, and 0.64% Zn over 5.00 m, between 105.45 and 110.45 m. The hole bottomed in biotite amphibolite at a depth of 126.80 m.

10.2.22 HEGZ10-22

HEGZ10-22 was the westernmost drillhole targeting the Gouda Lake horizon which was completed in the 2010 program (fig. 24). The objective of this drillhole was to continue to test the gold-bearing Gouda Lake mineralized zone westward along strike, with the further aim of examining the possible influence on the horizon of the DC fault, which had been speculated to have had some syn-volcanic and perhaps syn-mineral displacement (fig. 7). Hole HEGZ10-22 was drilled to the west-southwest at an azimuth of 250º and at an inclination of -45º. The change in azimuth was made in an attempt to avoid intersecting a 10 m thick mafic dyke, which outcrops not far to the east. The sequence and thicknesses of the lithologic units intersected were comparable to previous holes, but substantial mineralization was not intersected, nor were any assays of economic significance returned. The best sulphides were intersected between 101.30 and 102.05 metres downhole, where 5% finely disseminated pyrite occurs within the Gouda Lake horizon white mica schist; unfortunately gold values from this intersection were below detection (<5 ppb Au). The overall results were also disappointing, as the twelve samples collected across the Gouda Lake horizon, between 91.87 and 109.40 metres, only returned a gold high of 85 ppb, along with silver, zinc, and lead highs of 1.8 g/t, 0.2%, and 0.06%, respectively (fig. 34). The results suggest that the DC fault played little obvious part in the genesis of precious and base metals sulphide mineralization, or in

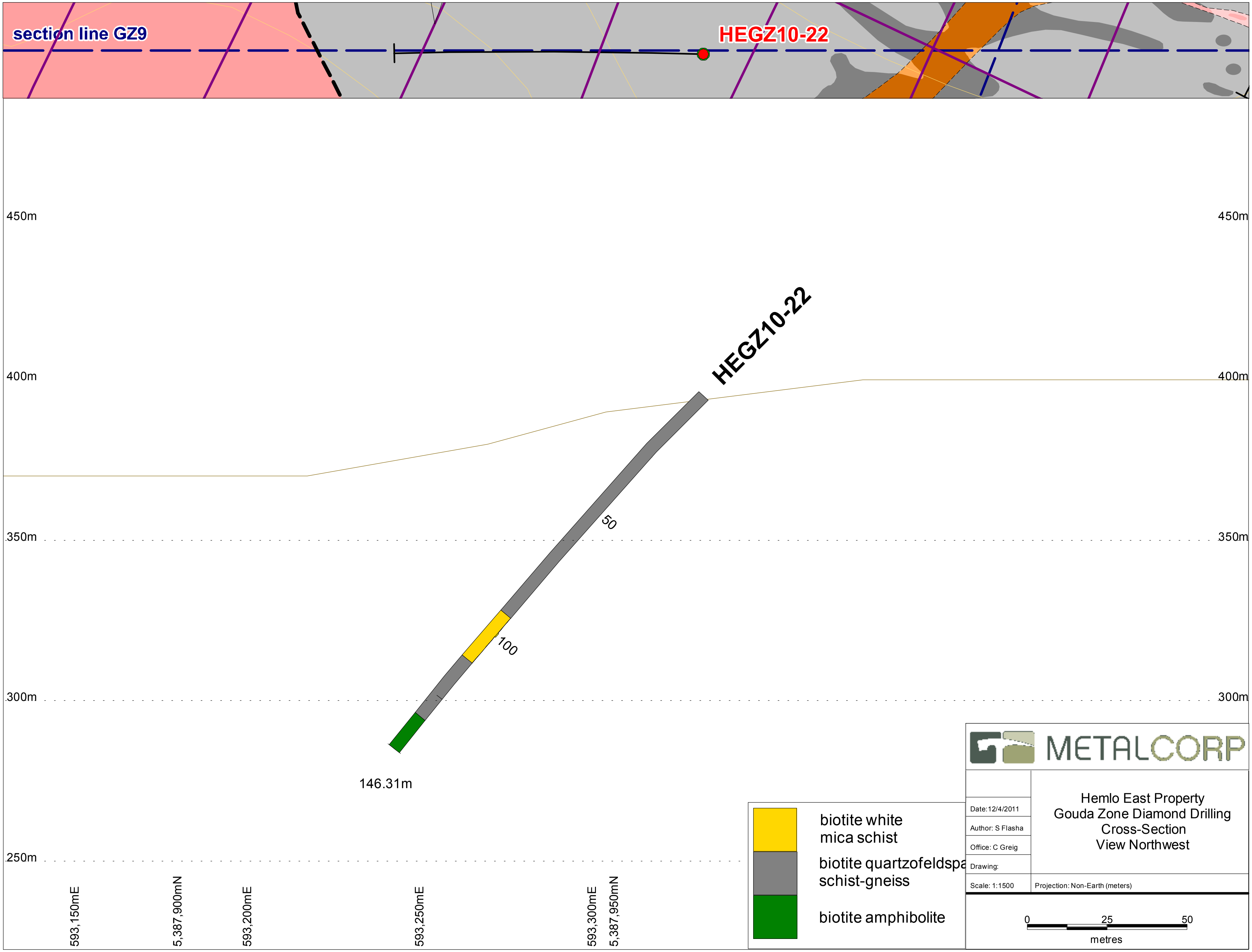


Figure 34. Cross-section GZ9 (see fig. 24 for location), showing drillhole HEGZ10-22 at tenth setup; view is to the northwest, and shows lithologies, Gouda Lake grid area, Hemlo East property.

the controlling deposition of volcanic rocks associated with the Gouda Lake zone. The drillhole bottomed in biotite amphibolite at a downhole depth of 146.30 m.

10.2.23 HEGZ10-23

Drillhole HEGZ10-23 was drilled to the south at an inclination of -45º, from Line 3E, 1+20N, and approximately 90 m north of the first setup in the 2010 program (HEGZ10-1, 2, and 3; figs. 24 and 25). The collar was situated approximately 15 m southeast of Lac's N-13-7, 7A, and 7B drillholes, which were rumoured to have intersected massive sulphide, although yet again, no geochemical information nor sample intervals were available to MetalCorp (fig. 24). HEGZ10-23 intersected the Gouda Lake horizon between 129.86 and 146.26 metres downhole. Sulphide mineralization was intersected at the base of the felsic schist between 143.14 and 146.26 m, and it was characterized by thin intervals (<35 cm) of semi-massive and massive pyrite containing minor pyrrhotite and sphalerite. The best interval returned only 0.54 g/t Au and 21.6 g/t Ag. Copper, lead, and zinc values were also all low, aside from a single assay returning only 0.24% Zn. HEGZ10-23 was drilled to a depth of 158.50 m, and bottomed in biotite amphibolite (fig. 25).

10.2.24 HEGZ10-24

Hole HEGZ10-24 was drilled southerly at an inclination of -45º, from a collar approximately 15 m west of Line 2E, 1+10 N (fig. 24). The planned azimuth was 180º, and the objective was to continue testing the Gouda Lake zone immediately down dip of the intersections in holes HEGZ10-14 and 15. Unfortunately, because of problems lining-up the drill at night, the hole was drilled at an azimuth of 200º. The consequence was that by the time the hole reached the target depth of the Gouda Lake zone, it was actually more closely testing the zone only a very short distance down-dip of holes HEGZ10-19, 20 and 21, which were on the section adjacent and to the west (fig. 30). In any case, the drillhole successfully intersected mineralization and returned a very respectable 3.8 g/t

Au, 90.9 g/t Ag, 0.12% Pb, and 0.71% Zn over 6.0 m, between 147.50 to 153.50 metres downhole (fig. 30). The zone included an excellent individual sample of 1.5 m of 11.15 g/t Au, 200 g/t Ag, 0.24% Pb, and 0.93% Zn. This higher-grade sample was somewhat unassuming in appearance, as it did not include thick sections of massive pyrite, as did the previous two samples (1.5 m each for a total of 3 m), which returned respectable, yet relatively paltry, intersections of 1.7 and 1.9 g/t Au. The majority of the rocks in the higher-grade sample contained between 10 and 30%, fine- to medium-grained, poorly-layered to well-foliated aggregates of pyrite with up to 5% associated sphalerite and local specks or blebs of galena (fig. 35). Massive sulphide intersections at the top of the zone were similar to those found in nearby holes, with 75-95% medium- to coarse-grained pyrite, up to 10% sphalerite, and local galena and chalcopyrite. The drillhole was called at a depth of 161.55 m, and bottomed in biotite schist-gneiss.

Figure 35. Cut drillcore of pyritic siliceous white mica schist of the Gouda Horizon, drillhole HEGZ10-24; section ,grades 11.15 g/t Au, 200 g/t Ag, 0.24% Pb, and 0.93% Zn over 1.5m; Gouda Lake grid area, Hemlo East property.

10.2.25 HEGZ10-25

The twenty-fifth drillhole of the 2010 program was collared at a setup on Line 0E, 1+05N, approximately 130 metres north of holes HEGZ10-16 and 17 (fig. 24). HEGZ10-25 was drilled to the south at an inclination of -65º, and targeted the Gouda Lake zone down-dip of holes 16 and 17 (fig. 31). The hole was collared on the southern edge of a large northeast trending diabase dyke, and so the upper 27.23 m of the hole intersected this intrusive body. Unfortunately, another diabase dyke was intersected farther down the hole, and even more unfortunately, once again at the approximate target depth of the Gouda Lake zone (161.51 to 167.56 m), near the base of the Gouda Lake schist horizon (fig. 31). In spite of a lack of sulphides in the core, the felsic white mica schist and the upper 2 metres of the dyke were sampled, but did not return elevated Au, Ag, Cu, Pb, or Zn values.

Unlike in earlier holes in the program, the sequence of lithologies intersected in hole HEGZ10-25 was somewhat different. An eleven metre section of biotite amphibolite, similar in appearance to that found near the bottom of many holes, was intersected immediately above the white mica schist of the Gouda Lake horizon, where biotite schist-gneiss is normally found (fig. 31). HEGZ10-25 was drilled to a total depth of 173.74 m, and bottomed in biotite schist-gneiss.

10.2.26 HEGZ10-26

Diamond drillhole HEGZ10-26 was drilled to the south at an inclination of -65º, from a site on Line 1W, 1+60N (fig. 24). The objective with this drillhole was to intersect the Gouda Lake zone to the north of a 10 to 15 m thick northeast trending mafic dyke, and to test a parallel, but somewhat weaker, IP chargeability anomaly north of that which outlines the Gouda Lake zone. At surface the dyke contact appears to be dipping steeply to the southeast, and the rationale for drilling a -65º hole was that at its target depth, it would be a safe distance north of the dyke. The top of the Gouda Lake horizon white mica schist was intersected at 187.30 m but unfortunately, the base of the horizon was "intruded out" between 198.8 and 215.64 metres by a thick mafic dyke, which was in contact with biotite schist-gneiss (fig. 32). While the parts of the Gouda Lake horizon uphole of the dyke were sampled, they returned no values of economic significance. Hole HEGZ10-26 was collared in rocks of the Poker Chip horizon marker unit, which extended to a depth of 17.44 m in the hole (fig. 32). The drillhole was called at a depth of 216.41 m in a biotite schist-gneiss.

10.2.27 HEGZ10-27

The twenty-seventh hole of the 2010 program returned to the setup for hole HEGZ10-25 (-65º) in an attempt to intersect the Gouda Lake mineralized zone, but at a shallower depth and by drilling at a shallower angle (-45º). This was an attempt to avoid intersecting the diabase dyke which was hit at the target depth in hole 25 (fig. 24). By projecting the contacts of the dyke which was intersected in hole HEGZ10-25 upward, it was reasoned that in a hole angled at -45º, the dyke would be intersected in the vicinity of the upper contact of the Gouda Lake horizon schist, where the schist it is in contact with biotite schist-gneiss. As it turns out, the dyke was intersected near the middle of the Gouda Horizon, between 154.85 and 162.06 m, and unfortunately it may have "intruded out" the upppermost part of the Gouda Lake mineralized zone (fig. 31). Fortunately, at the downhole contact of the dyke, the white mica-rich Gouda Lake schist is well-mineralized, with 3.75 m returning 2.78 g/t Au, 69.9 g/t Ag, 0.14% Pb, and 0.45% Zn, between 162.06 and 165.81 metres downhole. The intersection included one 1.3 m sample containing two layers, 12 and 50 cm thick, of 60-80% massive coarse-grained pyrite, with minor sphalerite and galena. That section, 1.3 metres across, yielded an excellent 7.62 g/t Au, 144 g/t Au, 0.21% Cu, 0.10% Pb, and 0.40% Zn (fig. 31). Overall, the drillhole demonstrates that the Gouda Lake mineralized zone still carries appreciable grades in both precious and base metals across significant thicknesses at this depth. It also indicates, as other drillholes do, that the orientation of the diabase dykes are somewhat irregular. Hole HEGZ10-27 was drilled to a depth of 170.69 m, and bottomed in biotite schist-gneiss.

10.2.28 HEGZ10-28

Hole HEGZ10-28, targeted a highly chargeable zone in the northwesternmost part of the Gouda Lake grid, and did not target the Gouda Lake zone (fig. 9). It was collared 70 m north of the grid, along the same bearing as Line 8W (fig. 24). The strong chargeability anomaly trends east-west from Line 7W, and appears to be open to the west (Line 10W; fig. 9). It was assumed, in hindsight perhaps incorrectly, that the source would be a foliation- and/or bedding-parallel layer dipping moderately to the north. The hole was collared in 5.95 metres of a fine-grained granitic intrusion, which was followed to the end of the hole at 152.40 m by biotite amphibolite (fig. 36). One interval, between 81.33 and 88.39 metres downhole, was intersected which could explain the presence of the chargeability high. It consisted of between 1 and 20% fine-grained sulphides (mainly pyrite, but as much as 15% pyrrhotite) occurring as disseminations and as mm-scale layers within the amphibolite. Other sulphide-bearing intervals also occurred within the amphibolite, although none were as continuously mineralized as the aforementioned zone, nor did they have as much sulphide. These were all sampled, as were pyrite and molybdenite-bearing quartz veins cutting the granite. Unfortunately, gold was below detection in all the samples, and silver, copper, lead, and zinc were all low as well, with peak values of 0.4 g/t, 0.04%, 0.001% and 0.006%, respectively.

10.2.29 HEGZ10-29

Drillhole HEGZ10-29 was collared 100 m west of hole HEGZ10-28 and was drilled to the south at an inclination of -45°. The objective of drilling this hole was to further test the strong chargeability anomaly in the northwestern part of the Gouda Lake grid (figs. 9 and 24). The drillhole was located along the same bearing as Line 10W, and it was collared approximately 75 metres north of the best IP response on that line. Unfortunately, no mineralized zones encountered in the hole

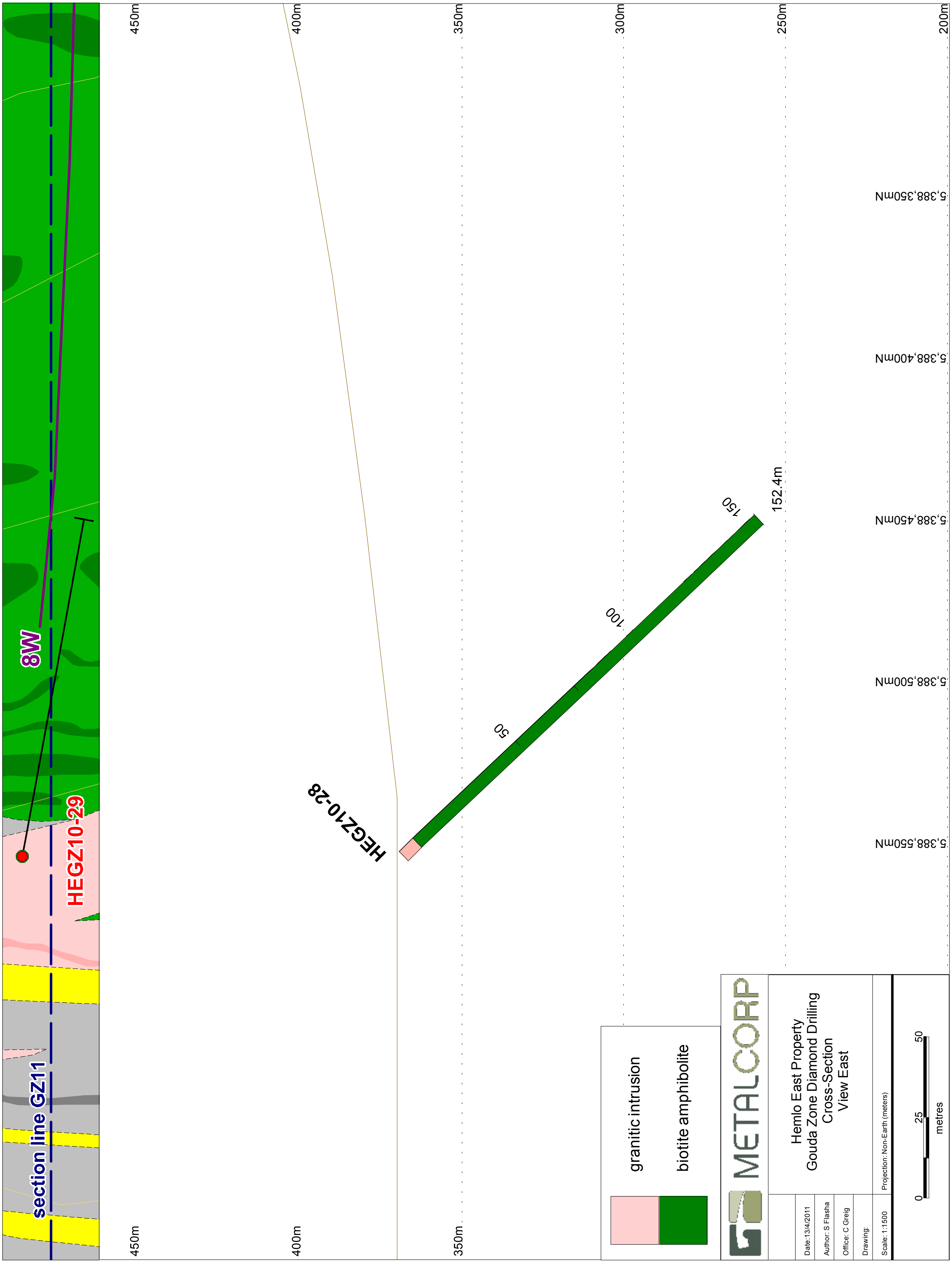


Figure 36. Cross-section GZ11 (see fig. 24 for location), showing drillhole HEGZ10-28 at setup fifteen; view is to the northwest and shows downhole lithologies, Gouda Lake grid area, Hemlo East property.

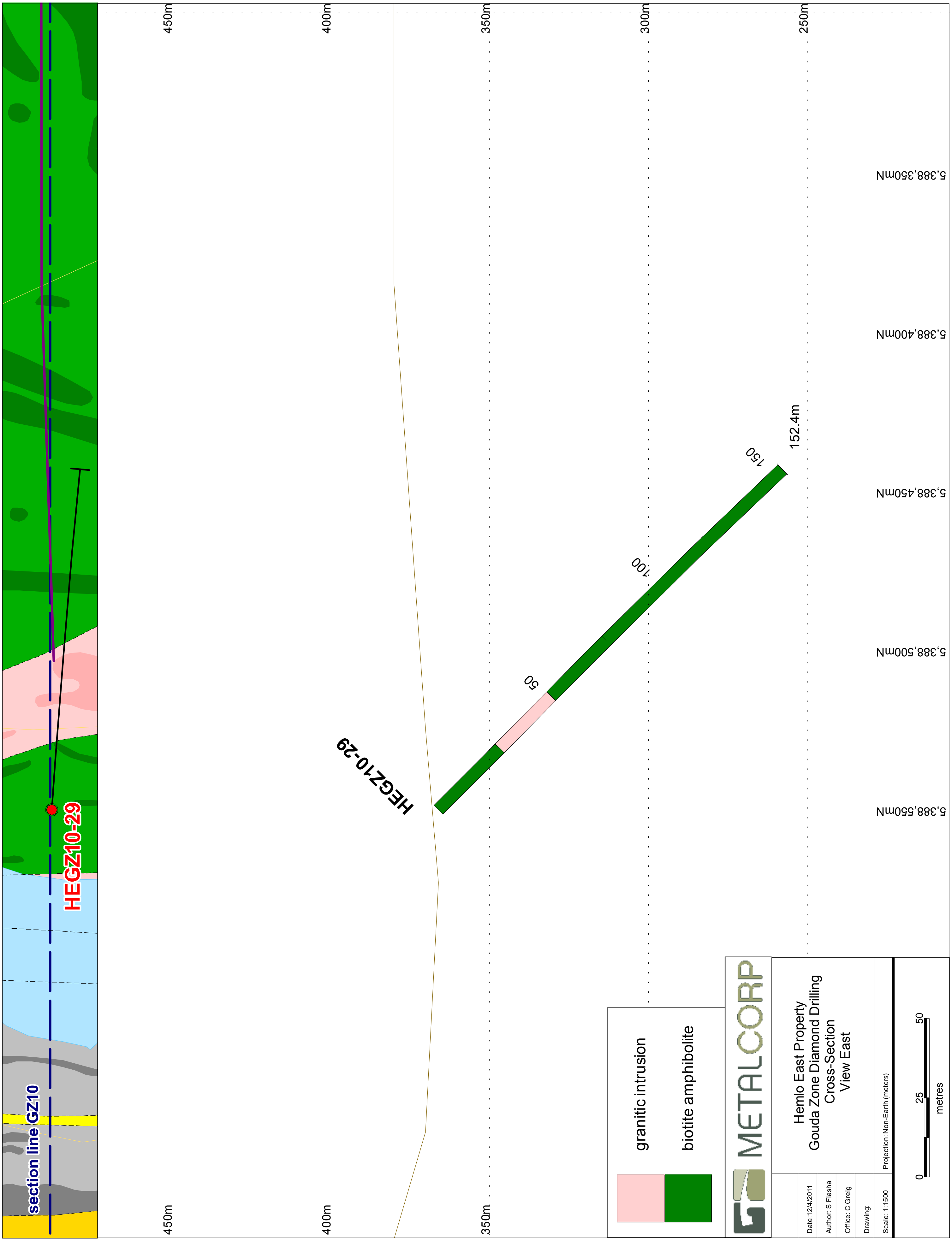


Figure 37. Cross-section GZ10 (see fig. 24 for location), showing drillhole HEGZ10-29 at setup sixteen; view is to the northwest, and shows downhole lithologies; Gouda Lake grid area, Hemlo East property.

appear to been substantial enough to explain the geophysical anomaly. Pyrite, as disseminations or blebs in amounts up to 1% and associated with cm-scale quartz veins or pegmatite bodies, and very local pyrite stringers, perhaps accounting for as much as 5% total sulphides, was intersected between 23.70 and 24.84 m, and pyrrhotite was not observed in this hole. All gold, silver, and base metal assays were subeconomic. Biotite amphibolite was encountered throughout almost the entire 152.40 metres of the hole, with the exception of the interval between 27.27 and 50.32 m, where the amphibolite was intruded by a fine-grained granitoid, similar in appearance to that intersected at the top of hole HEGZ10-28 (fig. 37).

10.3 Significant Drillhole Intersections

With the exception of the final two drillholes of MetalCorp's 2010 drill program, which did not target the Gouda Lake horizon and mineralized zone, the schist horizon was intersected in every hole of the program. The fact that a large number of these holes also intersected the Gouda Lake mineralized zone, and reported excellent intersections (Table 2) amply demonstrates the continuity and substantial grade of mineralization over what appears to be a central, northwesterly-raking core area of the zone within the north-dipping felsic schist of the Gouda Lake horizon (fig. 38). This core area, which is likely in large part coincident with Lac's original resource, encompasses mineralization of mineable thicknesses as well as economic grades, and it is certainly worthy of further exploration.

10.4 Geochemistry–Gouda Lake Horizon

As may be expected from the consistency in rock type from hole-to-hole, and from the consistent stratigraphic (and/or structural?) position of Gouda Lake zone mineralization near the base of Gouda Lake horizon "felsic schist," the geochemistry across the Gouda Lake horizon is quite consistent from hole-to-hole. Because the horizon and its contained mineralized zone were

Table 2. Significant drillhole intersections from the 2010 diamond drill program, Gouda Lake grid area, Hemlo East property.

Hole Number	From (m)	To (m)	Length (m)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)
HEGZ10-01	81.50	87.04	5.54	0.76	42.2	0.03	0.128	0.973
HEGZ10-02	77.50	80.88	3.38	1.60	76.1	0.07	0.139	0.664
includes	77.50	78.44	0.94	3.28	90.2	0.03	0.091	0.991
HEGZ10-03	87.30	89.14	1.84	1.54	95.4	0.04	0.379	1.235
HEGZ10-04	81.33	82.00	0.67	0.05	21.5	0.02	0.229	**2.390**
HEGZ10-05	no significant assays							
HEGZ10-06	80.00	81.44	1.44	0.37	43.2	0.07	0.041	0.349
HEGZ10-07	77.20	79.89	2.69	0.79	62.7	0.05	0.206	1.274
HEGZ10-08	no significant assays							
HEGZ10-09	no significant assays							
HEGZ10-10	51.50	55.16	3.66	4.41	33.2	0.03	0.027	0.053
includes	51.50	52.90	1.40	**9.11**	13.4	-	-	-
HEGZ10-11	no significant assays							
HEGZ10-12	no significant assays							
HEGZ10-13	56.81	60.71	3.90	0.71	27.7	-	0.075	0.344
includes	58.20	59.46	1.26	1.68	39.7	-	0.092	0.892
HEGZ10-14	79.45	82.00	2.55	0.99	155.8	0.06	0.158	0.799
includes	79.45	80.25	0.80	2.22	**388.0**	0.11	0.444	1.370
HEGZ10-15	85.05	88.69	3.64	3.03	107.9	0.33	0.073	1.514
includes	86.85	87.84	0.99	**6.23**	105.0	0.01	0.054	**2.000**
HEGZ10-16	75.00	81.50	6.50	4.27	38.0	0.03	0.020	0.225
includes	76.50	77.75	1.25	**19.70**	155.0	0.15	0.080	1.050
HEGZ10-17	75.80	76.20	0.40	1.11	75.3	0.04	0.228	1.440
HEGZ10-18	no significant assays							
HEGZ10-19	108.86	112.23	3.37	0.27	59.0	0.03	0.506	**2.230**
HEGZ10-20	119.40	125.00	5.60	5.22	145.3	0.02	0.086	0.942
includes	122.40	123.90	1.50	**11.40**	**253.0**	0.02	0.045	0.829
HEGZ10-21	105.45	106.85	1.40	0.16	47.6	0.02	0.571	1.800
HEGZ10-22	no significant assays							
HEGZ10-23	144.50	146.26	1.76	0.54	21.6			
HEGZ10-24	147.50	153.50	6.00	3.83	90.9	0.04	0.136	0.709
includes	152.00	153.50	1.50	**11.15**	**200.0**	0.03	0.236	0.934
HEGZ10-25	no significant assays							
HEGZ10-26	no significant assays							
HEGZ10-27	162.06	165.81	3.75	2.78	69.9	0.08	0.143	0.451
includes	162.70	164.00	1.30	**7.62**	144.0	0.21	0.105	0.396
HEGZ10-28	no significant assays							
HEGZ10-29	no significant assays							

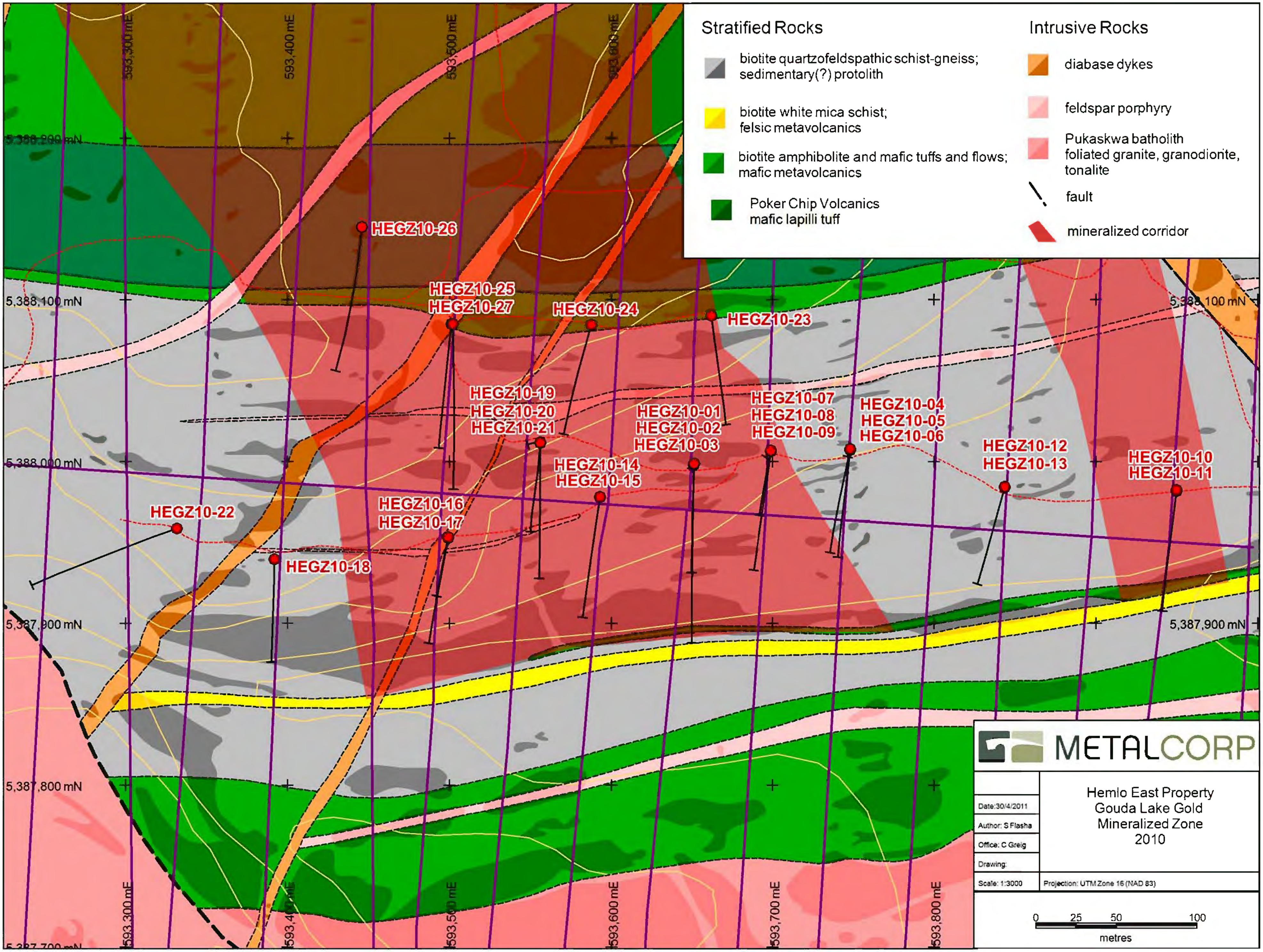


Figure 38. Idealized surface projection of of the north-northwest plunging higher-grade core of the Gouda Lake gold mineralized zone, Gouda Lake grid area, Hemlo East property.

intersected, at least in part, within every one of the twenty-seven holes of the 2010 program which targeted it, and because the zone was sampled from top-to-bottom in each of those holes, we have an excellent database from which to evaluate the schist horizon geochemically.

Variations in geochemical signature or expression may be subtle in the holes which lacked significant Au-Ag mineralization, and are typically more pronounced where the Au grades are highest. Gold and silver have a very strong positive correlation throughout the Gouda Lake horizon, and with only a few exceptions, they also maintain a positive correlation with As, Bi, Cd, Cu, Fe, Pb, S, Sb, W, and Zn. Alternately, Al, Ba, Ca, K, La, Mg, Mn, Na, P, Sc, Sr, Ti and V are inversely correlated with gold, and they maintain a strong correlation with one another. Collectively these groupings of elements will be referred to as the "Au-Ag suite" and the "P suite," respectively. For the "Au-Ag suite," it should be noted that the abundances of tungsten, cadmium, and antimony are generally below detection in the Gouda Lake horizon, and even in the Gouda Lake mineralized zone, except where there is a very strong enrichment in precious metals.

For simplicity, the Gouda Lake horizon geochemical relationships from three drillholes, HEGZ10-07, 12 and 20, have been chosen to illustrate the discussion, with the results for the two elemental suites shown for each of the three holes in Figures 39 to 44. The three holes represent the Gouda Lake horizon where there is: 1) elevated Au and associated metals (HEGZ10-07; figs. 39 and 40), 2) an absence of gold and associated mineralization (HEGZ10-12; figs. 41 and 42), and 3) a well mineralized zone with relatively high gold values (HEGZ10-20; figs 43 and 44).

Near the top of the Gouda Lake horizon, all elements show similar concentration levels from hole to hole, and the values appear to remain quite consistent through the upper third of the horizon. Approximately halfway down the Gouda Lake horizon, but still above the mineralized zone, the first discrepancies are observed, and metals in the Au-Ag suite, such as Ag, Cu, Pb, and

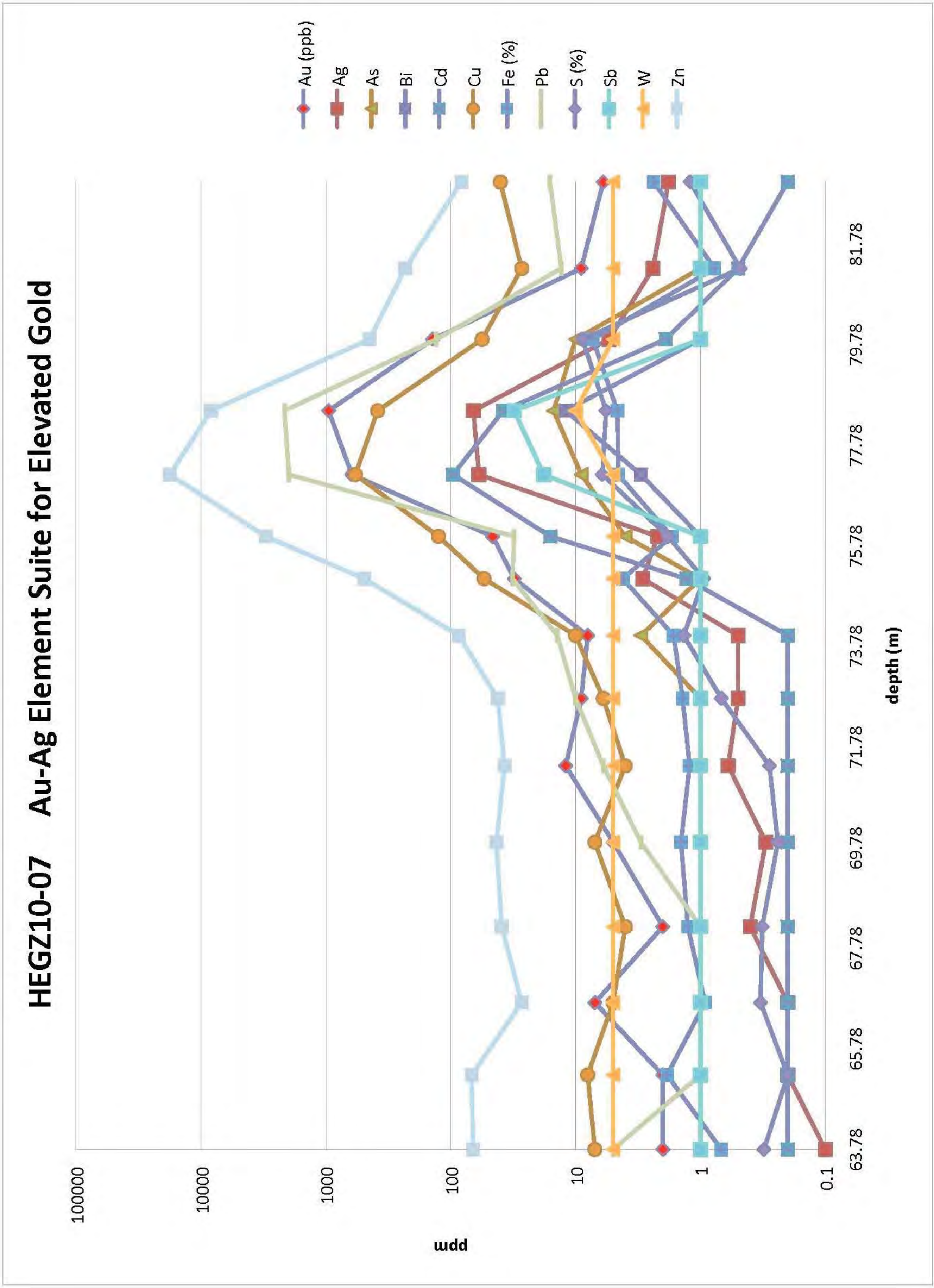


Figure 39. Gouda Lake horizon "Au-Ag element suite" geochemistry from drillhole HEGZ10-07, Gouda Lake grid area, Hemlo East property.

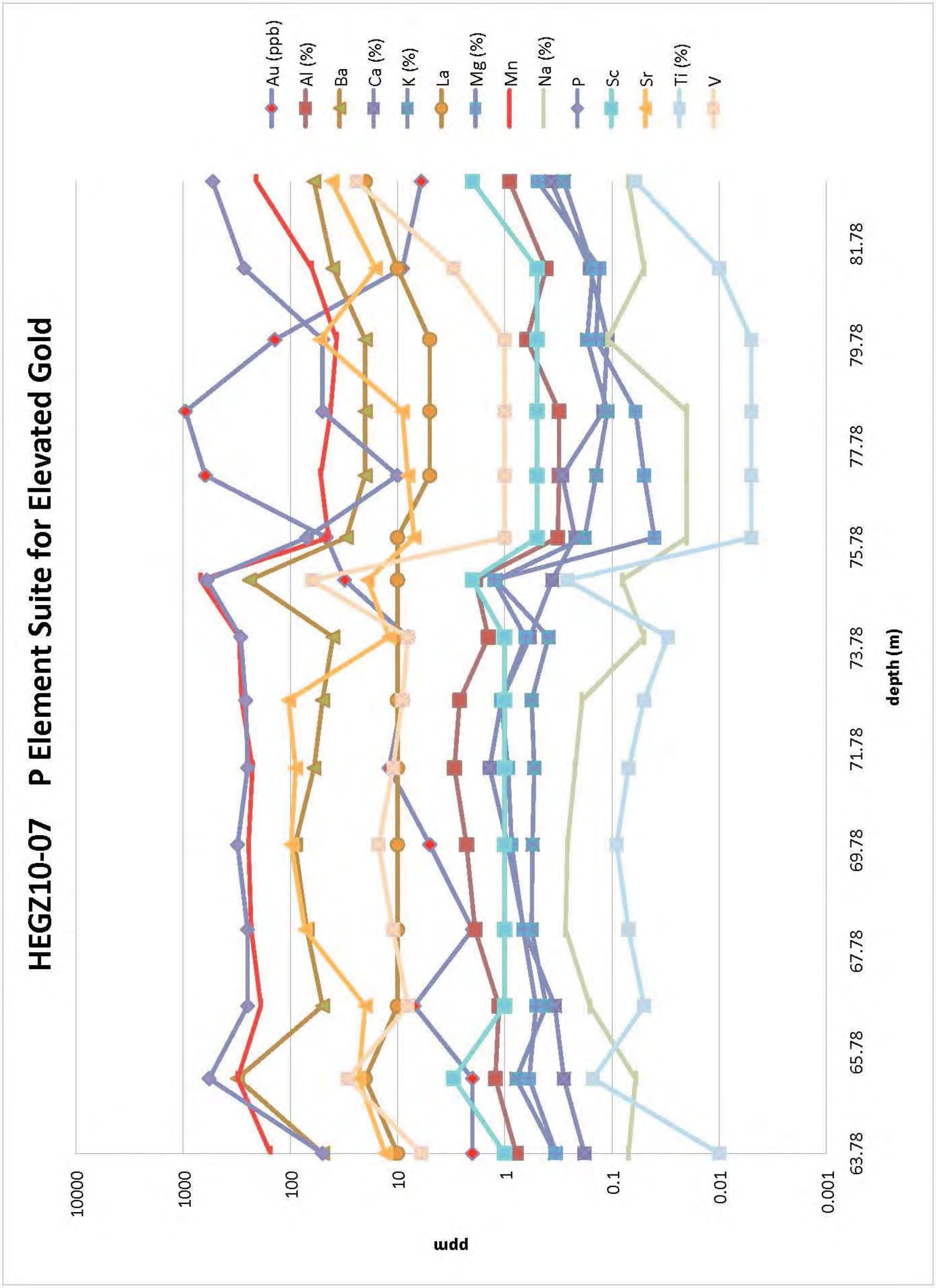


Figure 40. Gouda Lake horizon "P element suite" geochemistry from drillhole HEGZ10-07, Gouda Lake grid area, Hemlo East property.

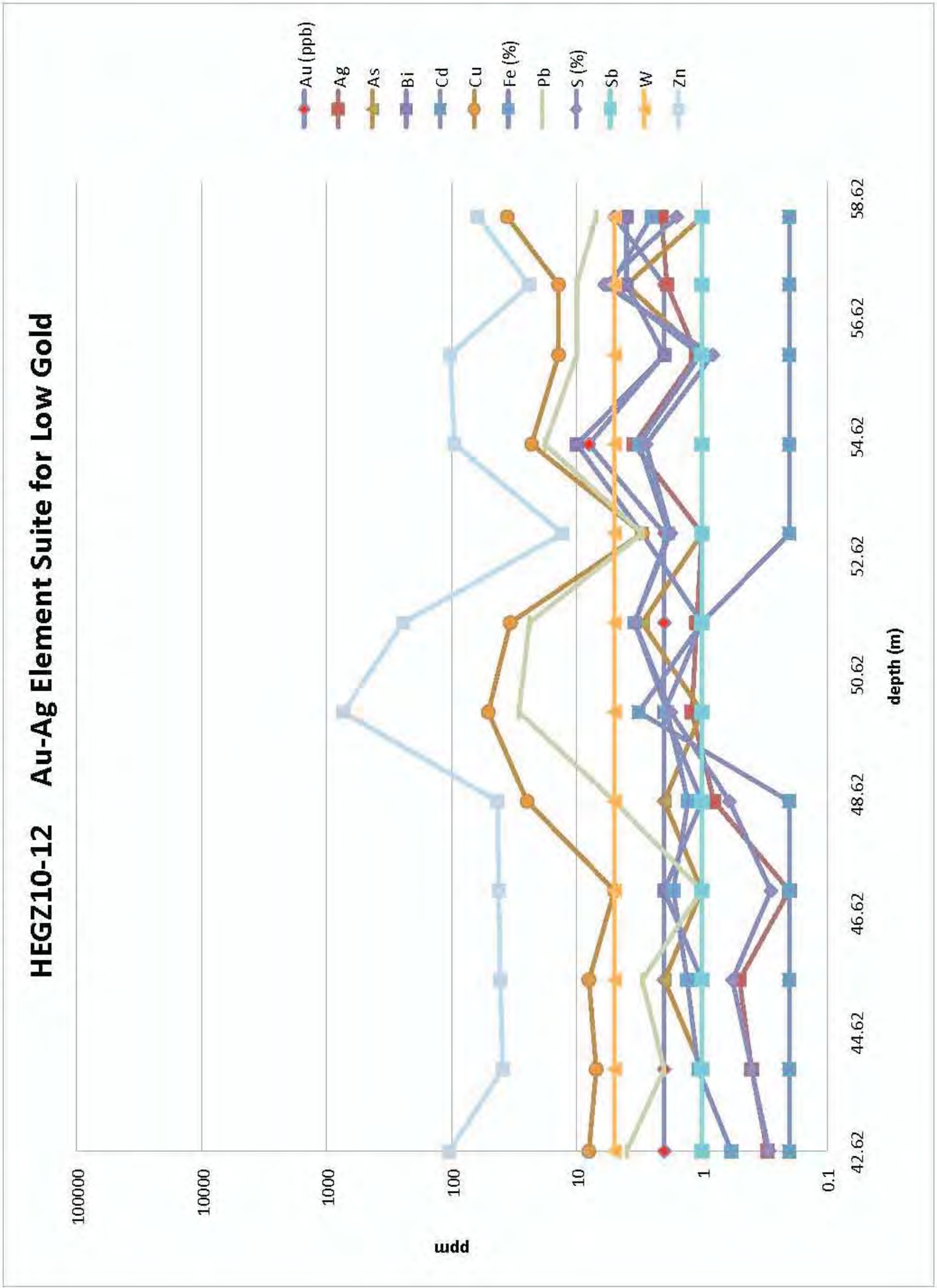


Figure 41. Gouda Lake horizon "Au-Ag element suite" geochemistry from drillhole HEGZ10-12, Gouda Lake grid area, Hemlo East property.

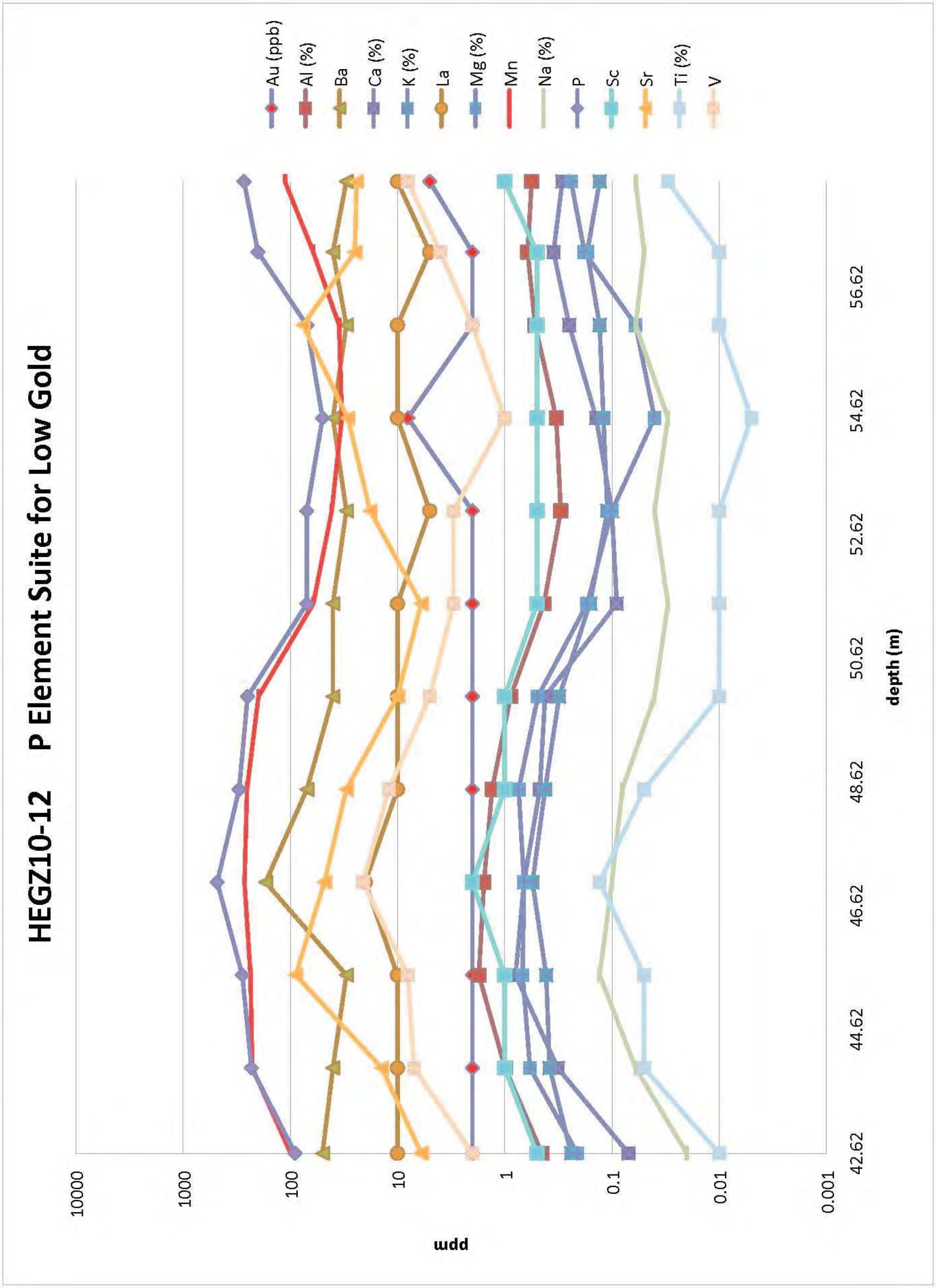


Figure 42. Gouda Lake horizon "P element suite" geochemistry from drillhole HEGZ10-12, Gouda Lake grid area, Hemlo East property.

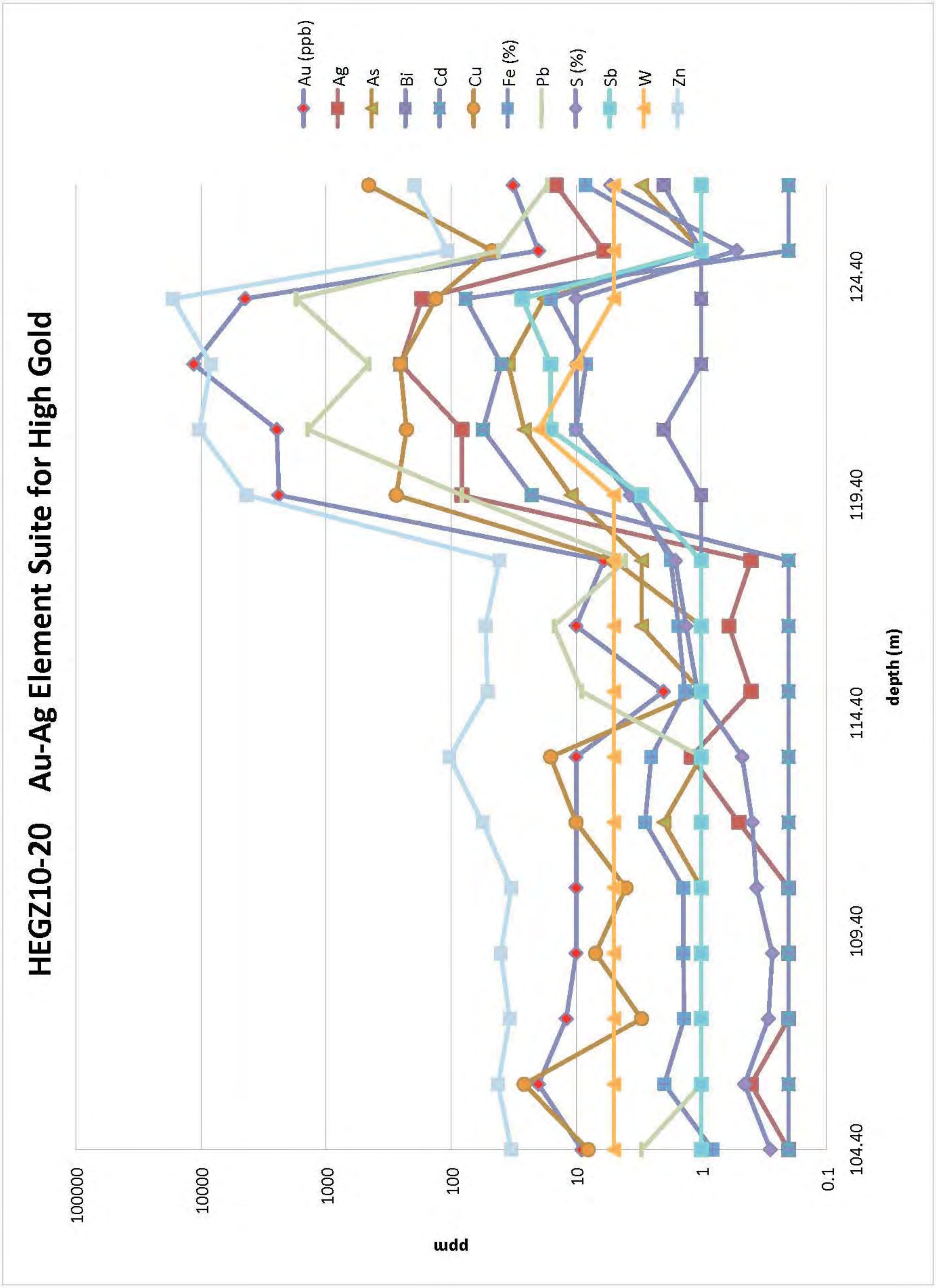


Figure 43. Gouda Lake horizon "Au-Ag element suite" geochemistry from drillhole HEGZ10-20, Gouda Lake grid area, Hemlo East property.

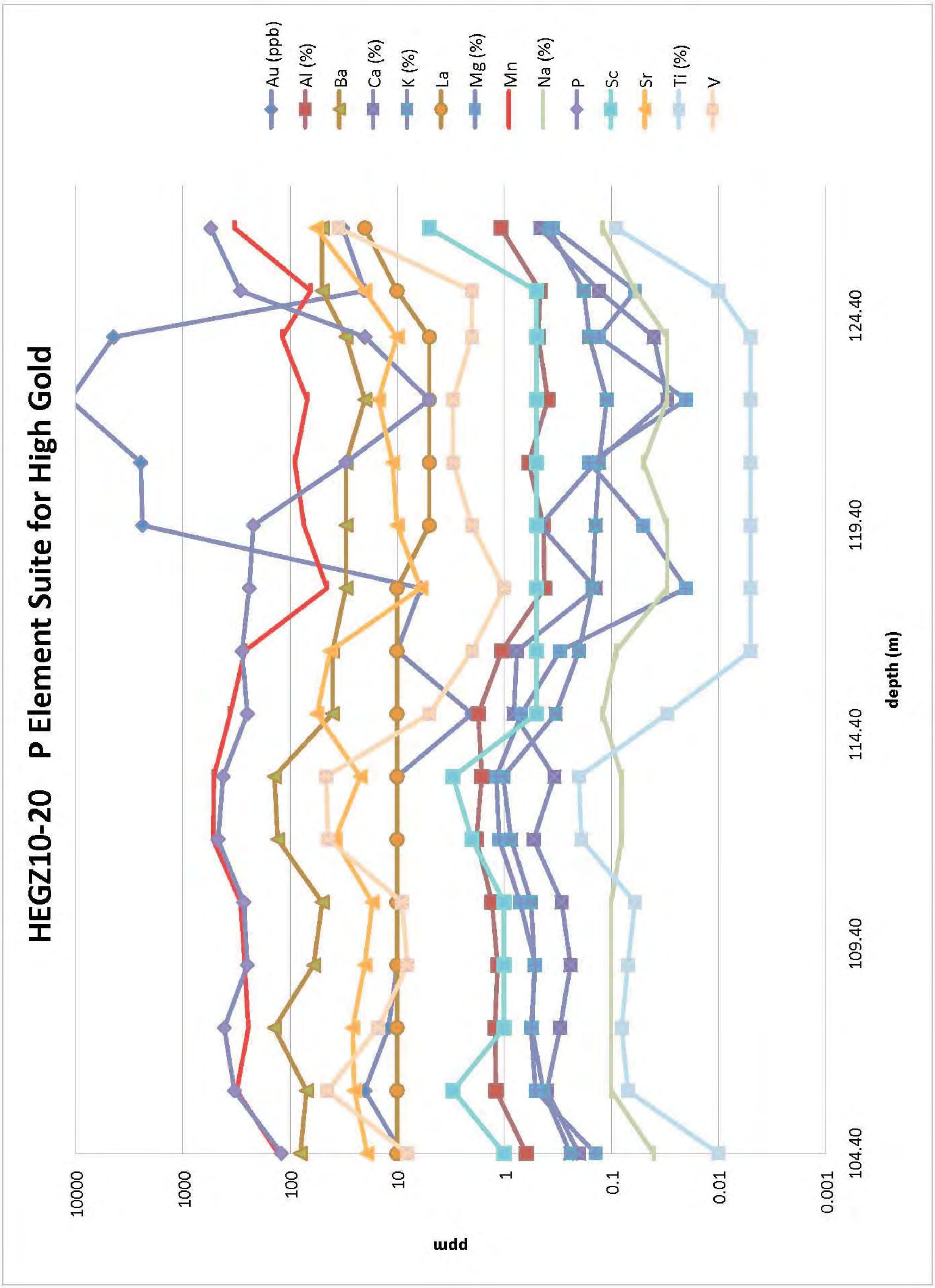


Figure 44. Gouda Lake horizon “P element suite” geochemistry from drillhole HEGZ10-20, Gouda Lake grid area, Hemlo East property.

Zn appear to be slightly elevated (figs. 39, 41, and 43). Arsenic, however, does not appear to follow this pattern, because its concentration appears to decrease. Within the “P suite,” the results are irregular. For holes, such as HEGZ10-12, in which gold values were low, the suite shows a general and very slight decrease in all concentrations (fig. 40). Hole HEGZ10-07, in which gold values were somewhat elevated, shows a very pronounced and sharp increase for all elements in the “P suite” except for Ca (fig. 42). For holes such as HEGZ10-20, in which gold values are relatively high, a moderate increase is observed in most “P suite” elements in this part of the Gouda Lake horizon, with the exception of Na and Sr (fig. 44).

The Gouda Lake mineralized zone, which occurs approximately three quarters of the way down the Gouda Lake horizon, is well defined by the geochemical data. All holes, regardless of gold grade, show elevated abundances of “Au-Ag suite,” elements, and they also show depletion of “P suite” elements. Even within holes such as HEGZ10-12, where there is a general absence of gold in the mineralized zone (in this case, just one “kick,” or anomalous sample, between 54.50 to 56.0 m), the concentrations are higher for Au and the associated metals than they are in “background” rocks of the Gouda Lake horizon (fig. 41). Hole HEGZ10-20, which is representative of relatively well-mineralized Gouda Lake zone rocks, has a very strong and broad positive anomaly for the “Au-Ag suite,” but the “P suite” shows a more subtle response, similar to that exhibited by holes with an absence of precious metals, such as hole HEGZ10-12 (figs. 42 and 44). Interestingly, depletions of the “P suite” elements for Gouda Lake zone holes which are both well- and weakly-mineralized (e.g., HEGZ10-20 and HEGZ-12, respectively) are of lower order than they are for holes which have returned modestly elevated gold values, such as HEGZ10-07, which displays very well defined moderate to strong “P suite” depletion (fig. 40). The exception for the “P suite” elements in well-mineralized holes, such as hole HEGZ10-20, is actually phosphorous itself, whose strong depletion inversely mirrors the strong enrichment of the “Au-Ag suite” of elements (fig. 44).

10.5 Diamond Drillcore Geochemical Sampling Procedure & Analytical Techniques

Samples of diamond drillcore selected for geochemical analysis were sawn in half lengthwise with a 14" core saw and placed in strong, well-labelled plastic bags, each their own enclosed laboratory sample tag. The bags were then sealed with flagging tape, placed in rice bags and shipped to ALS Minerals Laboratory in Thunder Bay, ON. The samples were crushed, pulverized, split, and then the splits were analyzed at the ALS laboratory in North Vancouver, BC. The analytical work consisted of an aqua regia digestion with analysis for 35 elements by Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES). Gold was analyzed via a 30 gram fire assay fusion with an atomic absorption spectrophotometry (AAS) finish (Appendix V). Overlimits for Ag (>100 g/t), Cu (>1%), Pb (>1%), and Zn (>1%) were analyzed with an aqua regia digestion with an ICP-AES or AAS finish. Overlimits for Au (>10 g/t) were analyzed by fire assay with a gravimetric finish.

10.6 Drill Core Blank and Duplicate Analyses

For quality assurance and quality control, apart from the standard in-house laboratory quality assurance/quality control procedures applied by Chemex, blank samples were collected from the Pukaskwa batholith (foliated granite) intersected in HEGZ10-01 and 02 (Table 3). The granite blanks were inserted into the sample stream in somewhat random fashion, once every 8 to 15 samples, with at least one blank added into each Gouda Lake zone sample sequence. Since the core used for the blanks was also sawn, the halved blank core samples acted as duplicate analyses for further quality control. Tables 3 and 4 demonstrate that the blank analyses were reproducible and of good quality, and they show that the results reported herein for the Gouda Lake zone sampling are accurate, and have few, if any, contamination issues.

Table 3. Blank and duplicate lithogeochemical results from the Gouda Lake drill program, Hemlo East property.

Hole Number	From (m)	To (m)	Length (m)	Lab Number	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	Zn ppm
GEHZ10-01	142.03	142.68	0.65	E559512A	<0.005	<0.2	0.5	<2	40	<2	0.39	3	4	10	1.29	<1	0.18	0.24	133	<1	0.11	1	380	<2	0.11	<2	1	41	0.12	20	36
				no duplicate																											
GEHZ10-01	142.68	143.36	0.68	E559521A	<0.005	<0.2	0.5	<2	50	<2	0.36	4	5	12	1.31	<1	0.2	0.26	149	<1	0.1	<1	360	3	0.09	<2	1	40	0.11	22	62
				no duplicate																											
GEHZ10-01	143.36	144.07	0.71	E559528A	<0.005	<0.2	0.51	<2	30	<2	0.39	3	7	10	1.29	<1	0.19	0.28	143	<1	0.1	<1	370	<2	0.11	<2	1	45	0.11	21	38
				E563473	<0.005	<0.2	0.47	<2	30	<2	0.37	4	5	11	1.27	<1	0.17	0.28	141	<1	0.09	2	360	<2	0.07	<2	1	38	0.1	20	37
GEHZ10-01	144.07	144.78	0.71	E559535A	<0.005	<0.2	0.55	<2	40	166	0.31	4	7	15	1.33	<1	0.24	0.28	147	110	0.1	2	340	2	0.16	<2	1	41	0.1	21	57
				E563250A	<0.005	<0.2	0.62	<2	50	<2	0.34	3	9	15	1.36	<1	0.28	0.29	158	104	0.14	4	350	5	0.13	<2	1	53	0.12	22	46
GEHZ10-01	144.78	145.50	0.72	E563237A	<0.005	<0.2	1.18	2	50	<2	0.61	4	7	11	1.35	<1	0.31	0.36	162	1	0.16	3	360	2	0.08	<2	1	62	0.11	20	45
				E563406A	<0.005	<0.2	0.58	<2	50	<2	0.34	3	6	10	1.32	<1	0.31	0.26	151	<1	0.12	<1	360	5	0.07	<2	1	49	0.13	22	56
GEHZ10-01	145.50	146.23	0.73	E563243A	<0.005	0.3	0.56	<2	40	<2	0.31	3	5	11	1.41	<1	0.28	0.27	152	<1	0.1	<1	350	5	0.08	<2	1	41	0.11	22	71
				E562519	<0.005	<0.2	0.57	<2	40	<2	0.33	4	5	6	1.42	<1	0.28	0.28	158	<1	0.1	3	370	<2	0.05	<2	1	40	0.12	23	49
GEHZ10-01	146.23	146.86	0.63	E559547	<0.005	0.2	0.68	<2	50	2	0.37	3	7	11	1.43	<1	0.31	0.32	165	258	0.14	2	370	<2	0.12	<2	1	56	0.12	23	49
				E562511	<0.005	0.2	0.63	<2	40	8	0.35	4	5	17	1.56	<1	0.31	0.33	176	454	0.1	3	390	<2	0.17	<2	1	46	0.13	24	62
GEHZ10-01	146.86	147.63	0.77	E563451	0.022	<0.2	0.65	<2	50	<2	0.33	4	6	7	1.36	<1	0.3	0.31	163	<1	0.12	2	350	<2	0.06	<2	1	50	0.12	23	50
				no duplicate																											
GEHZ10-01	147.63	148.38	0.75	E563480	<0.005	<0.2	0.54	<2	40	2	0.29	4	6	7	1.49	<1	0.25	0.31	170	<1	0.08	2	350	<2	0.05	<2	1	38	0.11	22	51
				E559626	<0.005	<0.2	0.62	<2	40	<2	0.33	4	6	3	1.57	<1	0.28	0.33	180	<1	0.1	2	380	2	0.03	<2	1	49	0.12	23	51
GEHZ10-01	148.38	149.04	0.66	E563496	<0.005	<0.2	0.58	<2	40	<2	0.33	4	9	11	1.57	1	0.27	0.33	170	<1	0.1	2	380	<2	0.09	<2	1	44	0.12	24	48
				E559616	<0.005	<0.2	0.57	<2	40	2	0.32	4	5	8	1.39	<1	0.25	0.29	161	<1	0.1	1	350	<2	0.05	<2	1	49	0.11	22	46
GEHZ10-01	149.04	149.75	0.71	E559578	<0.005	<0.2	0.6	<2	40	<2	0.33	5	6	6	1.45	<1	0.28	0.31	167	<1	0.1	3	380	<2	0.04	<2	1	43	0.12	23	49
				E562546	<0.005	<0.2	0.61	<2	40	<2	0.33	3	5	5	1.44	<1	0.28	0.3	168	<1	0.11	1	350	<2	0.04	<2	1	50	0.12	22	48
GEHZ10-01	149.75	150.40	0.65	E559586	<0.005	<0.2	0.59	<2	40	<2	0.34	4	7	7	1.53	1	0.29	0.31	169	<1	0.11	1	380	<2	0.08	<2	1	44	0.12	24	48
				E562557	<0.005	<0.2	0.58	<2	40	<2	0.32	4	8	15	1.48	<1	0.27	0.28	165	<1	0.11	3	340	11	0.12	<2	1	45	0.11	21	**101**
GEHZ10-01	150.40	151.08	0.68	E559608	<0.005	<0.2	0.5	<2	40	<2	0.51	4	7	29	1.31	<1	0.23	0.29	151	<1	0.09	6	380	5	0.15	<2	1	43	0.11	20	41
				E559634	<0.005	<0.2	0.49	<2	40	<2	0.38	3	6	28	1.3	<1	0.23	0.27	138	<1	0.09	3	400	2	0.2	<2	1	38	0.1	19	36
GEHZ10-01	151.80	152.40	0.60	E559595	<0.005	<0.2	0.46	<2	30	<2	0.34	4	5	13	1.25	<1	0.2	0.22	129	4	0.1	2	350	<2	0.11	<2	1	36	0.12	19	38
				no duplicate																											
GEHZ10-01	152.40	153.10	0.70	E562531	<0.005	<0.2	0.58	<2	40	<2	0.33	4	5	7	1.42	<1	0.29	0.28	165	<1	0.1	3	380	<2	0.06	<2	1	44	0.13	23	49
				no duplicate																											
GEHZ10-01	153.10	153.89	0.79	E559559	<0.005	<0.2	0.56	<2	50	<2	0.31	4	4	10	1.4	<1	0.31	0.29	156	<1	0.1	1	340	<2	0.06	<2	1	41	0.12	22	48
				no duplicate																											
GEHZ10-01	153.89	154.65	0.76	E559568	<0.005	<0.2	0.51	<2	40	<2	0.32	3	4	5	1.28	<1	0.25	0.25	150	<1	0.1	2	330	<2	0.02	<2	1	39	0.12	20	62
				E559651	<0.005	<0.2	0.65	<2	50	<2	0.36	3	7	8	1.53	<1	0.31	0.3	174	<1	0.13	3	390	3	0.02	<2	1	54	0.12	24	63
GEHZ10-01	154.65	155.45	0.80	E562502	<0.005	<0.2	0.51	<2	40	<2	0.31	3	6	7	1.3	<1	0.26	0.26	147	<1	0.09	1	370	<2	0.04	<2	1	35	0.12	21	46
				no duplicate																											
GEHZ10-02	142.33	143.05	0.72	E559661	<0.005	<0.2	0.61	<2	50	<2	0.34	3	6	3	1.56	<1	0.3	0.31	183	<1	0.12	2	390	3	<0.01	<2	1	40	0.12	25	54
				E559626	<0.005	<0.2	0.62	<2	40	<2	0.33	4	6	3	1.57	<1	0.28	0.33	180	<1	0.1	2	380	2	0.03	<2	1	49	0.12	23	51
GEHZ10-02	143.05	143.70	0.65	E562600	<0.005	<0.2	0.58	<2	50	<2	0.34	4	6	2	1.5	<1	0.26	0.28	178	<1	0.11	1	380	<2	0.02	<2	1	36	0.13	24	52
				E562616	<0.005	<0.2	0.52	5	40	<2	0.31	4	6	6	1.56	<1	0.28	0.29	170	<1	0.08	<1	380	3	0.03	<2	1	30	0.13	24	49
GEHZ10-02	143.70	144.47	0.77	E562582	<0.005	<0.2	0.57	3	50	<2	0.33	4	6	13	1.6	1	0.28	0.31	178	<1	0.1	2	400	<2	0.06	<2	1	36	0.13	25	50
				E559643	<0.005	<0.2	0.52	2	40	<2	0.36	2	7	13	1.37	<1	0.22	0.25	141	33	0.11	4	370	2	0.09	2	1	42	0.11	21	41
GEHZ10-02	144.47	145.17	0.70	E562631	<0.005	<0.2	0.59	<2	40	<2	0.3	4	5	20	1.6	<1	0.32	0.31	195	<1	0.09	<1	380	7	0.21	<2	1	41	0.13	22	58
				E559671		0.2	0.62	<2	50	<2	0.29	4	5	24	1.5	<1	0.33	0.31	191	<1	0.09	1	370	3	0.19	<2	1	43	0.12	21	57
GEHZ10-02	145.17	145.84	0.67	E562564	<0.005	<0.2	0.49	<2	40	<2	0.31	4	6	4	1.36	<1	0.23	0.25	151	<1	0.08	1	350	<2	0.01	<2	1	31	0.12	23	46
				E563459	<0.005	<0.2	0.59	3	50	<2	0.44	4	5	12	1.33	<1	0.22	0.28	148	<1	0.14	2	400	<2	0.06	<2	2	47	0.13	25	45
GEHZ10-02	145.84	146.54	0.70	E562667		<0.2	0.57	<2	30	<2	0.28	3	6	19	1.46	<1	0.29	0.28	179	<1	0.09	2	330	5	0.15	<2	1	38	0.11	21	51
				E559681		<0.2	0.58	<2	40	<2	0.29	3	5	15	1.43	<1	0.3	0.3	174	<1	0.09	1	360	<2	0.06	<2	1	36	0.11	22	49
GEHZ10-02	146.54	147.17	0.63	E562643		<0.2	0.53	2	40	<2	0.27	4	5	4	1.33	<1	0.23	0.26	163	<1	0.09	2	340	3	0.03	<2	1	39	0.11	20	50
				E562656		<0.2	0.54	2	40	<2	0.25	4	5	4	1.32	<1	0.25	0.26	163	<1	0.09	1	350	3	0.08	<2	1	36	0.11	20	48

Table 4. Descriptive statistical results for blank and duplicate analyses of Cu, Pb, and Zn, Gouda Lake drill program, Hemlo East property.

	Cu	*Pb*	*Zn*
Mean	10.63	2.30	50.79
Standard Error	0.97	0.31	1.66
Median	10	1	49
Mode	11	1	49
Standard Deviation	6.37	2.05	10.90
Sample Variance	40.57	4.22	118.79
Range	27	10	65
Minimum	2	1	36
Maximum	29	11	101
Sum	457	99	2184
Count	43	43	43
Confidence Level(95.0%)	1.96	0.63	3.35

Typically, where anomalous values were present in the blank dataset, the duplicate analyses demonstrated the same result (e.g. molybdenum results for samples E559535A and E563250A; Table 3). Results for gold were all below trace (<5 ppb) with the exception of one sample, which returned a value of 0.022 ppm Au and which, unfortunately, the matching half of the core was not submitted. It is therefore not certain whether this slight enrichment in gold represents contamination in the laboratory, or if the Au values were very mildly elevated in this of the Pukaskwa batholith (Table 3). All other element values from this blank, E563451, were comparable to those of the rest of the blank population. Silver values, like the gold values, were also mostly below the detection limit, and for the 4 exceptions, they were only 0.1 ppm above the limit, so all values were well within one standard deviation of the mean value of the blank samples (Table 3). The average Cu value in the blank material was calculated to be 10 ppm, and all values outside of 1 standard deviation (6 ppm Cu) were, without exception, well within one standard deviation of their duplicate (Table 4). Similar results were also returned for Pb and Zn, but with one exception. Sample E562557 had outlying data for both Pb and Zn, with the values of 11 ppm Pb and 101 ppm Zn being significantly different from those of its duplicate, sample E559586, which returned 1 ppm Pb and 48 ppm Zn (Tables 3 and 4). The variance between these samples may be explained by lab cross-contamination, as the sample batch it was assayed with, which came from drillhole HEGZ10-14, had values ranging up to 4440 ppm Pb and 1.37% Zn (Appendix V). This result demonstrates what we feel is the only probable example of contamination within the blank sample suite. One other outlier from the blank sample suite does remain unexplained, however. It is in the Bi dataset, where sample E559535A returned a result of 166 ppm Bi, which is very elevated. Its duplicate half returned a value below the detection limit (<2 ppm Bi), and this was similar to the results for Bi of the other blank samples (Table 2). Contamination is not an adequate explanation since the sample string in which it was submitted all returned Bi values less than 29 ppm.

11.0 Discussion, Conclusions and Recommendations

The results of MetalCorp's 2010 drill program, which had a very high success rate, suggest that the Gouda Lake zone continues to represent an excellent polymetallic precious and base metals exploration target. While the zone has been strongly overprinted by metamorphism and deformation, it boasts grade, continuity, and significant thickness in its central core, and it remains open down-plunge to the north-northwest. The sulphide mineralization making up the gold mineralized zone is consistently hosted near the base of the Gouda Lake horizon, a 10 to 20 metre thick quartz- and white mica-bearing schist which likely represents metamorphosed felsic volcanic and derived sedimentary rocks.

The central core of the Gouda Lake mineralized zone, which likely corresponds, in part, with Lac's informal Gouda Lake resource, is a zone varying in thickness from 1 to 6 metres. The zone typically consists of intervals of dcm-thick disseminated to heavily disseminated sulphides which alternate with intervals of semi-massive to massive sulphides. In general, a higher overall abundance of sulphides across the mineralized zone in this core area is a good indicator of grade for both precious and base metals, although the highest gold grades for individual samples do not necessarily correspond directly with massive or semi-massive sulphide intervals. Intervals of disseminated to heavily disseminated sulphides are typically fine-grained, foliated, and layered on the mm-scale. They consist mainly of pyrite (10-30%), with up to 10% associated sphalerite. The intervals of semi-massive to massive sulphides which they alternate with consist of coarse-grained pyrite (50-80%) along with sphalerite +/- galena, pyrrhotite, and chalcopyrite. As might be expected, zinc, lead, and copper grades are closely tied to the abundance of sphalerite, galena, and chalcopyrite, respectively; silver grades vary closely with the abundance of galena.

Locally, the Gouda Lake mineralized zone returned grades ranging up to 5.22 g/t Au, 145 g/t Ag, 0.09% Pb, and 0.94% Zn over a very considerable thickness of 5.6 m (HEGZ10-20). Higher-grade results such as this come from a well-defined the core area (fig. 38), which appears to represent a linear trough which tapers both eastward and westward, and which rakes to the north-northwest within the moderately north-dipping Gouda Lake schist. The trough, which is not sharply defined along its margins, measures approximately 300 metres east-west across strike near surface, and it has been traced as much as 200 metres down-plunge. Within this core area, eleven drill intersections in MetalCorp's 2010 drill program average 2.8 g/t Au, 87 g/t Ag, 0.17% Pb, and 1.01% Zn over 3.5 metres, which at current metal prices equates to 5.74 g/t gold over 3.5 metres. The core area remains open down-plunge, and because the Gouda Lake horizon in that area is still relatively shallow (approximately 150 to 200 metres below surface), it represents a high-priority exploration target. Outside of the core area, the Gouda Lake zone shows much less consistency, but drillholes such as HEGZ10-10, which returned 4.40 g/t Au over 3.66 m, suggest that more work needs to be done to understand what the controls are on mineralization in those areas.

Our currently favoured interpretation is that the Gouda Lake mineralizing system represents a metamorphosed volcanogenic massive sulphide (VMS) system. This is supported by the fact that: 1) the suite of economically significant metals (Au, Ag, Zn, Zn, Pb, Cu) in the Gouda Lake zone, is common to VMS systems, 2) the zone and its altered immediate host rocks, the Gouda Lake horizon, appear to be stratiform in nature and have been tracked in outcrop and in drilling for as much as 3 kilometres along strike and over 500 metres down-dip, and 3) the mineralized and altered zone are directly associated with were likely felsic volcanic rocks, and that they occur near the contact between mafic and felsic end-members of a widespread suite of bimodal volcanic and associated volcanic-derived sedimentary rocks. While this interpretation remains just that, it is exciting given that the Gouda Lake zone, where examined to date, appears to be distal to a mineralizing center (e.g., no obvious discordant highly altered footwall "feeder" zone, no thick accumulations of massive sulphide). Tracking the mineralization toward such a hypothetical center remains an attractive possibility, in part because of the highly-enriched precious metals values encountered to date in the Gouda Lake system (high precious metals tenor sulphides), and in part because of the a very extensive hydrothermal and alteration system manifest in the host Gouda Lake horizon. The latter observation suggests that the more proximal part of the mineralizing system may be very robust (i.e., big!) and the former observation suggests that in that more proximal part, if the sulphides are more abundant, as might be expected, the precious metals valuse could be very high.

More drilling is highly recommended for the Gouda Lake property. The general plan for the drilling should be to trace the "core area" of the Gouda Lake zone down-plunge to the north-northwest within the north-dipping Gouda Lake horizon. Follow-up holes down-plunge on the zone from drillholes HEGZ10-24 and HEGZ10-20 (fig. 30) are an obvious place to begin. Initially this could be done with either a vertical hole from the same setup as HEGZ10-24, or as step-back to the north. The latter would necessitate drilling between two northwest trending diabase dykes (fig. 24), and with that comes the possibility of being "dyked-out" or "intruded-out," as occurred in drillholes HEGZ10-25 and 26 in the 2010 program. Follow-up drilling should also be undertaken down-dip and/or along trend from the section on which holes HEGZ10-25, 26, and 27 were drilled. In spite of the fact that the zone was dyked-out in holes HEGZ10-25 and 26, the fact that it was intersected in drillhole HEGZ10-27 demonstrates clearly that the zone is still present and is carrying good grades in that area. As a start, a steep drillhole is recommended from the same set up as HEGZ10-26.

Other parts of the Gouda Lake area also merit further exploration. To expand the exploration area, it is recommended that lines 1W to 10W on the Gouda Lake grid be extended at least 500 metres to the north, in part to test a previously-mapped sericite schist horizon. Before any drilling is undertaken, and indeed, before even any ground geophysical surveying is completed, it would probably be wise to run a soil geochemical survey over that part of the property. Should the results of the soil geochemistry prove encouraging, it would then be worthwhile to survey the area with ground IP, and to compare the results with those from the Gouda Horizon. Given that there are number of lakes, large and small, and that the ground is locally swampy, the IP survey may best be run in the winter (figs. 7 to 9). Extending the grid to the west north of the present baseline is also advised. This is so that the well-developed chargeability anomaly on lines 8W to 10W, and the northern white mica schist can be more completely evaluated. The area so encompassed lies west of Duck Lake and has not been drill tested.

Alternatively, a still more aggressive approach could be undertaken. We still feel that the possibility of extending the Gouda Lake grid across most of the breadth of the “Carroll Option” area, and perhaps beyond (particularly to the east and east-northeast), is warranted. The Carroll grid area is bound on the west and north by the White River, on the east by Pickeral Bay, and on the south by the contact with the Pukaskwa batholith. Given that the results of Lac’s humus geochemical surveys across the Hemlo East property were of debatable merit, but that other “conventional” multi-element soil geochemical surveys in the Hemlo region have yielded what appear to be credible results, it is our feeling that the geochemical expression, in soils, of the known hydrothermal systems in the Gouda Lake area (including those in the DC-TC lakes area, and that at

Thor Ponds) have not been adequately evaluated. These systems have well-developed polymetallic signatures, and relatively tight soil geochemical coverage over this part of the property, if the sampling is undertaken with care (e.g., avoid sampling in swamps, etc.), will yield excellent targets for follow-up. Cutting a grid, or grids, for this purpose would also provide excellent access for some directed geologic mapping. Given the amount and apparent high quality of Lac's mapping, in particular, and given that Fage in his M.Sc. work has established an excellent whole rock geochemical and geochronologic database from which to build on, it seems unnecessary to re-map this part of the property at this time. That being said, however, it does seem wise to build on and utilize the knowledge gained, and to undertake some further sampling, mapping, and prospecting in order to generate more exploration targets on the southwestern part of the Python claim group.

In light of the results of MetalCorp's 2010 drilling, further research should also be directed toward the work done previously in the Gouda Lake area, and along trend, by Lac Minerals, Teck Exploration, and Placer Dome. Revisiting their work in light of what we have learned from the Gouda Lake horizon drilling, and in light of the drilling done to the north on the Upper Anomalous zone in the winter of 2009-2010, could help set the stage for fruitful directed geologic mapping. For example, tracing out the felsic metavolcanic horizons found between the Gouda Lake area on the south and the Thor Ponds–DC/TC lakes area on the north, to the east toward eastern part of the Python claim group could prove valuable. This would, in part, to be to determine how they are related to, or how they may link up with (or are offset from), their northern, and essentially age-equivalent counterparts in the vicinity of the Egg Lake-Au Lake area, immediately east of Hemlo.

12.0 Acknowledgements

Thanks are due to all of those who helped us plan, execute, and complete all of our exploration work in 2010. In particular, we thank “Ex-Lacs” David Adamson and Andy Campbell, representatives of the Pic Mobert Band, Rob Ruekl of Barrick’s Hemlo mine, Adam Fage, Kimberly “Cookie” Schweitzer (for her amazingly good meals, and for going way above and beyond the call of duty), Brittney “Gum Boots” Bidlake for her long days of core cutting, Rachel Harris, Rachel Peterson, and Rachel Porteous for their core-logging expertise, Patrick Laframboise, the Gagné boys, and of course, the crew of Full Force Diamond Drilling for their +300ft shifts.

13.0 References

Adamson, D., 1991, Diamond Drill Report, Brothers Township, unpublished assessment report on behalf of Lac Minerals Exploration Ltd.; Ministry of Northern Development and Mines, Assessment Report No. 42C12NE0057, 111p.

Corfu, F., and Muir, T.L., 1989, The Hemlo-Heron Bay greenstone belt and Hemlo Au-Mo deposit, Superior province, Canada, 1: Sequence of igneous activity determined by zircon U-Pb geochronology: Chemical Geology (Isotope Geoscience Section), v.79, p.183-200

Dubé, B., Gosselin, P. Mercier-Langevin, P., Hannington, M., and Galley, A., 2007, Gold-rich volcanogenic massive sulphide deposits, *in* Goodfellow, W.D., ed., Mineral Deposits of Canada: A Synthesis of Major Deposit-Types, District Metallogeny, the Evolution of Geological Provinces, and Exploration Methods: Geological Association of Canada, Mineral Deposits Division, Special Publication No. 5, p.75-94.

Eveleigh, A., and Carey, G., 2007, Form 43-101 Technical Report on the Python Project, Laberge, McCron, and Oskabukuta Townships, Marathon, Ontario: unpublished report on behalf of MetalCorp Ltd., 40p.

Fage, A., 2011, Geology, Geochemistry and Geochronology of the Hemlo East Property, Schreiber-Hemlo Greenstone Belt, Ontario: Unpublished M.Sc. Thesis, Lakehead University, Thunder Bay, Ontario, 155p.

Guthrie, A.E., 1985, Geological Report, unpublished assessment report on behalf of Lac Minerals Ltd.; Ministry of Northern Development and Mines, Assessment Report No. 42C12NW0164, 54p.

Harvey, J.D., 1968, Diamond drill logs, Area of White Lake (southern part), Report No. 10, unpublished assessment report on behalf of Mattagami Lake Mines (Carroll Option); Ministry of Northen Development and Mines, Assessment Report No. 42C12NE0052, 23p.

Lin, S., 2001, Stratigraphic and Structural Setting of the Hemlo Gold Deposit, Ontario, Canada: Economic Geology, v.96, p.477-507

Jackson, S.L. 1998. Stratigraphy, structure and metamorphism; Part 1, p.1-58, in S.L. Jackson, G.P. Beakhouse and D.W. Davis, Geological Setting of the Hemlo Gold Deposit; an Interim Progress Report, Ontario Geological Survey, Open File Report 5977, 121p.

Kerrich, R., Polat, A., Wyman, D., and Hollings, P., 1999, Trace element systematic of Mg- to Fe-tholeiitic basalt suites of the Superior Province: implications for Archean mantle reservoirs and greenstone belt genesis: Lithos, v.46, p. 163-187

McIlveen, D., Perkins, M., and Stanley, M., 1984, Geological Report, Property N-13, White River Claim Group, unpublished assessment report on behalf of Lac Minerals Ltd.; Ministry of Northern Development and Mines, Assessment Report No. 42C12NE0127, 27p.

Muir, T.L., 1997, Precambrian Geology, Hemlo gold deposit area: Ontario Geological Survey, Report 289, 219 p.

Muir, T.L., 2002, The Hemlo gold deposit, Ontario, Canada: principal deposit characteristics and constraints on mineralization: Ore Geology Reviews, v.21, p. 1-66.

Paakki, J., 2002, Assessment Report on the 2001 Exploration Program on the White River Property, Bomby, Brothers and Laberge Townships, Ontario, unpublished assessment report on behalf of Teck Cominco Ltd.; Ministry of Northern Development and Mines, Assessment Report No. 42C12NE2005, 208p.

Pan, Y., and Fleet, M.E., 1993, Polymetamorphism in the late Archean Hemlo-Heron Bay greenstone belt, Superior Province: P-T variations and implications for tectonic evolution: Canadian Journal of Earth Sciences, v.30, p.985-996

Pan, Y., and Fleet, M.E., 1995, The late Archean Hemlo gold deposit, Ontario, Canada: a review and synthesis: Ore Geology Reviews, v.9, p.455-488

Percival, J., 2006, Geology and metallogeny of the Superior Province, Canada: Geological Survey of Canada; http://gsc.nrcan.gc.ca/mindep/synth_prov/superior/pdf/regional_synthesis. superior.percival.pdf

Polat, A., Kerrich, R., Wyman, D.A. 1998. The late Archean Schreiber-Hemlo and White River-Dayohessarah greenstone belts, Superior Province: collages of oceanic plateaus, oceanic arcs, and subduction-accretion complexes: Tectonophysics, v.289, p.295-326

Polat, A., and Kerrich, R., 1999, Formation of an Archean tectonic mélange in the Schreiber-Hemlo greenstone belt, Superior Province, Canada: Implications for Archean subduction-accretion process: Tectonics, v.18, no. 5, p.733-755

Rinne, M.L., 2009, Seafloor Deposit Models, Geochemistry, and Petrology of the Mafic-Ultramafic Hosted Big Lake VMS Occurrence, Marathon, Ontario: Unpublished M.Sc. Thesis, Lakehead University, Thunder Bay, Ontario, 167 p.

Shevchenko, G., 1995, Geological Mapping Surveys conducted on the White River Property "Main Block", Thunder Bay Mining Division, Ontario, unpublished assessment report on behalf of Placer Dome Canada Ltd.; Ministry of Northern Development and Mines, Assessment Report No. 42C12NE0006, 180p.

Stott, G.M., Corkery, M.T., Percival, J.A., Simard, M., and Goutier, J., 2010, A revised terrane subdivision of the Superior Province; *in* Summary of Field Work and Other Activities 2010, Ontario Geological Survey, Open File Report 6260, 20-1 to 20-10.

Tomkins, A.G., Pattison, D.R.M., and Zaleski, E., 2004, The Hemlo Gold Deposit, Ontario: An Example of Melting and Mobilization of a Precious Metal-Sulfosalt Assemblage during Amphibolite Facies Metamorphism and Deformation: Economic Geology, v.99, pp.1063-1084

Thompson, M., Galway, C., and Page, R., 1999, 1999 Exploration Program on the White River Property, Bomby, Brothers and Laberge Townships, Ontario, unpublished assessment report on behalf of Teck Cominco Ltd.; Ministry of Northern Development and Mines, Assessment Report No. 42C12NE2003, 362p.

Thompson, M., and Paakki, J., 2001, The 2000 Exploration Program on the White River Property, Bomby, Brothers and Laberge Townships, Ontario, unpublished assessment report on behalf of Teck Cominco Ltd.; Ministry of Northern Development and Mines, Assessment Report No. 42C12NE2004, 321p.

Williams, H.R., Stott, G.M., Heather, K.B., Muir, T.L., and Sage, R.P., 1991, Wawa Subprovince, in Thurston, P.C., et al. ed., Geology of Ontario: Ontraio Geological Survey, Special Volume 4/I, p.485-539

Appendix I. 2010 Ground Survey Geophysical Report & Profiles

LOGISTICAL REPORT FOR
INDUCED POLARIZATION/MAGNETOMETER GEOPHYSICAL SURVEYS
PERFORMED ON THE GOUDA GOLD PROJECT
WHITE RIVER AREA, ONTARIO

WORK PERFORMED: AUGUST – SEPTEMBER 2010

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October 11, 2010

SUMMARY

During the 31 day period of August 25th through September 24th 2010, MetalCorp Ltd. commissioned RDF Consulting Ltd. of St. John's, Newfoundland to perform Induced Polarization/Resistivity and total field magnetometer geophysical surveys on its Gouda Gold Property located near the community of White River in Northern Ontario. A total of 23.45 line kilometers of IP/Resistivity and 20.00 kilometers of total field magnetics surveying were completed during the program. The IP survey was performed using a Pole- Dipole array consisting of eight dipoles with an "a"-spacing of 25 meters. Effective depth of penetration using this method is approximately 100 meters. A deeper looking array was used on three selected lines and depth of penetration was achieved up to 200 meters depth. The magnetometer survey was completed in walking mode with readings collected every two seconds over all grid lines. The survey employed the use of a base station to correct for the diurnal variation of the earth's magnetic field.

The geophysical techniques were performed in an attempt to delineate the known gold mineralization at Gouda and to gain a better understanding of local geology of the area in preparation for an upcoming drill program. Geophysical results were of high quality and proved very successful in outlining the main Gouda Gold Zone, mapping subsurface geology and delineating additional anomalies of interest. Ground conditions were very conducive to the Induced Polarization method and good signal to noise ratios were achieved throughout most of the grid.

The following is a basic logistical report that summarizes the survey methodology and logistics involved in performing the induced polarization and magnetic geophysical surveys. A detailed interpretation of the data has not been requested by MetalCorp Ltd. All pseudosections, stacked pseudosections, contour maps, field notes and data files produced for this report have been appended to the accompanying data CD.

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I. INTRODUCTION

Scope

This report summarizes the logistics and other information relating to induced polarization/resistivity and total field magnetometer geophysical surveys performed on the Gouda Grid located approximately 33 kilometers west-northwest from the community of White River, Ontario (Figure 1). MetalCorp Ltd. commissioned ***RDF*** Consulting Ltd. between August 25th through September 24th, 2010 to perform these surveys.

RDF Consulting Ltd. completed a total of 23.45 line kilometers of induced polarization and 21.00 line kilometers of total field magnetics over the Gouda grid area. The surveys were performed in an attempt to delineate the known gold mineralization in the area, gain a better understanding of the local geology and identify additional targets of interest. The program proved successful in outlining the main Gouda gold zone and several new anomalies of interested were identified by the survey. A detailed interpretation of the survey results has not requested by MetalCorp Ltd.

Grid Location and Access

Access to the Gouda grid area was obtained by a one hour drive through a series of logging roads in the area. The Property lies approximately 33 kilometers west-northwest of the Town of White River which can be accessed along Highway 17 from Thunder Bay. The Gouda Grid area is locally hilly and small scale cliffs in the area slowed survey production. Figures 1 shows the general property location and grid map for the Gouda Grid.

Personnel

Table 1 summarizes all RDF personnel involved in performing and finalizing geophysical work on the Gouda Gold Project.

Name	Address	Dates Worked	Work Done
Dean Fraser (P.Geo.)	St. John's, Newfoundland		Supervision and Report
Nicole Fortin	Kapuskasing, Ontario	Aug. 25- Sept. 24, 2010	Operator
Chris Prest	Larder Lake, Ontario	Aug. 25- Sept. 24, 2010	Operator
Bill Hume	Kapuskasing, Ontario	Aug. 25- Sept. 24, 2010	Transmitter/Mag operator
Rene McDonald	Thunder Bay, Ontario	Aug. 25- Sept. 24, 2010	Helper
Riley Lawrence	Kirkland Lake, Ontario	Aug. 25- Sept. 24, 2010	Helper
Kevin Combs	Crystal Falls, Ontario	Aug. 25- Sept. 24, 2010	Helper
Graham Stone	Parry Sound, Ontario		Magnetometer operator

Table 1: RDF Personnel employed on the Gouda Geophysical Surveys

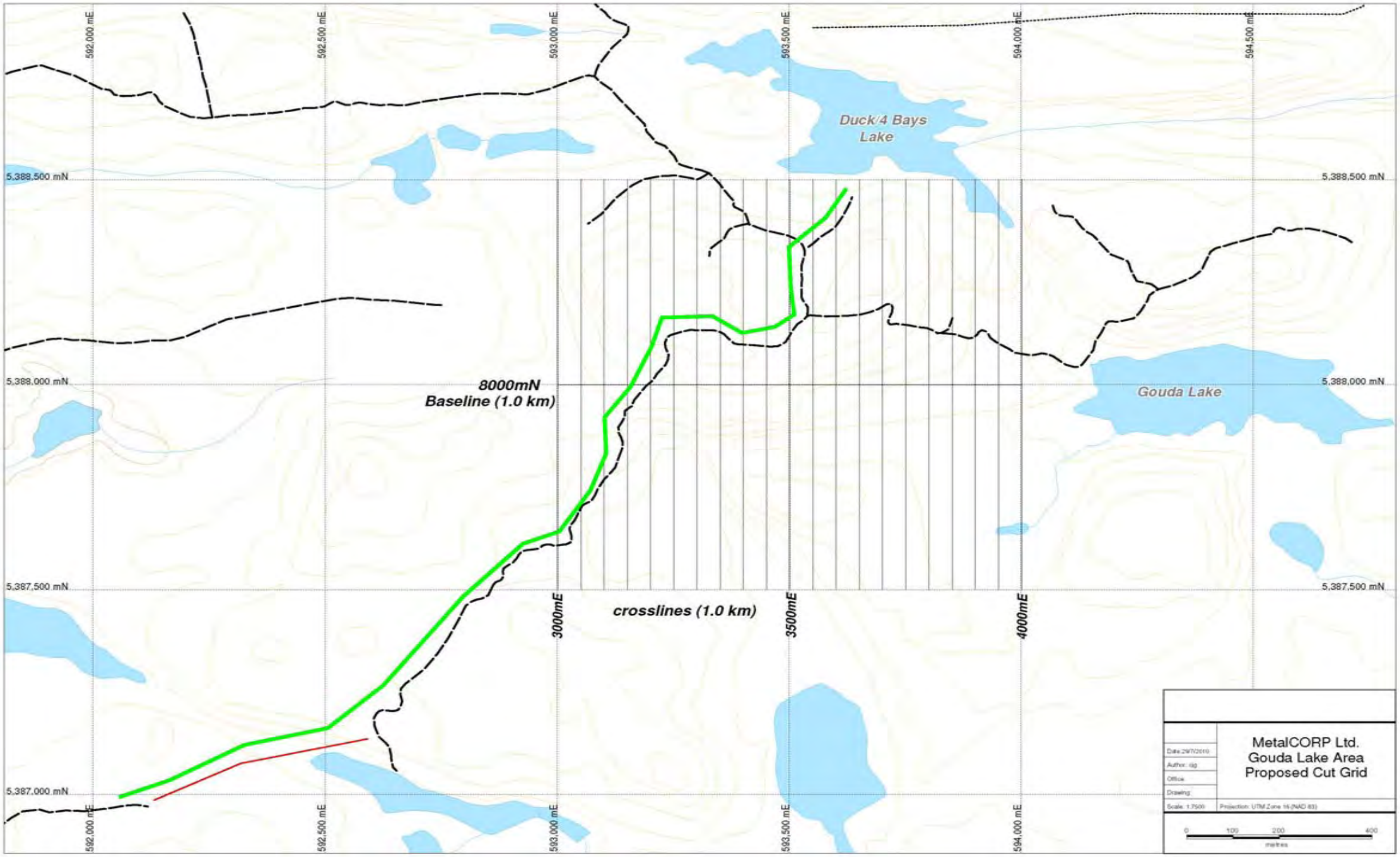


Figure 1: Gouda Gold Property and Grid Location Map (Provided by MetalCorp Ltd.)

II. SURVEY SPECIFICATIONS

Induced Polarization/Resistivity

Table 2 summarizes survey equipment, array type and specifications related to the IP/Resistivity survey performed on the Gouda Gold Property. Appendix A lists the specifications of the State-of-the-Art Scintrex equipment used for the survey.

Receiver	Scintrex IPR-12 (Digital)
Transmitter	Scintrex TSQ-3 (3000W, 10A)
Domain Type	Time Domain
Transmit Cycle Time	2 Seconds
Receive Cycle Time	2 Seconds
Array Type	Pole-Dipole Array
Number of Dipoles	8 (n=8)
Electrode Spacing	"a"=25m and recon "a"=50m
Maximum Depth of Penetration	100m & 200m

Table 2: Induced Polarization/Resistivity Survey Specifications

Magnetometer

Table 3 summarizes survey equipment and relative survey parameters for the magnetometer survey performed on the Gouda Gold Property. Appendix A provides the detailed specifications of the State-of-the-Art Scintrex equipment used on the survey.

Field Magnetometer	Scintrex Envi-Pro Magnetometer
Base Magnetometer	Scintrex Envi Magnetometer/GEM GSM-19
Magnetic Survey Type:	Total Field
Sampling Rate (Base Station)	3 Seconds
Station Reading Interval	Walking Mode (2 second readings)
Base Datum Used	56,500 nT

Table 3: Magnetometer Survey Specifications

III. PRODUCTION SUMMARY

IP/Resistivity Production Summary

Table 4 summarizes survey coverage for the IP/Resistivity geophysical method.

Line Number	Station Number From	Station Number To	Total Distance (km)
Gouda Grid			
25m Dipole Spacing			
L1000W	500S	500N	1.00
L900W	500S	500N	1.00
L800W	500S	500N	1.00
L700W	500S	500N	1.00
L600W	525S	500N	1.025
L500W	500S	500N	1.00
L400W	500S	500N	1.00
L300W	500S	500N	1.00

L20W	500S	500N	1.00
L100W	500S	500N	1.00
L0E	500S	500N	1.00
L100E	500S	500N	1.00
L200E	500S	500N	1.00
L300E	500S	500N	1.00
L400E	500S	500N	1.00
L500E	500S	500N	1.00
L600E	500S	500N	1.00
L700E	500S	500N	1.00
L800E	500S	475N	0.975
L900E	500S	500N	1.00
L1000E	500S	500N	1.00
50m Dipole Spacing			
L500W	450S	500N	0.950
L500E	450S	200N	0.650
L900E	400S	450N	0.850
		Total:	**23.45 km**

Table 4: Induced Polarization/Resistivity Survey Production Summary

Total Field Magnetics Production Summary

Table 5 summarizes survey coverage for the total field magnetometer geophysical method.

Line Number	Station Number From	Station Number To	Total Distance (km)
Gouda Grid			
L1000W	500S	500N	1.00
L900W	500S	500N	1.00
L800W	500S	500N	1.00
L700W	500S	500N	1.00
L600W	525S	500N	1.025
L500W	500S	500N	1.00
L400W	500S	500N	1.00
L300W	500S	500N	1.00
L20W	500S	500N	1.00
L100W	500S	500N	1.00
L0E	500S	500N	1.00
L100E	500S	500N	1.00
L200E	500S	500N	1.00
L300E	500S	500N	1.00
L400E	500S	500N	1.00
L500E	500S	500N	1.00
L600E	500S	500N	1.00
L700E	500S	500N	1.00
L800E	500S	475N	0.975
L900E	500S	500N	1.00
L1000E	500S	500N	1.00
		Total:	**21.00 km**

Table 5: Total Field Magnetics Survey Production Summary

IV. LOGISTICS DISCUSSION

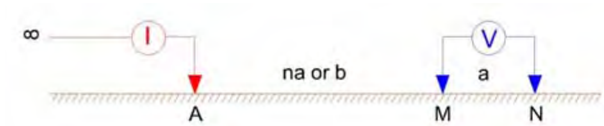
Induced Polarization/Resistivity

The IP/Resistivity survey on the Gouda Gold Property consisted of 23.45 line kilometers of coverage over 21 grid lines. Table 6 provides the infinity location for all lines surveyed. All coordinates are given in UTM NAD83, Zone 16.

Infinity Location	Easting	Northing
Gouda Grid		
Infinity Location	592717	5387011

Table 6: Infinity location

A six man field crew was used to maximize production for the survey. For logistical reasons, lines were read in a south to north direction. Grid lines were spaced approximately 50 meters apart in the field however, line numbering has been done in intervals of 100 meters. As indicated in Section II, Survey Specifications, a pole-dipole array was used. This electrode configuration consisted of 8 dipoles (n=1 to n=8) read simultaneously at an "a"-spacing of 25 meters. Maximum depth of penetration achieved by this setup is 100 meters. A deeper looking array was used on three selected lines. For the deeper penetrating test survey, eight dipoles were read at an "a"-spacing of 50m resulting in a penetration depth of 200m. A schematic showing the generalized set up is provided below:



Field logistics for the survey involved placing a set of "infinity" electrodes a considerable distance from the north end of the grid lines where it does not move for the entire survey. These electrodes are connected by a narrow 18 gauge geophysical wire to the IP transmitter. The IP transmitter location generally remains stationary throughout the survey. The general rule of thumb for such infinity locations is ten times the "a"-spacing times the number of dipoles (10 x (na)). From the transmitter, another set of wires are run to the end of the grid lines being surveyed to close the electrical circuit required to induce a current into the ground. A special 200 meter long potential electrode cable is then attached to the IP receiver and placed along precut and chained grid lines in the pole-dipole configuration. Data is collected at the initial station setup and the entire setup is then leapfrogged to the end of each line collecting data as the operator moves at 25 meter intervals.

At the end of each survey day, data was downloaded to a Laptop computer and processed using the GeoSoft Oasis Montaj V.5.08 data processing software. Pseudosections were generally plotted on a nightly basis and provided to the client.

Magnetometer Method

A total field magnetometer survey was also performed over the Gouda grid. A base station was employed to correct for variations in the earth's magnetic field during surveying. This ensures high quality data is the end result once corrections are made at the end of the field day. The base station is best located in a magnetically "quiet" area near the survey grid. The datum used for the base station corrections was 56,500 nanoteslas. Table 7 provides UTM coordinates for the location of the base station.

A total of 20 line kilometers of data were collected on the grid. Readings were collected on all lines in walking mode. The field magnetometers were set up for two second readings for maximum detailing. Repeat readings were taken if there was any question as to the quality of the data.

Grid Name	**UTM Coordinate (GPS Derived)**	
	Easting	Northing
Gouda Grid	592497	5385557

Table 7: Magnetometer base station locations

At the end of each survey day, data was downloaded to a Laptop computer and processed using the GeoSoft Oasis Montaj V.5.08 data processing software. Data was processed and plotted on a nightly basis. All data was backed up on CD ROM.

FINAL PRESENTATION

The following geophysical maps have been produced as hard copies and are appended to the CD which accompanies this report:

- Individual IP/Resistivity pseudosections (1:2500 & 1:5000)
- M11 Chargeability contour map – n=1 (1:2500)
- Calculated Resistivity contour map – n=1 (1:2500)
- Stacked M11 Chargeability pseudosections (1:2500)
- Stacked Apparent Resistivity pseudosections (1:2500)
- Total Field colour magnetics contour map (1:2500)

Data processing and final presentations were produced using the GeoSoft Oasis Montaj v5.08 geophysical software.

V. CONCLUSIONS AND RECOMMENDATIONS

The data obtained from both the magnetometer and Induced Polarization surveys over the Gouda Property was of high quality. Ground conditions and surficial geology were very conducive to performing the Induced Polarization/Resistivity electrical survey. Good signal to noise ratios were obtained throughout most of the survey area and several high priority anomalous trends were identified.

Daily production rates were consistent over the duration of the survey and no problems were encountered with data. One day was lost as a result of a receiver dumping problem. A one hour daily drive to the grid, several days of lighting, along with hilly/cliff conditions in the grid area slowed production somewhat. Overall, the survey went extremely well and the job was performed in a timely fashion.

A detailed interpretation of the data is necessary to evaluate all anomalies present and to gain a better understanding of its relationship to the project geology prior to drilling. All information pertaining to the survey can be found on the accompanying CD to this report.

VI. CERTIFICATES OF QUALIFICATIONS

I, R. Dean Fraser, of the City of St. John's, Newfoundland do hereby certify:

That I am a registered Professional Geophysicist/Geologist with the Association of Professional Engineers and Geoscientists of Saskatchewan and Newfoundland and Labrador.

That I received my Bachelor of Science degree in Geology/Geophysics from Memorial University of Newfoundland in 1992.

That I have practiced my profession as both an Exploration Geophysicist and Geologist continuously since 1992.

Dated at St. John's, Newfoundland this 12th day of October, 2010.

____

Dean Fraser, P.Geo.

APPENDIX A

Geophysical Equipment Specifications

GSM-19T v7.0

Proton Precession

Magnetometer / Gradiometer / VLF system

The new v7.0 system is the industry's latest innovation in proton precession design - with many new technologies that deliver significant benefits for geophysical applications.

Key technologies include:

* Data export in standard XYZ (i.e. line-oriented)format for easy use in standard commercial software programs
* Programmable export format for full control over output
* GPS elevation values provide input for geophysical modeling
* <1.5m standard GPS for high resolution surveying
* Enhanced GPS positioning resolution
* Multisensor capability of advanced surveys to resolve target geometry
* Picket marketing/annotation for capturing related surveying information on-the-go
* And all of these technologies come complete with the most attractive prices and warranty in the business!

Terraplus Inc.
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For earth science survey groups who require a complete solution for end-to-end magnetic data acquisition at an affordable price, the QuickTrackerTM (GSM-19T) proton precession family is the proven choice - for even the most challenging environments.

From robust field units to efficient survey modes to fast data downloading, QuickTracker is carefully designed to deliver the maximum value in a proton precession system.

The GSM-19T also provides numerous technologies that differentiate it from other systems. For example, it is the only proton precession system with integrated GPS (optional) for high-sensitivity, accurately-positioned ground surveys.

With other v7.0 upgrades, the GSM-19T Proton Precision system also leads in sensitivity, memory, base station technology and other key areas.

Designed from the Ground Up

Leading the list of advances is rover unit which features a 25% increase in sensitivity -- reflecting new processing algorithms and implementation of the latest RISC microprocessors.

In addition, v7.0 standard memory is 16 Mbytes (expandable to 32 Mbytes) which translates into 838,860 readings of line / station data or more than 2,796,202 readings for base station units.

The new memory capacity sets an industry standard, but more importantly, it means that operators can now handle even the largest surveys with ease.

Another important innovation its unique programmable base station which you can enable via either a field unit or a Personal Computer as follows:

Daily scheduling (define working hours and minutes each day). This mode provides economy of memory and battery usage on a daily basis.

Flexible scheduling (up to 30 on / off periods). Simply define a series of intervals and the base station will turn itself on as you need. This mode provides the greatest flexibility for longer surveys where leaving your base station running increases efficiency.

Immediate start. This mode is the traditional mode of starting a base station unit and leaving it until the operator can return to turn off the unit.

Survey Planning & Efficiency

One of the traditional challenges in ground magnetometer / gradiometer surveys is ensuring that surveys are designed and implemented as effectively as possible.

This v7.0 proton precession system, includes additional capabilities, such as the Walking Mag option that enables the operator to sample while walking. Though there is some increase in noise, many users find this is balanced by improved field productivity. Having nearly continous data on survey lines also helps increase the accuracy of interpretations.

Another innovation is GPS way point pre-programming. Now you can define a complete survey in the office on your Personal Computer and download this information directly to a rover unit via RS-232. Then, the operator simply performs the survey using the points as their survey guide -- with a resulting decrease in errors and more rapid survey completion.

Survey Operations

QuickTracker also helps the operator on a daily basis while performing surveys. A key feature is the easy-to-read LCD data display in graphical (or text) format along with a signal quality indicator to determine when readings need to be repeated.

And, although v7.0 proton precession unit is very tolerant to gradients, it also provides a warning indicator so that the operator can monitor data quality continuously. Other features operators appreciate include easy-to-use line and station incrementing -- as well as end-of-line indicators.

Fast Data Transfer

Another traditional area in which time is lost in surveys is in data transfer. The v7.0 addressed this in several ways:

Data download is tripled to 115 KBaud (fastest rate possible with RS-232).

PC-based data reduction is now possible using an upgraded data transfer software version.

GPS & Other Software

Terraplus recently became the first supplier to provide a fully integrated GPS option for its line of proton precession products. Along with metre to sub-metre positioning options, the new processing functionality enables users to take advantage of the benefits of GPS.

GPS Capabilities

- Pre-programming of way points.
- Post-processing of GPS data. DGPS option enables transfer of GPS data for post-processing and merging via 3rd party software.
- Precise time synchronization of field and base station units. This capability is particularly important for working in noisy magnetic conditions and provides the highest accuracy possible.
- In addition to the software provided, Terraplus is also pleased to offer a variety of data analysis and processing software from 3rd party developers.

Ongoing Maintenance and Support

As a potential user of a GSM-19T system -- the industry's end-to-end magnetometer / gradiometer solution -- you should also know that we stand by our technologies, products and services.

Specifications

Performance

Sensitivity:	< 0.1 nT@ 1Hz
Resolution:	0.01 nT
Absolute Accuracy:	1 nT(+/-0.5 nT)
Dynamic Range:	20,000 to 120,000 nT
Gradient Tolerance:	Over 7000 nT/m
Sampling Rate:	1 reading per second up to 60 sec
Operating Temperature:	-40C to +60C

Operating Modes

Manual:	Coordinates, time, date and reading stored automatically at minimum 3 readings per second interval.
Base Station:	Time, date and reading stored at 3 to 60 second intervals.
Remote Control:	Optional remote control using RS-232 interface.
Input / Output:	RS-232 or analog (optional) output using 6-pin weatherproof connector.

Storage - 16Mbytes (# of Readings)

Mobile:	833,860
Base Station:	2,796.202
Gradiometer:	699,050
Walking Mag:	1,677,721

Dimensions

Console:	223 x 69 x 240mm
Sensor:	170 x 71mm diameter cylinder

Weights

Console:	2.1 kg
Sensor and Staff Assembly:	2.2 kg

Standard Components

GSM-19T console, Data transfer software, batteries,
harness, charger, sensor with cable, RS-232 cable, staff, instruction manual and shipping case.

Optional VLF

Frequency Range:	Up to 3 stations between 15 to 30.0 kHz
Parameters:	Vertical in-phase and out-of-phase components as % of total field. 2 relative components of the horizontal field.
Resolution:	0.1% of total field

ENVI PRO

Proton Magnetometer with Integrated GPS

SCINTREX
A DIVISION OF LRS
Setting the Standards

At the core of the ENVI PRO system is a lightweight console with a large display. Included with each system is a GPS antenna, a total field sensor and/or gradiometer sensor, sensor staff, backpack, a rechargeable battery, battery charger, dump cables, utility and mapping software, and a transit case.

APPLICATIONS

Since the ENVI PRO system capabilities are versatile, it can be used in a variety of applications including:

- Mineral Exploration
- Geological Mapping
- Environmental Site Characterization
- Groundwater Exploration
- Groundwater Studies
- Geotechnical Studies
- Civil Engineering
- Archaeology

BENEFITS

The Scintrex ENVI PRO system offers the flexibility to find the increasingly more elusive anomalous targets. A complete ENVI PRO is low cost, lightweight, portable proton precession magnetometer/gradiometer, which enables to survey large areas quickly and accurately.

- Portable Field and Base Station Magnetometer
- True Simultaneous Gradiometer
- GPS Integrated positioning
- Complete with mapping software

Increase Productivity

Sampling rates of 0.5 second, 1 second and 3 seconds can be selected.

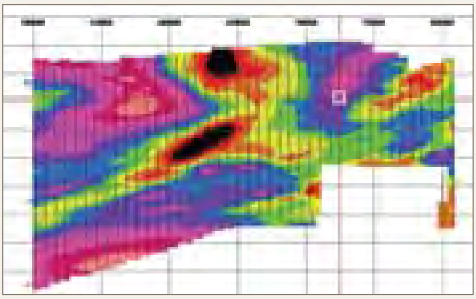
Rapidly Recall Data

For quality of data and for rapid analysis of the magnetic characteristics of the survey line, several modes of review are available. These include the measurements at the last four stations, the ability to scroll through any or all previous readings in memory and a graphic display of the previous data as profiles, line by line.

Simplify Fieldwork

The ENVI PRO system makes surveys easier to conduct:

- Provides simple operator menus
- Presents the data both numerically and graphically
- Calculates statistical error for each measurement
- Provides the ability to remove the coarse magnetic field value or data from the field data to simplify plotting of the field results
- Automatically calculates diurnal corrections
- Allows for hands free operation with the backpack



Data Quality Control and Mapping Software

The software provided offers import and export capabilities, time and date channels, extended spreadsheet, plotting and mapping functionalities. It also includes more advanced data processing tools, such as merging and appending files, data filtering, and interpolation.

ENVI PRO MAG

The ENVI PRO system when configured as a TOTAL FIELD magnetometer is referred to as the ENVI PRO MAG. In this set up the ENVI PRO system can be operated in a traditional “STOP and MEASURE” mode, thus providing the full sensitivity obtainable with a proton magnetometer, ideally suited for mineral exploration. Alternatively, the ENVI PRO MAG can be operated in the “WALKMAG” mode, where readings may be made continuously at a user selectable rate of up to 2 readings per second. Although this marginally reduces the accuracy, it does allow the user to collect increased volumes of data and cover more area in a shorter period of time. This makes the ENVI PRO MAG a very cost effective tool for environmental surveys. The ENVI PRO MAG provides the following information:

- Total Magnetic Field
- Time/Date of Reading
- Coordinates of Reading either in grid format or GPS format
- Statistical Error of the Reading
- Signal Strength and Decay Rate of the Reading

As a magnetic BASE STATION instrument the ENVI PRO MAG can be set up to record variations of the Earth’s magnetic field. Using this information from a stationary ENVI PRO MAG, the total field readings obtained with other field magnetometers can be corrected for these fluctuations, thus improving the accuracy of magnetic data.

All ENVI PRO MAG systems can be operated as either field or base station instruments. The optional base station accessories kit is recommended for base station applications.

ENVI PRO GRAD

The ENVI PRO system configured as an ENVI PRO GRAD enables true simultaneous gradiometer measurements to be obtained. The ENVI PRO GRAD provides an accurate means of measuring both the total field and the gradient of the total field. The system reads the measurements of both sensors simultaneously to calculate the true gradient measurement. In the gradient mode, the ENVI PRO GRAD sharply defines the magnetic responses determined by total field data. It individually delineates closely spaced anomalies rather than collectively identifying them under one broad magnetic response. The ENVI PRO GRAD is well suited for geotechnical and archaeological surveys where small near surface magnetic targets are the object of the survey. In addition, the ENVI PRO GRAD provides the gradient of the total magnetic field.

ENVI PRO SPECIFICATIONS

TOTAL FIELD OPERATING RANGE	23,000 to 100,000 nT (gamma)
TOTAL FIELD ABSOLUTE ACCURACY	±1 nT (gamma)
SENSITIVITY	0.1 nT (gamma) at 2 second sampling rate
TUNING/ SAMPLING	Fully solid state. Manual or automatic, keyboard selectable Cycling (Reading) Rates 0.5, 1, 2, or 3 seconds
GRADIOMETER OPTION	Includes a second sensor, 0.5m (20 inch) staff extender and processor module
GRADIENT TOLERANCE	> 7000 nT (gamma)/m
'WALKMAG' MODE	Continuous reading, cycling as fast as 0.5 seconds
SUPPLIED GPS ACCURACY	+/- 1m (Autonomous), < 1m WAAS Connects to most external GPS receivers with NMEA & PPS output
STANDARD MEMORY	**Total Field Measurements:** 84,000 readings **Gradiometer Measurements:** 67,000 readings **Base Station Measurements:** 500,000 readings
REAL-TIME CLOCK	1 second resolution, ± 1 second stability over 24 hours or GPS time
DIGITAL DATA OUTPUT	RS-232C, USB Adapter
POWER SUPPLY	Rechargeable, 2.9 Ah, lead-acid dry cell battery 12 Volts External 12 Volt input for base station operations
OPERATING TEMPERATURE	-40°C to +60°C (-40°F to 140°F)
DIMENSIONS & WEIGHT	**Console:** 250mm x 152mm x 55mm (10" x 6" x 2.25") 2.45 kg (5.4 lbs) with rechargeable battery **Magnetic Sensor:** 70mm d x 175mm (2.75"d x 7") 1 kg (2.2 lbs) **Gradiometer Sensor:** 70mm d x 675mm (2.75"d x 26.5") (with staff extender) 1.15 kg (2.5 lbs) **Sensor Staff:** 25mm d x 2m (1"d x 76") 0.8 kg (1.75 lbs)
OPTIONS	• Base Station Accessories Kit • Cold Weather Accessories • Additional Software Packages • Training Programs

All specifications subject to change without notice.

Envi Pro system package

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SCINTREX
A DIVISION OF LRS

Setting the Standards

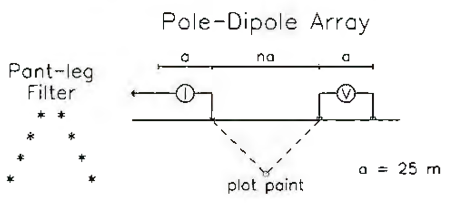
APPENDIX B

IP/Resistivity Pseudosections, Contour Maps, Field Notes, Data Files and Digital Report

(SEE ACCOMPANYING CD)

Stacked Section Map

Calculated Resistivity



SURVEY SPECIFICATIONS

Array Type: Pole- Dipole
Number of Dipoles: 8 (n=8)
Dipole Spacing: 25m "a"=25 meters
Survey Equipment: IPR-12/ TSQ-3 (3000W)
On/Off Time : 2 seconds

Scale 1:2500

25 0 25 50 75 100 125 150

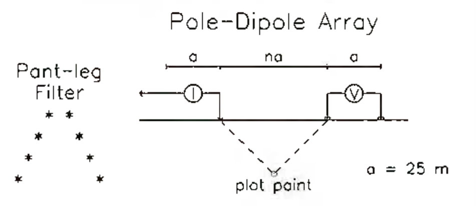
metres

Gouda Gold Project
White River, Ontario
Stacked Apparent Resistivity Sections

Coord System: Local Metric	Scale: 1:5000
RDF Consulting Ltd. Geophysical and Geological Services	Date: September 2010

Geosoft Software for the Earth Sciences

Stacked Section Map
M11 Chargeability



SURVEY SPECIFICATIONS

Array Type: Pole- Dipole
Number of Dipoles: 8 (n=8)
Dipole Spacing: 25m "a"=25 meters
Survey Equipment: IPR-12/ TSQ-3 (3000W)
On/Off Time : 2 seconds

Scale 1:2500

25 0 25 50 75 100 125 150

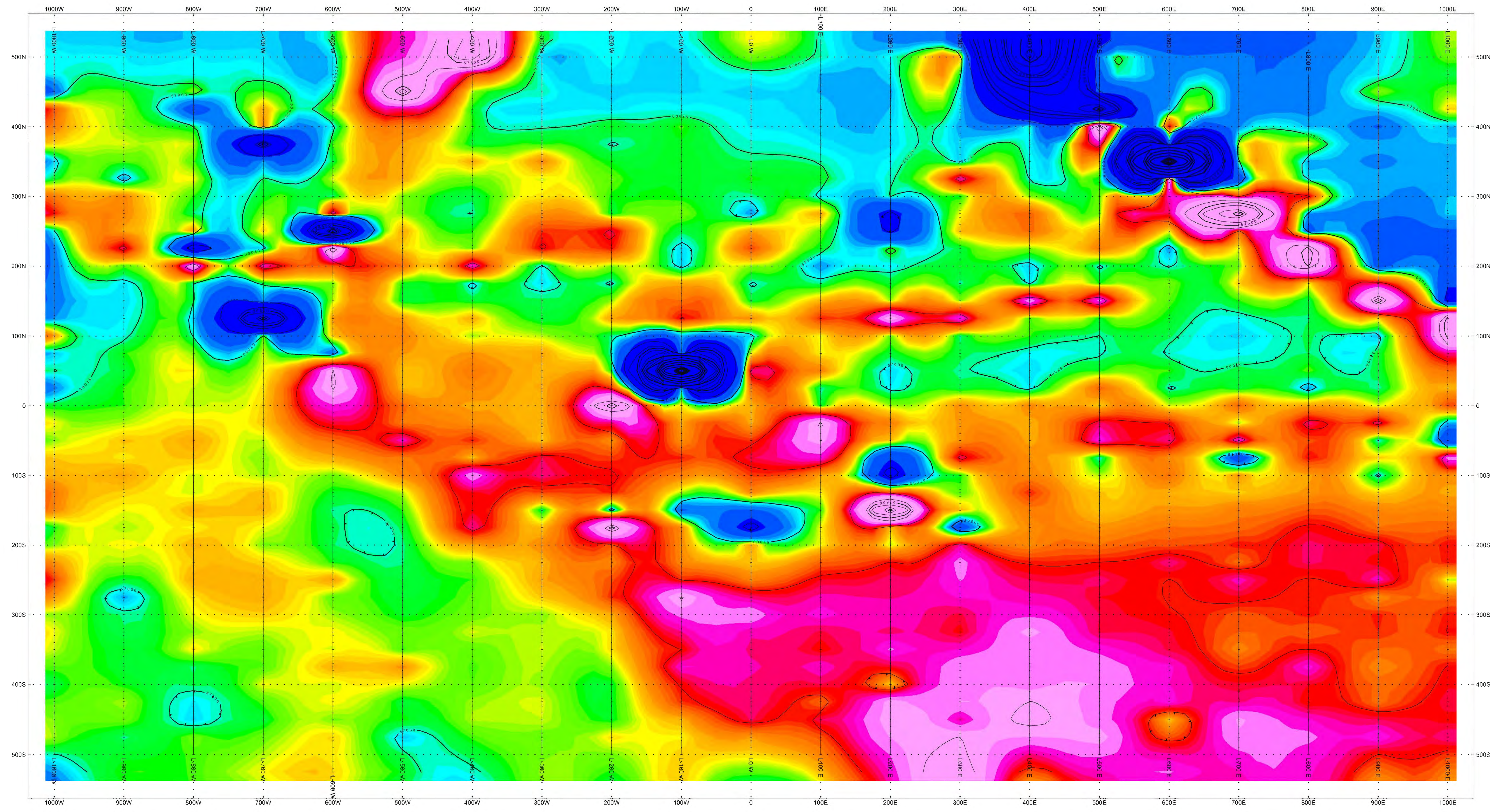
metres

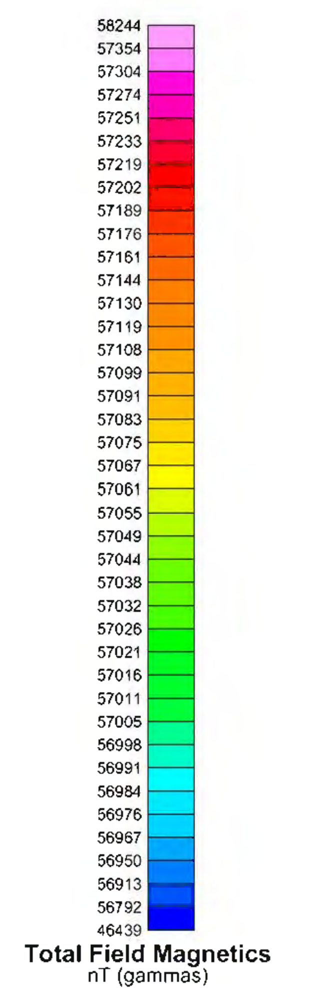
Gouda Gold Project
White River, Ontario
Stacked Chargeability Pseudosections

Coord System: Local Metric	Scale: 1:5000
RDF Consulting Ltd. Geophysical and Geological Services	Date: September 2010

Geosoft Software for the Earth Sciences


Apparent Resistivity
ohm-m
SURVEY SPECIFICATIONS
Array Type: Pole- Dipole
Number of Dipoles: 8 (n=8)
Dipole Spacing: 25m "a"=25 meters
Survey Equipment: IPR-12/ TSQ-3 (3000W)
On/Off Time : 2 seconds
Scale 1:2500
metres
GOUDA GOLD PROJECT
WHITE RIVER, ONTARIO
APPARENT RESISTIVITY CONTOUR MAP (n=1)
Coord. System: Local Metric
Scale: 1:2,500
RDF Consulting Ltd.
Date: September 2010





SURVEY SPECIFICATIONS

Sampling Interval: Walking Mag

Line spacing: 50 meters

Base Datum Used: 57,500 nT

Survey Equipment: Scintrex EnviPro

* All data corrected for Diurnal Variation

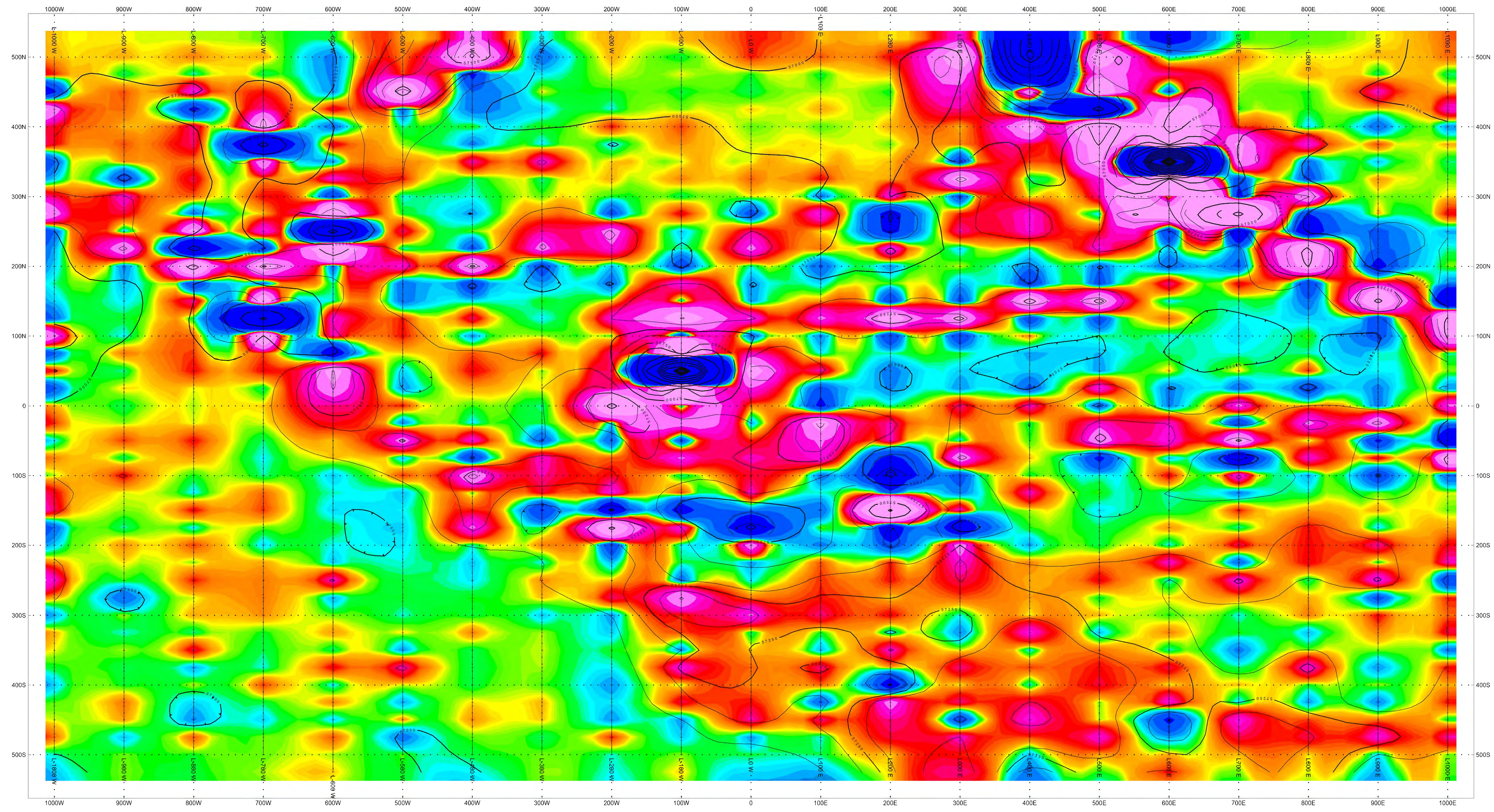
Scale 1:2500

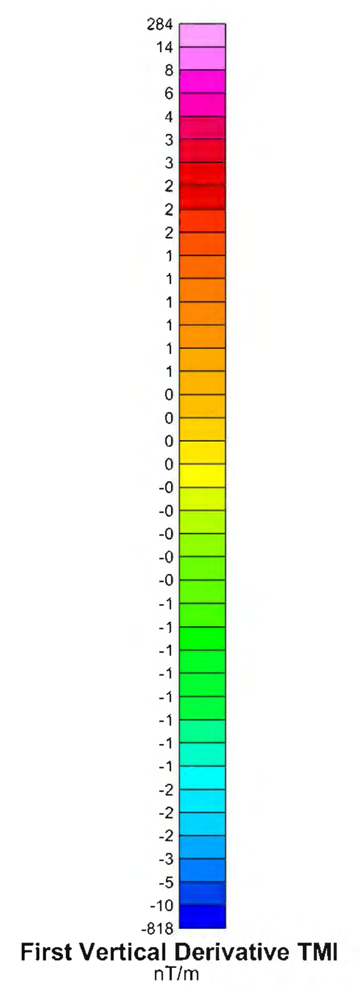
50 0 50 100 150

metres

Gouda Gold Project
White River, Ontario
Total Field Ground Magnetics Survey

Grid System: Local Metric	Scale: 1:2,500
RDF Consulting Ltd.	September 2010





SURVEY SPECIFICATIONS

Sampling Interval: Walking Mag

Line spacing: 50 meters

Base Datum Used: 57,500 nT

Survey Equipment: Scintrex EnviPro

* All data corrected for Diurnal Variation

Scale 1:2500

50 0 50 100 150

metres

Gouda Gold Project
White River, Ontario
First Vertical Derivative Magnetic Survey

Grid System: Local Metric	Scale: 1:2,500
RDF Consulting Ltd.	September 2010


1000W
800W
600W
400W
200W
0
200E
400E
600E
800E
1000E
400N
200N
0
200S
400S
M11 Chargeability
mV/V
SURVEY SPECIFICATIONS
Array Type: Pole- Dipole
Number of Dipoles: 8 (n=8)
Dipole Spacing: 25m "a"=25 meters
Survey Equipment: IPR-12/ TSQ-3 (3000W)
On/Off Time : 2 seconds
Scale 1:2500
50 0 50 100 150
metres
GOUDA GOLD PROJECT
WHITE RIVER, ONTARIO
M11 CHARGEABILITY CONTOUR MAP (n=1)
Coord. System: Local Metric
Scale: 1:2,500
RDF Consulting Ltd.
Geophysical and Geological Services
Date: September 2010

Appendix II. 2010 Diamond Drill Logs

METALCORP

Drillhole No: HEGZ10-01 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -45** | **Northing: 5387997**
Date Collared: 10-OCT-10 | **Length: 158.50m** | **Logged By: S Flasha**
Date Complete: 12-OCT-10 | **Elevation:** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	3.22	**overburden/casing**											
3.22	69.83	**schistose to gneissose biotite quartzofeldspathic rock**											
		biotite (~10%) plagioclase and quartz (~40%) amphibole (~50%); fine-grained, well foliated; mm-scale discontinuous/poor/weak compositional layering (alternating amph+bi and quartz+plag); hornblende (fine needles) is the dominant ampphibole observed; pyrite is disseminated and foliated, found along foliation planes; tr-2% disseminated beige-coloured sphene typically observed throughout the						tr					
		8.66 - 8.69 pegmatite with pink hue; tr specs of py						tr					
		8.89 - 9.28 medium-grained qtz feldspar porphyry											
		9.34 - 5cm pegmatite											
		9.85 - 9.93 coarse-grained zone with calcite, quartz, felspar and lesser epidote, hornblende and pyrite	E559501	9.28	10.78	1.5							
		10.78- 11.01 enrichment of microcrystalline dark pink to red mineral; jasper?	E559502	10.78	12.28	1.5							
		13.10 - 13.22 white barren quartz vein	E559503	12.28	13.78	1.5							
		14.39 - 14.96 mm-scale compositional layering with x-cutting quartz veinlets, 75 deg to CA	E559504	13.78	14.94	1.16	72	tr-1%					
		14.96 - 20.72 silicified zone? Still poorly compositionally layered at this point, but rock has overall grey colour and is micro-crystalline, very competant; looks almost cherty	E559505	14.94	16.69	1.75							
		14.96 - 15.50 mm-scale layers of fine- to very fine-grained muscovite as well as cm-scale qtz veins	E559506	16.69	18.48	1.79							
		16.16 - 16.49 feldspar porphyry dyke; silicified?											
		16.60 - 16.65 feldspar porphyry dyke; silicified?											
		16.74 - 17.15 feldspar porphyry dyke; silicified? Between here and last dyke the amphibolite has an enrichment in hornblende needles						diss 1%					
		18.26 - 18.39 more biotite-rich zone, with 1% py						1%					
		19.40 - 20.27 pocky textured, chloritic, fine- to medium grained intrusive with weak epidote and K-feldpsar(?) alteration; no sus observed											
		21.69 - 21.80 quartz feldspar porphyry dyke					84						

METALCORP

Drillhole No: HEGZ10-01 | **Azimuth: 180** | **Easting: 593651**
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Date Collared: 10-OCT-10 | **Length: 158.50m** | **Logged By: S Flasha**
Date Complete: 12-OCT-10 | **Elevation:** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		26.33 - 27.43 more chloritic (? has darker green hue) with an increase in diss py						tr-1%					
		27.43 - 28.18 epidote and potassically (?) altered zone; lime and pink hues to the amphbolite					65						
		27.26 - 27.33 white quartz vein; tr py along contact						tr					
		29.50 - 29.59 white quartz vein with epidote and kspar (?) along the contact				72							
		30.76 - 31.15 quartz feldspar porphyry dyke				78							
		34.73 - 34.76 quartz vein - smoky											
		35.11 - 37.66 Amphibolite --> small intersection with heavy hornblende and very little quartz and plagioclase											
		36.58 - 36.64 white quartz vein											
		38.96 - 40.16 better defined mm-scale compositional layering with an enrichment of epidote and K-feldspar(?)				90							
		41.92 - 43.57 epidote clast replacement (py?); good mm-scale compositional layering				76							
		41.92 - 42.02 white quartz vein											
		43.74 - 43.78 white quartz vein											
		44.57 - 44.74 white quartz vein				86							
		44.85 - 45.39 foliated mafic dyke; more porphyritic texture with some pocks, with minor bi, muscovite and qtz						tr					
		48.44 - 49.46 amphibole-rich section											
		52.51 - 52.56 epidote-rich layer with 5% py					75	5%					
		53.95 - 53.97 qtz vein, no sus											
		54.86 - 56.21 mm-scale epidote veinlets cross-cut foliation at 20 deg to CA					80						
		56.21 - 58.04 brecciated zone with heavy epidote and K-feldspar (?)alteration					86						
		56.71 2cm quartz vein with 1% py; contact epidote-rich						1%					
		59.59 - 59.63 quartz vein with cross-cutting jasper(?) veinlet; very red!; epidote selvages					86						
		62.19 - 62.47 quartz rich zone with biotite; possibly and intrusion?											
		62.72 - 62.96 same as above											

METALCORP

Drillhole No: HEGZ10-01 **Azimuth: 180** **Easting: 593651**
Project: Gouda Lake **Dip: -45** **Northing: 5387997**
Date Collared: 10-OCT-10 **Length: 158.50m** **Logged By: S Flasha**
Date Complete: 12-OCT-10 **Elevation:** **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		64.87 - fold nose; more amphibole rich at this point											
		65.21 - 65.96 broken core											
		65.85 - 65.96 biotite py zone, up to 5% py						1-5%					
		67.10 - 1cm py biotite amph epidote layer, with 10% py						10%					
		68.20 - 68.52 granitic intrusion, foliated qtz, plag and biotite					77						
69.83	88.40	**sericitized biotite muscovite/white mica schist "Gouda Horizon"**	E559507	69.83	71.33	1.5							
		very fine- to fine-grained schist; creamy to smoky grey colour, occassionally alternately layered with a maroon-grey colour; muscovite and biotite rich layers respectively; also fine-quartz throughout; tr foliated diss py, which has affinity for more biotite-rich layers						tr-1%					
		70.20 - off-white quartz vein 3cm wide						1%					
		70.41 - white-grey quartz vein 5cm						1%					
		70.69 - smoky quartz vein 3cm						tr					
		70.78 - smoky quartz vein 5cm					68	tr					
		71.33- quartz zone over 5cm						1%					
		All of the above quartz veins have seams or inclue crystals of coarse-grained muscovite or biotite											
		71.39 - 78.82 banded darker grey mm-scale layering in the schist; py occuring in the foliation	E559508	71.33	72.63	1.3		tr - 1%					
		78.82 - 80.05 massive biotite zone with 1-2% pyrite and only 10% quartz	E559509	72.63	74.13	1.5	73	1-2%					
		80.05 - 81.84 more massive meium grey zone with no layering, sericite, fine-grained 2% oy throughout, locally up to 10%; where py is more abundant, there is also up to 5% sphalerite; includes 2cm zone at 81.38m	E559510	74.13	75.74	1.61		2-10%		tr-5%			
		81.84 - 82.11 soft talc-rich 'friable' zone	E559511	75.74	77.19	1.45	71	tr					
		82.11 - 87.05 more massive fine-grained med-grey zone; quartz -rich (silicified?); variable amounts of py but typically only 1%	E559512	77.19	78.82	1.63							
		82.11 - 82.47 2% py and 1% sph	E559513	78.82	80.05	1.23		2%		1%			
		82.47 - 82.89 10-20% py, 1-5% sph and tr gal	E559514	80.05	81.50	1.45	75	10-20%		1-5%	tr		
		82.93 - 83.03 massive sulphide; 70-80% py with 1% sph	E559515	81.50	82.93	1.43		70-80%		1%			

METALCORP

Drillhole No: HEGZ10-01 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -45** | **Northing: 5387997**
Date Collared: 10-OCT-10 | **Length: 158.50m** | **Logged By: S Flasha**
Date Complete: 12-OCT-10 | **Elevation:** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		83.35 - 83.42 massive sulphide; 70-80% py	E559516	82.93	84.20	1.27		70-80%					
		83.69 - 83.86 massive sulphide; 80-90% py, 1% po,more biotite-rich where py present	E559517	84.20	85.35	1.15		80-90%	1%				
		84.20 - 85.35 massive sulphide; 70-80% py, 5% po at 84.2m and at 85.07 (seam and diss), tr - 1% sph	E559518	85.35	86.39	1.04	53	70-80%	5%	tr-1%			
		85.62 - 86.76 20% py, but up to 50% at 85.83m with tr gal; 1-2% sph in pyritic zones, cm-scale layers of py at the end of interval	E559519	86.39	87.04	0.65		20-50%		1-2%	tr		
		86.76 - 87.05 massive sulphide; 70-90% py, up to 5% po, 2% sph	E559520	87.04	88.40	1.36		70-90%	1-5%	2%			
			E559521	88.40	89.32	0.92	68						
88.40	100.00	**schistose to gneissose biotite quartzofeldspathic rock**											
		biotite (~10%) plagioclase and quartz (~40%) amphibole (~50%); fine-grained, well foliated; mm-scale discontinuous/poor/weak compositional layering (alternating amph+bi and quartz+plag); hornblende (fine needles) is the dominant ampphibole observed; pyrite is disseminated and foliated, found along foliation planes; tr-2% disseminated beige-coloured sphene typically observed throughout the						tr -1%					
		89.02 7cm 5-10% py zone						5-10%					
		96.89 - 96.96 smoky qtz vein, hbl-richedges, no py or sulphides					77						
		97.36 - 98.44 light K-feldspar(?) alteration; rocks have a light pink hue											
100.00	139.18	**mesocratic to melanocratic biotite amphibolite**											
		well foliated, fine to very fine-grained amphibole dominant rock (up to 90%locally); mainly hornblende, with 5-30% bi, and lesser plagioclase and quartz; not compositionally layered; amphibole-rich zones are more massive/homogeneous						tr-1%					
		100.88 - 101.04 med-grained foliated granitic intrusion; very 'bleached' looking with textures almost completely destroyed (silicified?), no biotite, just quartz and feldspar					81	tr					
		103.68 - 103.93 same as above						rare-tr					
		103.95 - 104.57 fine-grained, poorly foliated dyke/intrusion; 60-70% quartz and feldspar, 30-40% biotite << amph						tr diss					

METALCORP

Drillhole No: HEGZ10-01 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -45** | **Northing: 5387997**
Date Collared: 10-OCT-10 | **Length: 158.50m** | **Logged By: S Flasha**
Date Complete: 12-OCT-10 | **Elevation:** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		104.77 - 105.28 foliated medium-grained granitic intrusion; similar to 100.88 intersection but textures remaining, not 'bleached'											
		106.38 - 109.64 quartz porphyry with K-felspar(?) alteration and irregular epidote crystals; 60% qtz, 30% feldspar, remainder is biotite and amphibole						rare-tr					
		107.78 - 107.90 smoky quartz vein at 28 degrees to CA					84						
		109.70 to											
		Intervals of foliated granitic intrusions:											
		109.70 - 109.98											
		109.12 - 109.23											
		109.30 - 109.36											
		109.65 - 109.81											
		113.12 - 113.38											
		113.89 - 114.02											
		114.02 - 114.96 five intrusions, 4-8cm wide each											
		114.96 - 115.44											
		116.26 - 119.21 15 intrusions, with 2-5cm breaks with the amphibolite											
		119.56 - 121.92 16 granitic intrusions, each 1 to 30cm wide, typically 5cm											
		128.2 fold nose in the intrusive unit over 10 cm											
		129.15 - 2cm wide epidote py and po zone, py 1%, po 2%						1%	2%				
		130.97 - 131.07 micro folds along foliation plane in feldspar-rich zone					63						
		131.09 - 131.10 feldspar py zone with quartz and amphibole											
		131.23 - 131.25 white barren quartz vein											
		135.07 - 136.43 more granitic sills and porphyryitic dykes											
		137.17 - 137.33 fine- to medium grained granite											
		136.92 - 139.18 more felsic looking area; higher proportion of quartz and feldspar; still very fine-grained											
139.18	155.45	**Pukaskwa Batholith – foliated granite**											

METALCORP	Drillhole No: HEGZ10-01	Azimuth: 180	Easting: 593651
	Project: Gouda Lake	Dip: -45	Northing: 5387997
	Date Collared: 10-OCT-10	Length: 158.50m	Logged By: S Flasha
	Date Complete: 12-OCT-10	Elevation:	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		foliated granite, not fully gneissic; mainly quartz and feldspar with 10% biotite and 1-5% hornblende; tr py in foliation and associated with pegmatite veins and quartz veins; K-felspar alteration at the top of the gneiss (light pink hue to rock)					77	tr-1%					
		144.30 - 144.34 quartz vein, with smoky grey stringers with py along the contact edge											
		147.40 - 147.47 quartz vein with 1% py						1%					
		148.58 - 148.60 quartz vein with highly potassic contact with trace epidote and 1% py					61						
		149.75 - 149.80 same as above but lacking the epidote											
		150.57 - 150.60 smoky quartz vein, tr py but 1% diss in surrounding gneiss						tr-1%					
		151.10 - 151.78 fine-grained mafic amphibole zone											
		152.30 - 152.32 quartz vein with bleb of py						blb					
155.45		EOH											

METALCORP

Drillhole No: HEGZ10-02 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -65** | **Northing: 5387997**
Date Collared: 12-OCT-10 | **Length: 152.10m** | **Logged By: R Peterson**
Date Complete: 14-OCT-10 | **Elevation: 376m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	**1.88**	**Casing/Overburden**											
1.88	**15.40**	**schistose to gneissose biotite quartzofeldspathic rock**	E563201	1.88	3.50			1~3					
		vdrkgr, fg, wk to mod fol-gen ≠ tca, few scattered QV, loc silicified, loc k-spar flooded w/ ep blebs and strings. Generally, competent core, localized bx sxn, trace py scattered as 1mm blebs/specks-locally higher (1-3%), lct sharp @ 85 °											
		fol angle @ 3.40	E563202	3.50	5.00		85						
			E563203	5.00	6.50								
		4.40-5.53- Feldspar porphyry inclusion/intrusion?, no chills, sharp contacts-plag porph-plag xls anhedral, sub to euhedral hbls xls >1mm "hbl xls floating in plag", ~1% py as scattered diss specks	E563204	6.50	8.00			1					
		4.72-4.89- QV- k-spar flooded giving orange colour-few py specks	E563205	8.00	9.50			tr					
		6.60-7.30- some chl alt banding, chl on frac surfaces	E563206	9.50	11.00								
		7.30-11.65- still vfg to mg but more intermediate in appearance, secs of kspar flooding w/ ep in healed fractures, trace -1% py as fine diss	E563207	11.00	12.50								
		8.71-8.96 - kspar porph inclu/intrus?, no chills, anhedeal to subhedral plag xls up to 2mm-same for kspar xls, drk undefined gm, ~1% py>1mm specks	E563208	12.50	14.00			1					
		10.60-10.75-mostly healed bx sxn, kspar flooded clasts w/ ep in healed fracs, clasts subangular 1mm-2cm, some vugs w/qtz- preceded by 20cm broken core	E563209	14.00	15.40								
		11.65-11.95- vfg ssxn, wk fol gen perp tca drk green w/ chl alt	E563210	15.40	17.00								
		12.60-12.74- QV, couple patches wk kspar, a couple of 1mm blebs py											
		11.95-14.14- similar to sxn 7.30-11.65, more intermediate, mod banding near perp tca, scattered qtz/kspar veins w/ 1-2% py blebs, otherwise trace diss py						tr					
		14.14-15.40- silicified sxn, a few scattered 1-3m mica layers, mod to str banding, no py observed											
		fol @ 14.50					80						
15.40	**53.15**	**schistose to gneissose biotite quartzofeldspathic rock**	E563211	17.00	18.50								
		Drk colour, mg (loc fg), FP, plag xls sub-anhedral 1mm or less in a drk gr gm - hbl>1mm subhedral, localized silicified sxn's, FP (kspar porph) intrusions, localized sxn's of banding 1-3mm wide gen perp tca, py variable trace to 1% (loc) diss as 1mm or less specks, a few 1-3 cm qtz veins scattered some w/ kspar flooding.											

METALCORP

Drillhole No: HEGZ10-02 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -65** | **Northing: 5387997**
Date Collared: 12-OCT-10 | **Length: 152.10m** | **Logged By: R Peterson**
Date Complete: 14-OCT-10 | **Elevation: 376m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		15.77-25.57-Generally silicified sxn, a few FP intrusions(no chill?), fairly fairly massive light grn/orange colour w/ sxn's of mod-str banding gen perp tca, some mica layers. Py trace to 1% as diss scattered .5mm-1mm blebs						tr					
		15.97-16.36- FP intrusion, sharp contact. Plag xls sub to anhedral ~1-2mm in drk gr gm, kspar porph same as plag but less in %, trace -1% sulphide specks py or maybe chalcosite??(some are oxidizing quickly)						tr					
		17.58-17.78- Mafic inclusion(?)vry drk gr, fg, vry wk fol perp tca, ~1%py fine diss specks 1mm or smaller, hbl xls aligned w/ fol-euhedral >1mm ~25%						1					
		17.78-18.35- mod k-spar flooding											
		18.53-19.25- mg to cg intermediate sxn w/ 1-3% mag blebs diss, 1-3mm in siz, ~20% ep replacement, mag ends in QV	E563212	18.50	20.00								1-3%mag
		19.30-19.42- QV											
		21.34-27.28- more mafic sxn w/ patchy str mag, localized sxn mag xls 1-2mm blebs, 1-3%fine diss py 1mm or less, trace cpy seen on a frac surface	E563213	20.00	21.50			1~3					1 mag
		28.19-28.22-QV	E563214	21.50	23.00								
		fol @ 22.30	E563215	23.00	24.50		80						
		fol @ 24.38	E563216	24.50	26.00		88						
		29.50-29.84-more intermediate sxn, mafic mins aligned perp tca but no distinct layering, hbl xls euhedral to sub in a plag/qtz gm, trace fine py diss	E563217	26.00	27.50			tr					
		29.84-53.15-gen still int w/ some mafic sxn's/inclusions, tracw diss py as specks, locally higher, fol varies from wk to mod - loc absent, locally mod to str chl	E563218	27.50	29.00			tr					
		fol @ 30.34 1-3mm width	E563219	29.00	30.50		80						
		fol @ 33.55~1-2mm width	E563220	30.50	32.00		85						
		34.95 -5cm QV	E563221	32.00	33.50								
		fol @ 36.58	E563222	33.50	35.00		88						
		37.97-38.04- QV	E563223	35.00	36.50								
		43.12-43.18-QV	E563224	36.50	38.00								
			E563225	38.00	39.50								
		42.53-42.66-mafic inclusion?, vd gr, vfg, sharp contacts	E563226	39.50	41.00								
		45.07-45.72- mafic inclusion, similar to above except a bit coarser gr, 1-3% diss py 1mm or smaller specks wk fol perp tca	E563227	41.00	42.50								

Drillhole No: HEGZ10-02 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -65** | **Northing: 5387997**
Date Collared: 12-OCT-10 | **Length: 152.10m** | **Logged By: R Peterson**
Date Complete: 14-OCT-10 | **Elevation: 376m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		45.97-46.70- mafic inclusion? Sharp cts, fg to mg, drk gr, mod to str fol, fol angle increases from 55 to 75 deg width of layers range from 1mm to 5-6mm	E563228	42.50	44.00								
		fol @ 46.05	E563229	44.00	45.50		55						
		fol @ 46.50	E563230	45.50	47.00		75						
		46.70-47.50- py increases to ~5% as fine strings running along fol planes, fol angle ranges from	E563231	47.00	48.50								
		fol @ 47	E563232	48.50	50.00		85						
		fol @ 47.38	E563233	50.00	51.50		67						
		48.62-48.89- mafic inclusion? Vry dk gr/gry, fg, wk to mod fol perp tca, trace fine py along fol planes						tr					
		50.60-50.76- sxn of incr py ~20% as strings along fol planes											
		fol @ 50.70					80						
		50.76-51.12- still mafic int but a texture change, fol bands perp tca mm width (~85 deg), scattered 1-3mm "quartz eyes" ~1%											
		fol @ 51.25					85						
53.15	**67.15**	**schistose to gneissose biotite quartzofeldspathic rock**											
		gradational contact, vdr gr, fg, fol varies from very wk to mod gen perp tca width of layers varies from 1mm-3mm, locally silicified, loc sxn's of ser alt, py fairly consistent as strings along fol planes gen tr-1% locally higher, variably mag from wk to mod											
		fol @ 56.15					88						
		fol @ 57.95					75						
		58.63-58.06- QV? Or silicified sxn											
		58.86-61.40- mod patchy mag sxn											
		60.20-60.22- QV											
		63.59-67.15- mod patchy mag											
		fol @ 65.43					75						
		65.40-65.97- py as strings/fine blebs ~1%											
67.15	**83.56**	**sericitized bi muscovite/white mica schist "Gouda Horizon"**	E563234	67.15	68.65								
		creamy- light green in colour, mod fol, mostly silicified w/ softer sericitized sxn's, locallized mafic inclusions/intrusions?, banding variable from ~1mm to 1cm in width, py generally trace as diss specks w/ exception of Gouda Horizon sulphide zone											
		fol @ 67.25	E563235	68.65	70.10		70						
		fol @ 68.05	E563236	70.10	71.60		70						

METALCORP

Drillhole No: HEGZ10-02 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -65** | **Northing: 5387997**
Date Collared: 12-OCT-10 | **Length: 152.10m** | **Logged By: R Peterson**
Date Complete: 14-OCT-10 | **Elevation: 376m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		fol @ 68.25	E563237	71.60	73.10		83						
		69.41-69.52- intermediate intrusion, sharp contacts, sparse py flecks	E563238	73.10	74.60								
		69.66-69.71- QV py blebs on rims	E563239	74.60	76.10								
		69.71-70.29- silicified w/bt banding some crenulation(or pytgmatic											
		71.27-71.60- ser/sil blitzed, wk fol, very hard, py as ~1mm scattered											
		71.60-72.75- as described 69.71-70.29											
		fol @ 69.80					80						
		72.75-73.15- as described 71.27-71.60											
		72.80-72.86-mafic inclusion- bt/chl alt											
		72.93-72.97-QV											
		74.75-74.80-mafic intrusion/inclusion?, vry drk blu/blk, mafic mins oriented perp tca, mm in size, 1-3 mm size po "blotches"~5%, py as diss 1mm specks~5%, sharp uct&lct						~5	~5				
		74.80-75.18- silicified, 5-10%py as fine diss, wk to mod fol w/ banding .5-1cm apart	E563240	76.10	77.50								
		fol @ 75.20					70						
		75.18-75.97- intermediate intru, no visible fol or xls orientation, mafic mins sub-euhedral ~1mm "floating" in plag/qtz gm, First 10cm py present ~5% as 1-3mm blebs then disappears until 75.75-75.84. In the sxn of no py mod mag.											
		75.97-76.20- str sil sxn w/ 5-10% py -1mm diss, wk fol w/bt bands											
		76.20-78.44- sericite schist- wk fol, light grey, gen silicified w/exception of more blitzed sxn of friable core and mush, sxn highly fractures w/ fracs along foliation planes, py diss as 1mm cubes ~20-30%						20-30%					
		77.52-78.44- sxn of vry soft friable and mushy ser blitzed core, frac/fol @~70-85 deg py as above	E563241	77.50	78.44			20-30%					
			E563242	78.44	80.19								
		78.44-80.19- SULPHIDE ZONE- 80-90% py varying from fine diss to large angular xls(~1cm), sph rimming much of the py	E563243	80.19	80.88			80-90%	10	10-20%			
		80.19-80.95- Lesser sulphide zone, 50-80% py as fine diss and 1-3cm bands, still sph rimming much of the py	E563244	80.88	82.45			50-80%	10	10-20%	tr		
		80.20- 2cm QV w/ tr gal as 1-3mm blebs	E563245	82.45	83.56								
		80.85-83.56- highly silicified sxn w/ mod fol banding generally 80 deg .5-											
83.56	**94.45**	**schistose to gneissose biotite quartzofeldspathic rock**						tr	tr				

METALCORP

Drillhole No: HEGZ10-02 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -65** | **Northing: 5387997**
Date Collared: 12-OCT-10 | **Length: 152.10m** | **Logged By: R Peterson**
Date Complete: 14-OCT-10 | **Elevation: 376m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		mg, mod to str fol gen 70-80 deg tca, layering 3mm to 1cm widths, localized silicified sxns, a few mafic intrusions, localized bt alt bands, trace py & po as scattered fine bands (less than 1mm)											
		fol @ 86.92	E563413	86.13	87.50		89						
		85.05- QV 1-2cm	E563414	87.50	89.00								
		88.47- QV 1-2cm	E563415	89.00	90.50								
		89.59- QV 1-2cm speck py	E563416	90.50	92.00								
		90.95- QV 1-3cm speck py	E563417	92.00	93.50								
		fol @ 91.50	E563418	93.50	94.40		70						
		fol 94.40	E563419	94.40	95.95		70						
			E563420	95.95	97.50								
94.45	**139.97**	**mesocratic to melanocratic biotite amphibolite**	E563421	97.50	99.00								
		Drk gr, fg to vfg, wk to mod fol, generally chl alt/bt alt, trace py (localized sxn's up to 1%) patches of wk mag. Several felsic to intermediate intrusions											
		94.52-94.67- felsic intrusion, sharp contacts, porphyrytic, mafic mins 1-	E563422	99.00	100.50			tr					
		94-78-94.56-as described above											
		95.20-95.32- as described above, uct & lct both 75 deg tca											
		95.63 QV 1cm											
		96.47- QV 1cm											
		fol @ 96.75					75						
		fol @ 97.00					80						
		98.27-98.60-increased py~20% along fol planes as fine strings also ~1cm											
		100.25-100.30 misc core?? Not convinced it belongs here but can't											
		100.30-100.71-same as other above intrusions-lct irregular	E563423	100.50	102.00								
		100.44- QV milky 4cm	E563424	102.00	103.50								
		100.99-101.68- same as other above intrusions uct 88 deg lct 80 deg	E563425	103.50	105.00								
		103.74-104.07- similar to above intrusions except latter 10cm has wk to	E563426	105.00	106.50								
		104.39-104.62-kspar flooding of felsic material	E563427	106.50	108.00								
		104.62-107.34- simialr to above intrusions - Plag xls porphyritic 1-2mm	E563428	108.00	109.50			3-5%					
		104.63- QV 2cm	E563429	109.50	111.00								
		106.31- QV 4-5cm	E563430	111.00	112.50								
		108.34-119.01- in and out of MV and felsic/int units- generally still in	E563431	112.50	114.00								
			E563432	114.00	115.50								
		119.01-122.20- MV more massive, fol gen absent, tr py	E563433	115.50	117.00			tr					
		122.65-132.50- wk to mod fol w/ localized pytgmatic folding	E563434	117.00	118.50								

METALCORP

Drillhole No: HEGZ10-02 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -65** | **Northing: 5387997**
Date Collared: 12-OCT-10 | **Length: 152.10m** | **Logged By: R Peterson**
Date Complete: 14-OCT-10 | **Elevation: 376m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		fol @ 124.97	E563435	118.50	120.00		70						
		fol @ 131.07	E563436	120.00	121.50		88						
		fol @ 135.40	E563437	121.50	123.00		60						
			E563438	123.00	124.50								
139.97	**152.10**	**Pukaskwa Batholith – foliated granite**	E563439	124.50	126.00			tr					
		vry wk fol- mostly an alignment of hbl xls perp tca, relatively equigranular, qtz xls and hbl xls sub to euhedral, fledpar xls anhedral, patches of kspar flooding, a few scattered ep blebs and strings, a few scattered qtz veins, a few mag patches, trace scattered 1-2mm specks of py											
	152.10	**EOH**											

METALCORP

Drillhole No: HEGZ10-03
Project: Gouda Lake
Date Collared: 14-OCT-10
Date Complete: 15-OCT-10

Azimuth: 180
Dip: -90
Length: 131.07m
Elevation:

Easting: 593651
Northing: 5387998
Logged By: S. Flasha
Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	2.80	Casing											
2.80	66.32	**schistose to gneissose biotite quartzofeldspathic rock**											
		biotite (~10%), plagioclase and quartz (~40%), amphibole (~50%); fine-grained, well foliated; mm-scale discontinuous compositional layering (alternating more amph+bi- vs. quartz+plag-rich); pyrite is disseminated and foliated, found along foliation planes; tr-2% disseminated beige-coloured sphene typically observed throughout the					64	tr-1%					
		4.80-6.10 medium-grained equigranular granite with cross-cutting epidote veinlets; not foliated											
		4.97 - 5.16 pegmatite (still cut by epidote veinlet)											
		7.70-7.75 smoky purple quartz vein with epidote; biotitic selvages											
		8.84 - 9.04 nine mm-scale smoky white qtz veins in foliation					68						
		9.35 - 9.38 granite dykelet											
		9.48 - 9.86 qtz feldspar porphyry, with eipdote and potassic(?) alteration? Lime green and pink discolouration											
		10.72 - 10.78 nose of quartz (doesn't cut fully through the core) with epidote along the upper contact and hornblende and epidote grains included in the qtz nose						1%					
		13.56 - 13.64 white qtz vein, no sus observed											
		14.89 - 21.24 bleached, very fine-grained qtz-rich zone, very competent rock; silicified?											
		15.31 - 15.38 smoky qtz vein; discontinuous through core; no sus											
		16.49 - 16.84 white qtz vein with biotite-muscovite contacts on either side						tr					
		17.40 - 18.29 medium-grained qtz feld porphyry dyke											
		17.87 - 18.29 coarse-grained qtz feldspar porphyry					59						
		21.90 - 22.78 pocky textured porphyry dyke; poorly foliated; epidote rims around the pocks (replaced py cubes?) and tr-1% magnetite											mag tr -1%
		22.78 - 24.78 compositionally layered zone, layers typically 0.5cm to 4cm thick; alternating between more luecocratic plag(?)- and qtz-rich layers, and more mesocratic amph-rich layers											

METALCORP

Drillhole No: HEGZ10-03 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -90** | **Northing: 5387998**
Date Collared: 14-OCT-10 | **Length: 131.07m** | **Logged By: S. Flasha**
Date Complete: 15-OCT-10 | **Elevation:** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		23.71 - 23.98 medium-grained poorly foliated granitic intrusion; very pink - potassic alteration?											
		25.96 - 26.73 medium grey very fine-grained quartzofeldspathic-rich cm-scale layers alternating with amphibole-biotite-rich layers, well foliated					66						
		28.07 - 30.01 more qtz rich zone, up to 60% with a few mm-scale mafic compositional layers; fine-grained											
		32.53 - 33.13 well foliated porphyritic dyke; upper 8cm are an orangey-red, potassic alteration?											
		36.85 - 42.67 epidote and potassically altered rocks through here? Qtz and plag have a light pink to light green hue; sparse epidote veinlets					61						
		47.32 - 48.78 more qtz and plagioclase-rich zone; fine to very-fine-grained, foliated but plagioclase-rich zones are very discontinuous and appear more 'fluid' or 'ductile' with cm-scale massive amphibole layers inbetween; up to 4cm smoky quartz veins also cut the foliation					67						
		49.96 - 50.25 homogeneous equigranular amphibole-rich zone					65						
		52.65 - 53.23 well-foliated feldspar porphyry with rare py; pocky texture					64						
66.32	75.66	**mesocratic to melanocratic biotite amphibolite (previously referred to as the 'Mafic Volcanics')**											
		fine-grained well foliated 20% qtz and plag, 30% biotite and 50% amphibole (mainly hornblende); not compositionally layered; includes a few mm-scale epidote layers which contain up to 5% py; dark green colouring mottled with a dark coppery brown and black					57	tr-1%					
		73.37 - 73.77 qtz feld porphyry						tr					
		74.32 - 75.66 garnet-bearing zone, with crystals 0.5 to 1cm across					66	tr					
75.66	94.39	**sericitized bi muscovite/white mica schist "Gouda Horizon"**											

Drillhole No: HEGZ10-03 | **Azimuth: 180** | **Easting: 593651**

Project: Gouda Lake | **Dip: -90** | **Northing: 5387998**

Date Collared: 14-OCT-10 | **Length: 131.07m** | **Logged By: S. Flasha**

Date Complete: 15-OCT-10 | **Elevation:** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		well-foliated, fine to very fine-grained (sericitic) schistose rock, composed predominantly of muscovite and biotite and phlogopite(?) with fine-grained quartz, local medium- to fine-grained lens-shaped quartz eyes and zones locally rich in talc; mm- to cm-scale compositional layering is present although not present throughout the						rare-tr					
		75.66 - 84.93 mm-scale compositionally layered zone, alternating between muscovite (light grey) and biotite (dark-grey/burgundy) rich layers; mm- to 1cm qtz eyes present every 10-20 cm											
		75.94 - 76.06 more mm-scale pyritic layers present; up to 5% py locally						1-5%					
		79.74 - 79.89 foliated intrusive, mainly plag, qtz and biotite (~50%); fine- to medium-grained					70	tr-1%					
		80.25 - 80.39 smoky quartz vein with pyrite and biotite seam (0.5cm) through the middle						tr					
		83.76 - 84.40 same as 79.74 to 79.89m					64						
		86.43 - 86.98 very soft crumbly sericite and talc-rich zone						1%					
		86.98 - 90.22 mineralized zone; sulphides in foliation					58	1-5%		tr-1%			
		includes 87.8 - 88.0m of semi-massive sulphides						<10%		2-5%	tr-1%		
		88.10m 1cm sphalerite layer (20%)								20%			
		90.22 - 90.37 mineralized zone; semi-massive to massive					74	30-70%		tr			
		90.8 - 94.39 fine-grained quartz-rich, bleached, competent rock; silicified?						tr-1%					
		90.80 - 91.23 5-10% py in sulphide rich layers						5-10%					
		91.16 pyrrhotite layer, 3mm							90%				
		94.25 - 94.32 massive py po zone with tourmaline(?); medium grained						40%	40%				
			E559522	75.66	76.54	0.88							
			E559523	76.54	77.72	1.18							
			E559524	77.72	79.25	1.53							
			E559525	79.25	80.82	1.57							
			E559526	80.82	82.30	1.48							
			E559527	82.30	83.74	1.44							

Drillhole No: HEGZ10-03	**Azimuth: 180**	**Easting: 593651**
Project: Gouda Lake	**Dip: -90**	**Northing: 5387998**
Date Collared: 14-OCT-10	**Length: 131.07m**	**Logged By: S. Flasha**
Date Complete: 15-OCT-10	**Elevation:**	**Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
			E559528	83.74	84.40	0.66							
			E559529	84.40	85.88	1.48							
			E559530	85.88	87.30	1.42							
			E559531	87.30	88.24	0.94							
			E559532	88.24	89.14	0.90							
			E559533	89.14	90.54	1.40							
			E559534	90.54	91.52	0.98							
			E559535	91.52	93.19	1.67							
			E559536	93.19	94.39	1.20							
94.39	107.03	schistose to gneissose biotite quartzofeldspathic rock						tr - 2%					
		well-foliated, fine-grained, cm-scale poorly developed compositional layering, biotite-amphibole-rich layers separated by more quartzofeldspathic layers; the biotite and amph zones are more pyritic (up to 2%)											
		106.83 - 107.03 foliated intrusive that has been bleached-out to the point where the textures are hard to see; mainly fine-grained quartz and plag; granite?											
107.03	131.07	mesocratic to melanocratic biotite amphibolite						tr					
		fine-grained amphiboles (mainly hbl -> mm-scale acicular grains observed) with lesser biotite and <<quartz; not compositionally layered, overall a more massive amphibole unit											
		107.03 - 110.35 2 to 4 cm thick more biotite- and amphibole-rich layers alternating with epidote altered qtz-plag layers enriched in pyrite; py locally up to 20%	E559574	107.03	108.26	1.23	63	1-5%					
			E559575	108.26	109.19	0.93		1-20%					
		Sample 559576 - less epidote, plag and qtz than the previous two samples	E559576	109.19	110.35	1.16							
		108.26 - 109.04 most pyritic-epidote altered zone; this epidote-qtz-py zone is non-linear, cross-cuts the foliation and not foliated											
		109.19 - 109.33 foliated granite; contact along the foliation plane											
		109.41 - 109.52 foliated granite											
		110.35 - 110.65 foliated granite; 'bleached' looking so some textures are no longer present											

METALCORP

Drillhole No: HEGZ10-03 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -90** | **Northing: 5387998**
Date Collared: 14-OCT-10 | **Length: 131.07m** | **Logged By: S. Flasha**
Date Complete: 15-OCT-10 | **Elevation:** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		111.29 - 111.49 same as above but rock has a light pink undertone (potassic alteration?)											
		111.99 - 112.85 same as above											
		114.25 - 114.95 fine-grained poorly foliated biotite qtz plag dyke											
		114.95 - 117.14 foliated granite interrupted by seven cm-scale amphibolite bands											
		118.72 - 119.61 foliated granite interrupted by cm-scale amph layers											
		123.04 - 123.52 foliated granite											
		123.65 - 123.78 foliated granite with some pink-orange tones (potassic alteration?)											
		123.96 - 125.59 4 to 22cm wide zones of foliated granite interupted by 2-9cm wide layers of the amphibolite											
		127.47 - 127.62 foliated granite											
		127.90 - 128.04 foliated granite											
		128.04 - 131.07 an increase of biotite which hosts up to 2% py; separated by mm to cm-scale qtz plag-rich layers of plag and quartz, occurring every 10-15cm					73	1-2%					
		130.9 - 131.07 white quartz vein containing specs of amphibole											
131.07		EOH											

METALCORP

Drillhole No: HEGZ10-04 | **Azimuth: 180** | **Easting: 5388007**
Project: Gouda Lake | **Dip: -45** | **Northing: 593748**
Date Collared: 15-OCT-10 | **Length: 94.49m** | **Logged By: Peterson**
Date Complete: 16-OCT-10 | **Elevation: 371m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	62.40	**schistose to gneissose biotite quartzofeldspathic rock**						tr					
		Well foliated. Generally Dark Green to brown, fine grained (1-0.1mm), mainly composed of amphibole (~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations, and locally as scattered 1-3mm blebs and scattered stringers.											
		6.41-6.75- Sections of poorly developed compositional layering. Silica flooded and bleached as per unit description.											
		fol @ 9.53					60						
		8.80-8.45- Feldspar porphyry- hornblende rich, subhedral 1-4mm crystals, plagioclase crystals 3mm in light grey quartz groundmass.											
		9.50-12.40- Section of sinuous potassic enrichment giving rock an orange/salmon hue.											
		12.96-13.10- Feldspar porphyry intrusion- plagioclase crystals sub to anhedral, 2-4mm, amphiboles sub to euhedral, 1-2mm in a grey (quartz) groundmass. Minor amounts of biotite and trace pyrite. Poorly developed foliation.											
		14.15-14.69- As per interval 12.96-13.10											
		15.24-15.26 -Quartz vein, pinkish hue, a few 1-2mm pyrite blebs.											
		16.00-19.35- Section of poorly developed compositional layering. Silica flooded and bleached as per unit description.											
		fol @ 17.79					70						
		fol @ 16.73					65						
		17.09- 17.11 Quartz vein, pinkish hue, barren.											
		18.57- 18.62 Quartz vein, pinkish hue, barren.											
		18.71- 18.74 Quartz vein, pinkish hue, barren.											
		18.83-18.88- Quartz vein, pinkish hue, trace pyrite present.											

METALCORP

Drillhole No: HEGZ10-04 | **Azimuth: 180** | **Easting: 5388007**
Project: Gouda Lake | **Dip: -45** | **Northing: 593748**
Date Collared: 15-OCT-10 | **Length: 94.49m** | **Logged By: Peterson**
Date Complete: 16-OCT-10 | **Elevation: 371m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		19.15-19.28- Quartz vein, pinkish hue, trace pyrite.											
		19.45-19.46- Quartz vein, pinkish hue, barren.											
		19.47-19.48- Quartz vein, pinkish hue, barren.											
		19.52-19.55- Quartz vein, pinkish hue, a few 1-2mm pyrite blebs.											
		20.59- 20.62- Quartz vein, pinkish hue, a few 1-2mm pyrite blebs.											
		20.69- 20.72- Quartz vein, pinkish hue, barren.											
		20.77- 20.78- Quartz vein, pinkish hue, barren.											
		20.75-a few molybdenite blebs (1mm).											
		21.73- 21.76- Quartz vein, pinkish hue, barren.											
		24.56-24.66- Feldspar porphyry intrusion- plagioclase crystals sub to anhedral, 2-4mm, amphiboles sub to euhedral, 1-2mm in a grey (quartz) groundmass. Minor amounts of biotite and trace pyrite. Poorly developed foliation.											
		24.81-25.30-as per interval 24.56-24.66						tr					
		26.79-26.85 - Quartz vein, pinkish hue, barren.											
		fol @ 27.34					70						
		27.20-27.22 - Quartz vein, pinkish hue, barren.											
		29.86-29.87- Quartz vein, pinkish hue, barren.											
		31.57- 31.63- Quartz vein, pinkish hue, barren.											
		34.90- 34.93- Quartz vein, pinkish hue, barren.											
		35.70-48.77- Intermediate intrusion, medium grey, fine to medium grained, well developed foliation on the order of 1 every mm and well developed compositional layering typically 1 every 1-3cm. Grains of uniform size all typically subhedral. Trace pyrite as fine disseminations and locally ~1%.	E563440	35.85	37.00			tr					
		fol @ 39.65	E563441	38.50	40.00		75						
		fol @ 43.56	E563442	40.00	41.50		70						
		fol @ 48.85	E563443	41.50	43.00		75						
		48.77-54.98- Pyrite increase ~1-3% overall usually with the chlorite altered layers along foliation planes.	E563444	41.50	43.00			1-3%	1-3%				
		fol @ 48.85	E563445	43.00	44.50		75						
		49.40-49.73- Section of silica flooding (microcrystalline replacement), bleached appearance, aphanitic and very hard, 6+ Mohs scale.	E563446	44.50	46.00								

METALCORP

Drillhole No: HEGZ10-04 | **Azimuth: 180** | **Easting: 5388007**
Project: Gouda Lake | **Dip: -45** | **Northing: 593748**
Date Collared: 15-OCT-10 | **Length: 94.49m** | **Logged By: Peterson**
Date Complete: 16-OCT-10 | **Elevation: 371m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		51.83-52.00- Intermediate intrusion- medium grey, fine to medium grained, well developed foliation on the order of 1 every mm and well developed compositional layering, typically 1 every 1-3cm. Grains of uniform size all generally subhedral. Trace to 1% 2-3mm blebs of pyrite.	E563448	47.50	49.00			~1%					
		fol @ 52.10	E563449	49.00	50.50		75						
		52.41-52.53- as per interval 51.83-52.00	E563450	50.50	52.00								
			E563451	BLANK				5%					
		55.54-56.14- Quartz vein, pinkish hue, a few 1-2mm pyrite blebs.	E563452	52.00	53.50			tr					tr bor
			E563453	53.50	55.00								
		60.68-61.17- as per interval 51.83-52.00	E563454	55.00	56.50			tr					
		61.17-62.40- Garnetiferous section, 35-40% 3mm-8mm red garnet porphyroblasts.	E563455	56.50	58.00								
			E563456	58.00	59.50								
			E563457	59.50	61.00								
			E563458	61.00	62.40								
			E563459	BLANK									
62.40	**84.90**	**sericitized bi muscovite/white mica schist “Gouda Horizon”**	E563246	62.40	64.01								
		Generally alternating brown and cream coloured, medium grained, well developed foliation generally perpindicular to core axis on the order of 1 every mm. Well developed compositional layering, layers typically 1 every 3-30mm. Localized sections of light green sericite layers. Some short intervals of scattered quartz augen present (3-5mm, ~1-3%). Localized sections of poor compositional layering generally silica flooded and bleached in appearance, grain size very fine to aphanitic (microcrystalline replacement). Localized section of friable, very soft "gouge" like material (soapy feel). Overall, pyrite 1-3% as fine disseminations, scattered fine mm strings with localized sections of 50+% coarse cm scale cubes with ~15% pyrrhotite and trace to 2% sphalerite (tbd).											
		fol @ 61.45	E563247	64.01	65.49		71						
		61.50-63.84- Section of silica flooding-colour bleached to a light grey, compositional layering poorly developed to absent, typically replaced with microcrystalline quartz (aphanitic). Trace pyrite as a few fine strings with trace pyrrhotite and sphalerite.	E563248	65.49	66.99			tr	tr	tr			
		fol @ 64.10	E563249	66.99	68.50		60						

Drillhole No: HEGZ10-04 | **Azimuth: 180** | **Easting: 5388007**
Project: Gouda Lake | **Dip: -45** | **Northing: 593748**
Date Collared: 15-OCT-10 | **Length: 94.49m** | **Logged By: Peterson**
Date Complete: 16-OCT-10 | **Elevation: 371m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		63.84-67.60- Section of silica flooding-colour bleached to a light grey, compositional layering poorly developed to absent, typically microcrystalline quartz replacement (aphanitic). Pyrite 3-5% as fine disseminated.	E563250	68.50	70.00			3-5%	3-5%				
								1-4%	1-4%				
		fol @ 70.66					65						
			E563401	70.00	71.45			5%					
			E563402	71.45	72.95								
		at 75.70 3mm pyrite veinlet	E563403	72.95	74.45								
		75.90-78.20- Section of friable schist, easily fractures along foliation planes, soapy feeling fracture surfaces. Short few cm section of "gouge-like" material (similar in consistency but not from shearing). 3-10% pyrite with trace sphalerite.	E563404	74.45	75.90			3-10%	3-10%	tr			
		76.51-76.70- Quartz vein with trace to 1% pyrite and trace sphalerite.	E563405	75.90	77.40			tr		tr			
		78.20-79.61- Section of silica flooding-colour bleached to a light grey, compositional layering poorly developed to absent, typically replaced with microcrystalline quartz (aphanitic). Pyrite 1% as fine disseminated and as fine strings along foliation with trace pyrrhotite and sphalerite.	E563406	77.40	78.84			1	tr	tr			
		78.27-78.33- 30-45% pyrite as .5cm veinlets with ~5% blebby pyrrhotite and trace sphalerite.	E563407	78.84	79.61			30-45%	5	tr			
		78.52- pyrite veinlet with pyrrhotite and trace sphalerite	E563408	79.61	80.61								
		79.61-80.60- massive coarse sulphide zone, 70-80% 0.5-1cm pyrite with ~5% pyrrhotite and sphalerite.	E563409	80.61	81.33			~80%	5	5			
			E563410	81.33	82.00								
		80.60-81.33- still significant sulphides but more as a series of veins and veinlets 25-35% pyrite at 65 degrees to core axis, trace pyrrhotite & sphalerite.	E563411	82.00	83.44			25-35%	tr	tr			
		81.33-81.77- massive sulphides as per 79.61-80.60	E563412	83.44	84.90			70	20	5			
		81.77-84.90- Generally 1-3% pyrite as fine disseminations, locally higher, a few flecks of molybdenite and trace pyrrhotite.						1	tr				tr mo
		84.30-84.40-- 40% pyrite as veinlets and blebs.	E563459	BLANK									
		83.74-83.76- Quartz vein, pinkish hue, trace pyrite and molybdenite.	E563460	86.30	87.80								
		84.03- Quartz vein, pinkish hue, barren	E563461	87.80	89.45								
84.90	92.27	**schistose to gneissose biotite quartzofeldspathic rock**	E563462	89.45	91.00			1					

Drillhole No: HEGZ10-04 | **Azimuth: 180** | **Easting: 5388007**
Project: Gouda Lake | **Dip: -45** | **Northing: 593748**
Date Collared: 15-OCT-10 | **Length: 94.49m** | **Logged By: Peterson**
Date Complete: 16-OCT-10 | **Elevation: 371m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated, amphibolite of intermediate composition. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations, and locally as scattered 1-3mm blebs and scattered stringers.											
92.27	**94.49**	**biotite amphibolite**											
		fine-grained well foliated 20% qtz and plag, 30% biotite and 50% amphibole (mainly hornblende); not compositionally layered; includes a few mm-scale epidote layers which contain up to 5% py; dark green colouring mottled with a dark coppery brown and black											
	94.49	**EOH**											

METALCORP

Drillhole No: HEGZ10-05
Project: Gouda Lake
Date Collared: 16-OCT-10
Date Complete: 17-OCT-10

Azimuth: 180
Dip: -65
Length: 143.26m
Elevation: 371m

Easting: 5388007
Northing: 593748
Logged By: Peterson/Flasha
Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	6.90	**Overburden and Casing**											
6.90	60.89	**schistose to gneissose biotite quartzofeldspathic rock**						tr					
		Well foliated, amphibolite of intermediate composition. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be											
		4.55-4.99- Feldspar porphyry intrusion- plagioclase crystals sub to anhedral, 2-4mm, amphiboles sub to euhedral, 1-2mm in a grey (quartz) groundmass. Minor amounts of biotite and trace pyrite. Poorly developed foliation. Weak potassic alteration of ground mass giving the rock a salmon hue.											
		7.20-7.85-Feldspar porphyry- hornblende rich, subhedral 1-3mm crystals, plagioclase crystals 3mm in light grey quartz groundmass.											
		10.49-10.66- Feldspar porphyry- as per interval 4.55-4.49											
		13.01-13.60- Feldspar porphyry- as per interval 4.55-4.49											
		14.92-17.60-Silica flooded muscovite schist- fine grained to aphanitic (microcrystalline replacement) very hard, well developed foliation on the order of 1 every 1mm. Well developed compositional layers on the order of 1 every 3-10mm. Typically, bleached appearance.											
		foliation @ 15.35					85						
		17.60-17.72- Quartz vein, pinkish hue perpendicular to core axis, barren.											
		23.76-24.40- Feldspar porphyry - as per interval 4.55-4.49											
		24.45-24.48- Quartz vein, pinkish hue perpendicular to core axis, barren.											
		30.38-30.50- Quartz vein, pinkish hue perpendicular to core axis, barren.											

Drillhole No: HEGZ10-05	Azimuth: 180	Easting: 5388007
Project: Gouda Lake	Dip: -65	Northing: 593748
Date Collared: 16-OCT-10	Length: 143.26m	Logged By: Peterson/Flasha
Date Complete: 17-OCT-10	Elevation: 371m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		foliation @ 30.60					89						
		31.38-31.78- Feldspar porphyry- grey, fine to medium grained. Plagioclase crystals sub to anhedral, 1-5mm, hornblende crystals subhedral, 1mm, quartz crystals 1mm anhedral. Well developed foliation on the order of 1 every mm. Poorly developed compositional layering to absent layering.											
		33.97-34.04 - Quartz vein, pinkish hue perpendicular to core axis, barren.											
		34.34-34.53- Feldspar porphyry- as per interval 31.38-31.78											
		foliation @ 36.50					88						
		39.78-39.81- Quartz vein, pinkish hue perpendicular to core axis, barren.											
		40.43-40.45- Quartz vein, pinkish hue perpendicular to core axis, barren.											
		foliation @ 45.72					85						
		51.44-51.53- Intermediate Intrusion- grey, fine grained to aphanitic- distinctive chill margins? (multiple events?) layering in the order of: aphanitic/fine/aphanitic/fine/aphanitic.											
		51.64-51.73- as per interval 51.44-51.53											
		56.36-56.55- as per interval 51.44-53											
		59.62-60.00- Feldspar porphyry- as per interval 31.38-31.78											
		59.47 - 59.95 quartz feldspar porphyry; moderately bleached? With cross-cutting stringers; looks chloritic											
		59.95 - 60.89 garnet bearing zone, up to 0.5cm wide, sparsely distributed (see in core every 5cm or so)											
		58.81 1.5cm quartz vein with blebs of oy (mm-scale), med-grained											
		60.66 2cm smoky quartz vein with up to 5% py and 1% po along edges, up to 40% quartz (fine) crystals for 3cm surrounding the vein	E559540	59.95	60.89		73	1%					
60.89	77.28	**sericitized bi muscovite/white mica schist "Gouda Horizon"**											
		smoky light grey massive quartz sericite zones and mm-scale compositionally layered light grey and dark green grey to burgundy grey zones with local med-grained quartz eyes; tr to 1% py throughout						tr-1%					
		60.89 - 61.93 more massive light grey sericite zone, no layering; more quartz rich						1-2%					
		61.25 - 61.30 discontinuous smoky to white quartz vein with heavy muscovite along selvages											
		61.67 - 61.72 smoky quartz vein with thin py layer along contact edge											

METALCORP

Drillhole No: HEGZ10-05 | **Azimuth: 180** | **Easting: 5388007**
Project: Gouda Lake | **Dip: -65** | **Northing: 593748**
Date Collared: 16-OCT-10 | **Length: 143.26m** | **Logged By: Peterson/Flasha**
Date Complete: 17-OCT-10 | **Elevation: 371m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		61.93 - 70.65 banded schist with up to 1cm wide quartz eyes					77						
		63.02 - 63.25 foliated diorite dyke; chlorite and epidote altered						tr					
		66.94 - 66.99 smoky quartz vein, heavy muscovite (medium-grained) along contact, with foliation					81						
		67.21 - 67.29 heavy biotite zone with 1% py; some larger crystals (fine-grained)											
		67.95 - 68.00 0.5cm wide zone of very fine-grained dark grey mineral; sulphides??!!											
		68.49 - 68.58 medium grained biotite dominant zone with medium-grained py (2-5%)						2-5%					
		68.58 - 68.92 coarse-grained biotite zone with four 1.5cm smoky quartz veins zinging through (but not continuous)											
		69.56 - 70.14 foliated medium-grained diorite dyke					74	tr-1%					
		70.65 - 75.64 more homogeneous fine-grained medium-grey mica zone with no compositional layering						1%					
		70.70 - 72.17 section less competent (easily broken/friable); talc-rich											
		70.81 - 70.88 white quartz vein along foliation; 2-5% py along the contact edges						2-5%		2%			
		71.57 - 72.73 medium-grained muscovite; up to 10% py and 2% sph within the foliation											
		74.55 - 74.59 massive coarse-grained pyrite and pyrrhotite zone; up to 50% py and 50% po											
		76.24 - 76.72 semi-massive sulphide zone; up to 30% py, 10% po and tr sph; sulphides med-grained and layered within the schist					80						
		76.72 - 77.05 20-30% pyrite with up to 1% po and 1% sph											
		77.30 - 78.87 calc-silicate; cm-scale compositionally layered section alternating between quartzofeldspathic-rich layers and more biotite-amphibole-rich layers; up to 5% py, found associated with the biotite; veinlets of epidote cross-cut the foliation					73						
			E559541	60.89	61.93								
			E559542	61.93	63.43								
			E559543	63.43	65.01								
			E559544	65.01	66.51								
			E559545	66.51	68.00								
			E559546	68.00	69.56								
			E559548	69.56	70.65								
			E559549	70.65	71.57								
			E559550	71.57	72.73								
		sulphides are in mm-scale foliated layers	E559551	72.73	74.11			tr-20%		tr-1%			
			E559552	74.11	75.58			1-5%					

METALCORP

Drillhole No: HEGZ10-05 | **Azimuth: 180** | **Easting: 5388007**
Project: Gouda Lake | **Dip: -65** | **Northing: 593748**
Date Collared: 16-OCT-10 | **Length: 143.26m** | **Logged By: Peterson/Flasha**
Date Complete: 17-OCT-10 | **Elevation: 371m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
			E559553	75.58	77.30								
			E559554	77.30	78.87								
78.89	**87.72**	**schistose to gneissose biotite quartzofeldspathic rock**						1					
		Well foliated, amphibolite of intermediate composition. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations, and locally as scattered 1-3mm blebs and scattered stringers.											
		foliation @ 85.45											
87.72	**123.15**	**Biotite Amphibolite**						tr					
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1 every mm. Poorly developed compositional layering, typically 1 every 3-5mm (where developed). Locally, layers are ptygmatically folded. Localized sections of discontinuous layers. Approximately 85% 1-3mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1mm blebs. Localized large interval of several intermediate intrusions varying from 2cm to 50cm.											
		99.15-108.35- Section of several intermediate intrusions varying from 2 cm to 50cm generally perpendicular to core axis. Generally, medium grained Feldspar porphyry, grey, well developed foliation with foliation on the order of 1 every mm, poorly developed compositional layering to absent. Plagioclase crystals 3mm, subhedral, quartz crystals 1mm, subhedral, hornblende crystals 1-2mm and subhedral. Some intrusions have wk potassic enrichment giving the rock and orange/salmon hue.											

Drillhole No: HEGZ10-05	Azimuth: 180	Easting: 5388007
Project: Gouda Lake	Dip: -65	Northing: 593748
Date Collared: 16-OCT-10	Length: 143.26m	Logged By: Peterson/Flasha
Date Complete: 17-OCT-10	Elevation: 371m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		113.94-114.04- Pegmatite dyke-Large.5 to 1cm plagioclase and quartz crystals with 2cm fine grained chill margins. 3-8mm red garnets present.											
123.15	143.26	**Pukaskwa Batholith – foliated granite**						tr					
		Graniodiorite to Granite gneiss, medium grained (2-4mm), typically uniform grain size. Hornblende crystals subhedral aligned perpendicular to core axis. Plagioclase and quartz crystals subhedral to anhedral. Well developed foliation, foliation planes on the order of 1 every mm. Poorly developed compositional layering. Trace scattered pyrite blebs 1mm.											
		127.25-127.53- Pegmatite dyke- Very coarse grained (0.5-1cm). Mainly composed of subhedral plagioclase and quartz. All crystals are hematite stained.											
		129.32-138.92- Pegmatite dyke- As described per interval 127.25-127.53. Trace scattered 1mm pyrite blebs.											
143.26		**EOH**											

METALCORP

Drillhole No: HEGZ10-06 | **Azimuth: 180** | **Easting: 5388007**
Project: Gouda Lake | **Dip: -90** | **Northing: 593748**
Date Collared: 17-OCT-10 | **Length: 100.59m** | **Logged By: Peterson**
Date Complete: 18-OCT-10 | **Elevation: 371m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	65.27	**schistose to gneissose biotite quartzofeldspathic rock**						tr					
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized											
		Foliation @ 6.10					75						
		4.74-5.12- Feldspar porphyry intrusion- Plagioclase crystals sub to anhedral, 2-4mm, amphiboles sub to euhedral, 1-2mm in a grey (quartz) groundmass. Poorly developed foliation.											
		10.97- 11.15 As per rocks in interval 4.74-5.12 with localized potassic enrichment.											
		11.35-11.40- Brecciated section with sub angular clasts 4mm to 2cm.											
		11.15-11.77- Section of sinuous potassic enrichment giving rock an orange/salmon colour.											
		13.63-14.27- As per rocks in interval 4.74-5.12 with the exception of potassic enrichment giving the leucocratic layers an orange/salmon hue. Trace fine disseminated pyrite.						tr					
		15.70-18.29- Section of silica flooding (microcrystalline replacement), bleached, very fine grained to aphanitic. Well developed layering, layers on the order of 1 every 3-10mm (cream and brown coloured layers). Well developed foliation on the order of 1 every mm generally 70 degrees to core axis. Trace pyrite as fine strings along foliation.											
		Foliation @ 23.40					65						
		21.50-21.82- As per interval 11.15-11.77											

METALCORP

Drillhole No: HEGZ10-06 | **Azimuth: 180** | **Easting: 5388007**
Project: Gouda Lake | **Dip: -90** | **Northing: 593748**
Date Collared: 17-OCT-10 | **Length: 100.59m** | **Logged By: Peterson**
Date Complete: 18-OCT-10 | **Elevation: 371m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		21.94-22.10- Quartz Vein, pinkish hue, barren.											
		30.83-30.86- Quartz Vein, pinkish hue, barren.											
		33.27-33.77- As per rocks in interval 4.74-5.12 with the exception of potassic enrichment giving the felsic layers an orange/salmon hue. Trace fine disseminated pyrite.											
		33.92-34.24- Quartz vein, pinkish hue, barren.											
		Foliation @ 34.55					65						
		36.58-37.75- Section of sinuous potassic enrichment giving rock an orange/salmon colour with several epidote strings.											
		Foliation @39.70					70						
		47.60-47.70- Pyrite increases to 25% in this short interval as long 3-5mm blebs oriented along foliation 70 degrees to core axis and 5% pyrrhotite as 1mm.	E563490	47.00	48.50			25	5				
		47.70-54.86- Pyrite 1-3% as fine disseminated, scattered fine strings along foliation, 70 degrees to core axis and scattered 1-3mm blebs.	E563491	48.50	50.00								
		54.86-62.56- Very dark green, very fine grained section of well developed foliation but poorly developed to no compositional layering. Foliation planes on the order of 1 every mm. Pyrite trace to 1% as scattered fine strings along foliation planes.	E563492	50.00	51.50								
		58.07-58.20- Quartz vein, pinkish hue, barren.	E563493	51.50	53.00								
65.27	**81.46**	**sericitized bi muscovite/white mica schist "Gouda Horizon"**	E563494	53.00	54.50								
		Generally alternating brown and cream coloured, medium grained, well developed foliation generally perpendicular to core axis on the order of 1 every mm. Well developed compositional layering, layers on the order of 1 every 3mm-30mm, localized sections of light green sericite layers, localized sections of poor compositional layering, typically silica flooded and bleached in appearance, grain size very fine to aphanitic (microcrystalline replacement). Also, a localized section of friable, very soft generally incompetent core (soapy feel on fracture surfaces). Overall, pyrite 1-3% as fine disseminations, scattered fine mm strings with exception of sulphide zone where ~50+% coarse cm scale pyrite cubes with ~25% pyrrhotite and 10% sphalerite (tbd).											
		Foliation @ 65.50	E563495	54.50	56.00		60						
		65.50-66.42-Section of silica flooding-colour bleaching to a light grey, compositional layering poorly developed to absent, generally replaced with microcrystalline quartz (aphanitic). Trace pyrite as a few scattered 1-3mm blebs.	E563496	BLANK									
		Foliation @ 66.52	E563497	56.00	57.50		30						

METALCORP

Drillhole No: HEGZ10-06 | **Azimuth: 180** | **Easting: 5388007**
Project: Gouda Lake | **Dip: -90** | **Northing: 593748**
Date Collared: 17-OCT-10 | **Length: 100.59m** | **Logged By: Peterson**
Date Complete: 18-OCT-10 | **Elevation: 371m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Foliation @ 67.50	E563498	57.50	59.00								
		67.64-67.80- Quartz vein, pinkish hue, barren.	E563499	59.00	60.50		60						
		67.80-80.03- Augen present in this interval, 0.5-1cm oriented generally perpendicular to core axis.	E563500	60.50	62.00								
		Foliation @ 70.10	E563466	BLANK									
		70.20-70.47- Amphibolite(?)- Very dark colour (almost black) 80+% hornblende with lesser amount of plagioclase, no visible quartz. Crystals fairly uniform in size, medium grained, subhedral to euhedral.	E563467	65.27	66.50		70						
		70.58-70.72- As per interval 70.20-70.47	E563468	66.50	68.00								
		73.36-73.48- Quartz vein, pinkish hue, barren.	E563469	68.00	69.50								
		74.03-74.25- 50% pyrite as elongated blebs along foliation planes. Several ~5mm discontinuous quartz veins, generally perpendicular to core axis, hues vary from pink to bluish to purple.	E563470	69.50	71.00		50						
		74.25-76.64- Pyrite increases to 10-15% as fine disseminations, scattered strings along foliation and scattered 1-3mm cubes. Pyrrhotite increases to 1%.	E563471	71.00	72.50								
		76.64-78.58- Section of friable very soft core ("talc" soapy feeling on fracture surfaces) Fractures easily along foliation planes ~80 degrees to core axis.	E563472	72.50	74.00		15	5					
		80.23-80.84- Section of concentrated coarse pyrite with pyrrhotite and sphalerite as described in unit description.40-50% pyrite, 25% pyrrhotite, 5-10% sphalerite.	E563473	BLANK				50	25	10			
		81.38-81.44- Pyrite, pyrrhotite, sphalerite "vein" 70 degrees to core axis, ~25% pyrite, ~30% pyrrhotite and ~5% sphalerite.	E563474	74.00	75.50								
81.46	**94.38**	**schistose to gneissose biotite quartzofeldspathic rock**	E563475	75.50	77.00			1					

METALCORP

Drillhole No: HEGZ10-06 **Azimuth: 180** **Easting: 5388007**
Project: Gouda Lake **Dip: -90** **Northing: 593748**
Date Collared: 17-OCT-10 **Length: 100.59m** **Logged By: Peterson**
Date Complete: 18-OCT-10 **Elevation: 371m** **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations, and locally as scattered 1-3mm blebs and scattered stringers.											
		Foliation @ 82.30	E563476	77.00	78.50		70						
		Foliation @ 85.25	E563477	78.50	80.00		70						
		Foliation @ 88.40	E563478	80.00	80.80		70						
		Folation @ 91.44	E563479	80.80	81.44		70						
		88.11- 88.20- Quartz Vein-pinkish hue, 75 degrees to core axis, barren.	E563480	BLANK									
			E563481	81.44	83.00								
94.38	**100.59**	**Biotite Amphibolite**	E563482	83.00	84.50			tr					
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Locally layers are ptygmatically folded. Localized sections of discontinuous layers. Approximately 85% 1-3mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Localized sections of biotite layering. Trace pyrite as scattered 1mm blebs.											
		97.40-97.80- Intermediate intrusion- grey colour, very irregular upper contact, definite chill margins. Hornblende crystals 1-3mm in the chill margins and less than 1mm in the interior section. All other crystals aphanitic.	E563483	84.50	86.00								
	100.59	**EOH**	E563484	86.00	87.50								

METALCORP

Drillhole No: HEGZ10-06 **Azimuth: 180** **Easting: 5388007**
Project: Gouda Lake **Dip: -90** **Northing: 593748**
Date Collared: 17-OCT-10 **Length: 100.59m** **Logged By: Peterson**
Date Complete: 18-OCT-10 **Elevation: 371m** **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
			E563485	87.50	89.00								
			E563486	89.00	90.50								
			E563487	90.50	92.00								
			E563488	92.00	93.50								
			E563489	93.50	95.00								

METALCORP

Drillhole No: HEGZ10-07 | **Azimuth: 180** | **Easting: 593699**
Project: Gouda Lake | **Dip: -45** | **Northing: 5388006**
Date Collared: 18-OCT-10 | **Length: 109.73m** | **Logged By: Susan Flasha**
Date Complete: 18-OCT-10 | **Elevation:** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	5.77	**casing/overburden**											
5.77	63.78	**schistose to gneissose biotite quartzofeldspathic rock (referred to previously as 'Intermediate Volcanics')**											
		biotite (~10%), plagioclase and quartz (~40%), amphibole (~50%); fine-grained, well foliated; mm-scale discontinuous compositional layering (alternating more amph+bi- vs. quartz+plag-rich); pyrite is disseminated and foliated, found along foliation planes; tr-2% disseminated beige-coloured sphene typically observed throughout the						tr					
		7.03 - 7.25 five 1-2cm smoky quartz veins					69						
		7.95 - 8.33 poorly foliated medium-grained qtz feldspar porphyry, although contact parallel to the foliation angle											
		10.74 smoky quartz vein, 5cm wide; biotite along contact and tr blebs of py											
		11.39 - 3cm grey white quartz vein											
		11.97 - 2cm rosy quartz vein											
		13.00 - 14.34 very fine-grained light to med grey bleached zone (silicified?) with mm-scale biotite layers					81						
		13.49 - 13.63 white quartz vein, not continuous through core											
		14.34 - 14.44 medium-grained feldspar porphyry, poorly foliated											
		14.44 - 14.70 fine-grained well foliated porphyry dyke											
		14.80 - 15.06 med-grained porphyry dyke, although 'bleached' with some pink undertones (potassic alteration?) and 1% epidote, possibly replacing pyrite crystals											
		15.20 - 15.80 well foliated, fine-grained, bi-amph-rich intrusive with epidote alteration (green hue)						tr					
		18.87 - 19.03 foliated medium-grained quartz feldspar porphyry						1%					
		19.97 - 20.12 fine-grained amphibole and biotite-rich zone with discontinuous pyrite seams or very foliated mm-scale pyrite layers						2-5%					
		20.22 - 20.28 smoky quartz vein, along foliation plane	E559583	19.84	21.34	1.50							
		20.31 - 20.40 smoky quartz vein, along foliation plane	E559584	21.34	22.14	0.80							
		19.97 - 22.14 several 5-10cm smoky quartz veins going through biotite-rich layers, with up to 10% associated fine- to medium-grained pyrite; well foliated	E559585	22.14	23.60	1.46							

METALCORP

Drillhole No: HEGZ10-07 | **Azimuth: 180** | **Easting: 593699**
Project: Gouda Lake | **Dip: -45** | **Northing: 5388006**
Date Collared: 18-OCT-10 | **Length: 109.73m** | **Logged By: Susan Flasha**
Date Complete: 18-OCT-10 | **Elevation:** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		21.42 - 23.18 competent and bleached (silicified?) section with											
		23.53 - 23.60 smoky quartz vein											
		23.32 - 23.36 smoky quartz vein with one py cube 2cm across					73						
		25.23 - 30.08 weak mm-scale compositional layering; light pink hue to majority of the section (not completely pervasive throughout the entire section; potassic?); local cross-cutting veinlets of epidote (28 degrees to CA)					73						
		28.89 - 29.38 weakly foliated medium-grained quartz feldspar porphyry, strongly cut by epidote veinlet; surrounding area has pink colouration (potassic alteration?)											
		31.56 - 31.61 smoky quartz vein along foliation											
		33.45 - 34.21 host to eleven cm-scale smoky quartz veins along the foliation; this section is cut by epidote veinlets and has pink colouration (potassic alteration?)											
		35.10 - 33.57 well-foliated, medium-grained quartz feldspar porphyry						tr-1%					
		37.62 - 37.84 well-foliated, medium-grained quartz feldspar porphyry						tr-1%					
		38.00 fold nose											
		38.62 - 38.74 irregular smoky quartz vein including coarse- to medium-grained crystals of amphibole and epidote											
		38.74 - 39.42 well-foliated, medium-grained quartz feldspar porphyry					80	tr-1%					
		44.41 - 45.88 fine- to medium-grained py in the foliation planes, and also present in mm-scale layers	E559587	44.41	45.88	1.47		1-5%					
		49.11 - 49.65 medium-grained plagioclase porphyroblasts; 5-10% disseminated pyrite within the first 6 cm					85	1-10%					
		54.14 - 56.64 1-3% fine-grained disseminated pyrite					79	1-3%					
		56.44 - 56.59 white quartz-rich layer, not vein-like; tr to 1% po blebs							tr-1%				
		57.69 3cm smoky quartz vein along foliation											
		57.76 1cm folded quartz vein along foliation											

Drillhole No: HEGZ10-07
Project: Gouda Lake
Date Collared: 18-OCT-10
Date Complete: 18-OCT-10

Azimuth: 180
Dip: -45
Length: 109.73m
Elevation:

Easting: 593699
Northing: 5388006
Logged By: Susan Flasha
Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		60.96 - 63.78 garnet-bearing zone (up to 1cm porphyroblasts), although rare; more pyritic (up to 5%); pyrrhotite abundance increases downhole (more magnetic as well); sulphides are fine-grained and foliated; zone is more amphibole and biotite-rich; no layering, more homogeneous					83	1-5%	rare-1%				
		63.13 - 63.46 fine- to medium-grained quartz feldspar porphyry						tr					
63.78	84.60	**Gouda Horizon - Biotite Muscovite/White Mica Schist**											
		well-foliated, fine to very fine-grained (sericitic) schistose rock, composed predominantly of muscovite and biotite and phlogopite(?) with fine-grained quartz, local medium- to fine-grained lens-shaped quartz eyes and zones locally rich in talc; mm- to cm-scale compositional layering is present although not present throughout the											
		63.78 - 65.28 only tr py in foliation; more homogeneous medium-grey, very fine-grained mica, with no compositional layering					78						
		64.86 - 64.92 smoky purple quartz vein along foliation											
		75.97 - 81.30 only tr py in foliation; more homogeneous well foliated medium-grey, very fine-grained mica, sericite and quartz, with no compositional layering											
		76.37 - 77.20 soft, friable or crumbly, sericite and talc-rich zone						1-10%		rare to 1%			tr mag
		76.45 5cm zone of 10% pyrite, 1% sph and tr specs of magnetite along foliation											
		#559569 well-foliated, medium-grained 5% py, 1-2% sph, tr-1% gal and 3 specs of cpy in foliation; more competent rock (less talc and sericite?) than following two sample sections					82	5%		1-2%	tr-1%	rare	
		#559670 similar to the sample above, but not as well foliated						5%		1-2%	tr-1%		
		80.0 - 80.21 light smoky grey quartz vein with pyrite along contacts											
		80.21 - 81.30 more talc and sericite-rich zone (soft and crumbly)						2-5%		tr-1%			
		81.11 - 81.30 30-70% disseminated medium- to coarse-grained py and 1% sph						30-70%		1%			
		80.78 15% sph zone, 3cm across								15%			

METALCORP

Drillhole No: HEGZ10-07 | **Azimuth: 180** | **Easting: 593699**
Project: Gouda Lake | **Dip: -45** | **Northing: 5388006**
Date Collared: 18-OCT-10 | **Length: 109.73m** | **Logged By: Susan Flasha**
Date Complete: 18-OCT-10 | **Elevation:** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		81.30 - 84.60 competent (silica-rich?) section with mm-scale compositionally layered fine-grained muscovite and biotite					87						
		84.24 - 84.37 semi-massive py-po zone associated with greater abundance of amphibole; well foliated					80	50%	30%				
			E559555	60.96	62.49	1.53							
			E559556	62.49	63.78	1.29							
			E559557	63.78	65.26	1.48							
			E559558	65.26	66.70	1.44							
			E559560	66.70	68.21	1.51							
			E559561	68.21	69.89	1.68							
			E559562	69.89	71.41	1.52							
			E559563	71.41	72.75	1.34							
			E559564	72.75	74.00	1.25							
			E559565	74.00	75.13	1.13							
			E559566	75.13	75.97	0.84							
			E559567	75.97	77.20	1.23							
			E559569	77.20	78.47	1.27							
			E559570	78.47	79.89	1.42							
			E559571	79.89	81.30	1.41							
			E559572	81.30	83.02	1.72		rare-1%	tr bleb				
			E559573	83.02	84.60	1.58		tr-1%	tr-1%				
84.60	93.18	**schistose to gneissose biotite quartzofeldspathic rock**											
		biotite (~10%), plagioclase and quartz (~40%), amphibole (~50%); fine-grained, well foliated; mm-scale discontinuous compositional layering (alternating more amph+bi- vs. quartz+plag-rich); pyrite is disseminated and foliated, found along foliation planes; tr-2% disseminated beige-coloured sphene typically observed throughout the unit					78	tr-2%					
		91.08 - 92.79 orangey-red colouration; potassic alteration? Local jasper?					83						
93.18	109.73	**mesocratic to melanocratic biotite amphibolite**											

METALCORP

Drillhole No: HEGZ10-07 | **Azimuth: 180** | **Easting: 593699**
Project: Gouda Lake | **Dip: -45** | **Northing: 5388006**
Date Collared: 18-OCT-10 | **Length: 109.73m** | **Logged By: Susan Flasha**
Date Complete: 18-OCT-10 | **Elevation:** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		fine-grained well foliated 5% quartz and plag, 30% biotite and 60% amphibole (mainly hornblende - acicular grains observed); not compositionally layered; includes a few mm-scale epidote layers which contain up to 5% py; dark green colouring mottled with a dark coppery brown and black						tr-5%					
		93.18 - 94.82 mm-scale layers of epidote + plag + qtz alternating with amphibole; up to 10% py						1-10%					
		94.82 - 109.73 more 'ductile'/wavy looking texture, not good planar foliation; more massive amphibole with only minor biotite and tr felsic minerals											
		100.15 - 100.29 foliated medium-grained feldspar porphyry											
		100.29 - 101.22 fine-grained equigranular dyke/sill; qtz<plag<biotite with 1% fine-grained py cubes						1%					
		101.22 - 104.04 foliated medium-grained feldspar porphyry											
		104.04 - 105.68 section contains 9 cm-scale foliated granitic dykes or sills											
		105.68 - 107.24 poorly foliated medium-grained granite; qtz>>plag>> hbl and biotite; looks similar to the Puakaskwa Gneiss						1%					
		107.24 - 109.73 1-6cm thick granitic dykelets, similar to 105.68m					72						
109.73		EOH											

METALCORP

Drillhole No: HEGZ10-08 **Azimuth: 180** **Easting: 5388006**
Project: Gouda Lake **Dip: -65** **Northing: 593699**
Date Collared: 19-OCT-10 **Length: 94.49m** **Logged By: Peterson**
Date Complete: 19-OCT-10 **Elevation: 374m** **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	6.90	**Overburden/Casing**											
6.90	62.83	**schistose to gneissose biotite quartzofeldspathic rock**						tr					
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations, and locally as											
		Foliation @ 12.56					70						
		12.15-13.33- Section of poorly developed compositional layering. Bleached appearance, very fine grained to aphanitic, silica flooded (very hard-steel comes of knife blade, microcrystalline replaced), Layers on the order of 1 every 3-5mm approximately 88 degrees to core axis.											
		13.33-13.47- Feldspar porphyry intrusion- plagioclase crystals sub to anhedral, 2-4mm, amphiboles sub to euhedral, 1-2mm in a grey (quartz) groundmass. Minor amounts of biotite and trace pyrite. Poorly developed foliation.											
		13.79-13.89- As per rocks in interval 12.15-13.33											
		13.89-14.02- As per rocks in interval 13.33-13.47 with the exception of weak potassic enrichment of ground mass from 13.99-14.02 giving the groundmass a salmon coloured hue.											
		14.15-14.43- As per rocks in interval 13.33-13.47 with the exception of potassic enrichment giving the groundmass and plagioclase crystals an orange/salmon colour.											
		14.43-14.75- As per rocks in interval 12.15-13.33 with the exception of potassic enrichment giving the more felsic layers an orange/salmon hue.											

METALCORP

Drillhole No: HEGZ10-08 | **Azimuth: 180** | **Easting: 5388006**
Project: Gouda Lake | **Dip: -65** | **Northing: 593699**
Date Collared: 19-OCT-10 | **Length: 94.49m** | **Logged By: Peterson**
Date Complete: 19-OCT-10 | **Elevation: 374m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		15.03-15.50- Amphibole rich intrusion -Hornblende crystals vary in size from <1mm to 4-5mm, sub to euhedral. Plagioclase crystals <1mm, sub to anhedral, quartz crystals <1mm sub to anhedral. ~70-80% hornblende.											
		18.32-18.48- Feldspar porphyry-as per rocks in 13.33-13.47											
		19.49-19.59- Quartz vein- pinkish hue, perpendicular to core axis, a few 1-3mm pyrite cubes.											
		19.61-19.62- Quartz vein, pinkish hue, perpendicular to core axis, barren.											
		19.63-19.64- Quartz vein, pinkish hue, perpendicular to core axis, barren.											
		19.80-19.83- Quartz vein-pinkish hue, discontinuous, barren											
		20.02-20.04- Quartz vein as per 19.49-19.59											
		20.33-20.36- Quartz vein as per 19.49-19.59											
		20.48-20.52- Quartz vein as per 19.49-19.59											
		20.54-20.57- Quartz vein as per 19.80-19.83											
		20.91-21.06- Quartz vein- irregular shape-spays down hole and biotite between main vein and splay and surrounding splay.											
		21.25-22.53- As per rocks in interval 12.15-13.33											
		22.53-22.61- Quartz vein- pinkish hue, generally perpendicular to core axis, barren.											
		Foliation @ 30.48					85						
		Foliation @ 30.80					75						
		32.96-33.00- Quartz vein as per 22.53-22.61											
		Foliation @ 33.92					85						
		Foliation @ 36.58					85						
		40.60-40.65- Quartz vein- pinkish hue, perpendicular to core axis, barren.											
		44.16-44.18- Quartz vein as per 40.60-40.65											
		Foliation @ 46.98					80						
		46.98-47.06- Section of pyrite as fine strings along foliation plane-10-15%.											
		Foliation @ 48.90					85						
		50.87-51.35- Pegmatite dyke, mainly composed of plagioclase with lesser amounts of quarts and potassium feldspar. Crystals in general 3-5cm. Trace pyrite as a few 3-5mm blebs.						tr					
		51.35-53.70- Up to 1% pyrite as scattered fine strings along foliation.						1					
		61.02-62.83- Garnetiferous section, still well foliated with weak compositional layering as per general unit description but with 3mm-1cm scattered dark red/brown garnet porphyroblasts.											

METALCORP

Drillhole No: HEGZ10-08 | **Azimuth: 180** | **Easting: 5388006**
Project: Gouda Lake | **Dip: -65** | **Northing: 593699**
Date Collared: 19-OCT-10 | **Length: 94.49m** | **Logged By: Peterson**
Date Complete: 19-OCT-10 | **Elevation: 374m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		61.28-61.70- Feldspar porphyry intrusion-Generally a medium grey colour. Plagioclase and quartz crystals sub to anhedral, plagioclase ~3mm and quartz 1-2mm. Hornblende crystals subhedral, 1-2mm. Trace pyrite as 1mm scattered specks.						tr					
62.83	80.27	**sericitized bi muscovite/white mica schist "Gouda Horizon"**											
		Generally alternating brown and cream coloured, medium grained, well developed foliation generally perpendicular to core axis on the order of 1 every mm. Well developed compositional layering, layers on the order of 1 every 3mm-30mm. Localized sections of light green sericite layers. Some short intervals of scattered quartz augen present (3-5mm, ~1-3%). Localized sections of poor compositional layering generally silica flooded and bleached in appearance, grain size very fine to aphanitic (microcrystalline replacement). Localized section of friable, very soft "talc" (soapy feel). Overall, pyrite 1-3% as fine disseminations, scattered fine mm strings with localized sections of 50+% coarse cm scale cubes with ~15% pyrrhotite and trace to 2% sphalerite (tbd).											
		Foliation @ 67.06					85						
		73.46-74.00- Section of friable very soft core ("talc" soapy feeling on fracture surfaces) Fractures easily along foliation planes ~80 degrees to core axis.											
		Foliation @ 73.50					83						
		74.77-80.26-Section of silica flooding-colour bleached to a light grey, compositional layering poorly developed to absent, generally replaced with microcrystalline quartz (aphanitic). Pyrite and pyrrhotite increase to 5-10%, pyrite as described in unit description. Pyrrhotite localized to a few sections as discontinuous strings/veinlets (3mm-10mm).											
		76.50-76.85- Section of concentrated coarse pyrite with pyrrhotite and sphalerite as described in unit description. 50-60% pyrite, 15% pyrrhotite, 5-10% sphalerite.											
80.27	90.88	**schistose to gneissose biotite quartzofeldspathic rock**						1					

METALCORP

Drillhole No: HEGZ10-08 | **Azimuth: 180** | **Easting: 5388006**
Project: Gouda Lake | **Dip: -65** | **Northing: 593699**
Date Collared: 19-OCT-10 | **Length: 94.49m** | **Logged By: Peterson**
Date Complete: 19-OCT-10 | **Elevation: 374m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations, and locally as											
		Foliation @ 86.00					80						
		90.39-90.41- Quartz vein-pinkish hue, 85 degrees to core axis, barren.											
		90.71-90.88- Intermediate intrusion- fine grained, grey colour, poorly developed foliation perpendicular to core axis. Hornblende crystals subhedral, plagioclase and quartz crystals anhedral.											
90.88	94.49	**biotite amphibolite**						tr					
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Locally layers are pytgmatically folded. Localized sections of discontinuous layers. Approximately 85% 1-3mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Biotite altered layers localized to the last 15 cm of hole. Trace pyrite as scattered 1mm blebs											
	94.49	**EOH**											

METALCORP

Drillhole No: HEGZ10-09 | **Azimuth: 180** | **Easting: 5388006**
Project: Gouda Lake | **Dip: -90** | **Northing: 593699**
Date Collared: 20-OCT-10 | **Length: 109.73m** | **Logged By: Peterson & Flasha**
Date Complete: 20-OCT-10 | **Elevation: 374m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	1.69	**Overburden/Casing**											
1.69	67.68	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly											
		4.00-5.30- Feldspar Porphyry intrusion- colour ranges from grey to dark grey, plagioclase crystals sub to anhedral, 2-4mm, amphiboles sub to euhedral, 1-2mm in a grey (quartz) groundmass. Minor amounts of biotite and trace pyrite. Well developed foliation typically perpendicular to core axis.											
		7.96-8.32- As per rock in interval 4.00- 5.30											
		12.25-12.45- Quartz vein- pinkish hue, barren.											
		15.14-16.00- Silica flooded, with potassium enriched leucocratic layers, typically aphanitic (microcrystalline replacement) and layers are alternating in colour from salmon pink to black.											
		19.82-20.06- As per rock in interval 4.00-5.30											
		22.20-23.56- Short interval of biotite-sericite schist, silica flooded, aphanitic (microcrystalline replacement), well layered, brown and cream coloured layers, typically 1 every 3-10mm.											
		23.30-23.42- Quartz vein, pinkish hue, barren.											
		25.26-25.31- Quartz vein, pinkish hue, barren.											
		25.39-25.45- Quartz vein, pinkish hue, barren.											
		25.63-25.70- Quartz vein, pinkish hue, barren.											
		Foliation @ 33.53					70						
		34.57-34.53- Quartz vein, pinkish hue, barren.											

METALCORP

Drillhole No: HEGZ10-09 | **Azimuth: 180** | **Easting: 5388006**
Project: Gouda Lake | **Dip: -90** | **Northing: 593699**
Date Collared: 20-OCT-10 | **Length: 109.73m** | **Logged By: Peterson & Flasha**
Date Complete: 20-OCT-10 | **Elevation: 374m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		39.81-40.27- Pegmatite dyke- mainly composed of potassium feldspar with lesser amounts of plagioclase and quartz and trace amounts of amphibole. Potassium feldspar crystals typically 2-3cm, plagioclase crystals .5-1cm, quartz crystals 1-2cm, and amphibole crystals approximately 1cm long. All crystals typically subhedral. Trace pyrite occurs as a few mm sized blebs.											
		41.20-41.24- Quartz vein, pinkish hue, barren.											
		48.95-49.12- Quartz vein, pinkish hue, barren.											
		52.15-52.26- Quartz vein, pinkish hue, barren.											
		Foliation @ 51.90					78						
		Foliation @ 60.00					68						
		59.09-59.20- Quartz vein, pinkish hue, barren.											
		61.77-61.79- Quartz vein, pinkish hue, barren.											
		63.95 - 64.74 weak compositional layering (mm-scale); fine-grained						tr					
		64.74 - 67.68 mainly amphibole and biotite, very little qtz and plag (10% total) with 1-2-% py					78	1-2%					
		66.30 - 66.57 grey medium-grained quartz feldspar porphyry											
		66.57 - 67.68 contains 5-20% cm-scale garnet porphyryoblasts											
67.68	**86.64**	**sericitized bi muscovite/white mica schist "Gouda Horizon"**											
		well-foliated, fine to very fine-grained (sericitic) schistose rock, composed predominantly of muscovite and biotite and phlogopite(?) with fine-grained quartz, local medium- to fine-grained lens-shaped quartz eyes and zones locally rich in talc; mm- to cm-scale compositional layering is present although not present throughout the unit; rare to tr pyrite											
		68.30 - 68.37 discontinuous smoky purple quartz vein; edges are muscovite rich											
		68.74 4cm smoky quartz vein along foliation plane											
		68.95 - 74.82 mm-scale poor compositional alyering (muscovite vs. biotite); 1% py as specs in foliation or fine disseminated cubes; micro fold along the foliation; very muscovite-rich					65						
		70.26 - 70.56 up to 5% disseminated fine-grained py cubes						5%					
		72.41 - 72.75 well foliated feldspar porphyry dyke											
			E559577	67.68	68.95	1.27							
			E559579	68.95	70.56	1.61							
			E559580	70.56	72.04	1.48							
			E559581	72.04	73.54	1.50							
			E559582	73.54	75.19	1.65							

Drillhole No: HEGZ10-09 | **Azimuth: 180** | **Easting: 5388006**
Project: Gouda Lake | **Dip: -90** | **Northing: 593699**
Date Collared: 20-OCT-10 | **Length: 109.73m** | **Logged By: Peterson & Flasha**
Date Complete: 20-OCT-10 | **Elevation: 374m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		#559592 and 593 mm-scale compositional layering with micro-folds along foliation planes, tr cubes of py within biotite-rich (darker) layers	E559592	75.19	76.09	0.90	75	tr-1%					
			E559593	76.09	77.13	1.04							
		#559594 foliated medium-grained intrusive, mainly quartz and biotite, with specs of fine- to medium-grained py	E559594	77.13	78.61	1.48		2-4%					
		#559596 more sericite and talc-rich, soft; medium-grey colour; no layering	E559596	78.61	79.89	1.28	73	tr-1%					
		#559597 talc-rich 'friable' section, but not very broken up and crumbly; medium-grey; no layering	E559597	79.89	81.63	1.74		1-5%		tr-5%			
		80.17 3cm quartz vein											
		80.31 3cm quartz vein											
		#559598 tr - 2% py, fine-grained competent rock, medium-grey with sparse mm-scale biotite-rich layers	E559598	81.63	83.28	1.65		tr-2%					
		82.88 - 83.28 medium-grained biotite-rich section with 5-10% py as mm-scale layers in foliation with 2-5% sph						5-10%		2-5%			
		#559599 very hard siliceous(?) section; tr-2% py in foliation	E559599	83.28	84.71	1.43		tr-2%					
		84.31 - 84.47 pyrite veinlets, up to 1cm wide, cross-cut the foliation, rimmed by amphibole; pyrite up to 15%, cpy up to 5%						<15%				5%	
		#559600 fine-grained 1-5% py and 1% po throughout; includes occassional mm-scale burgundy layers (more biotite or phlogopite?)	E559600	84.71	85.85	1.14	67	1-5%	1%				
		85.55 - 85.85 semi-massive to massive medium- to coarse-grained sulphides with medium-grained biotite, muscovite and amphibole (foliated)						10-20%	10-30%				
		#559601 trace fine-grained py and po in foliation; last 10 cm of sample has a 2cm band with 40% po and 10-20% py (contact of schist with the calc-silicate)	E559601	85.85	86.73	0.88		tr	tr				
86.64	**91.10**	**schistose to gneissose biotite quartzofeldspathic rock**						tr-1%					
		cm-scale compositional layering, fine-grained											
91.10	**97.80**	**schistose to gneissose biotite quartzofeldspathic rock**											

METALCORP

Drillhole No: HEGZ10-09 | **Azimuth: 180** | **Easting: 5388006**
Project: Gouda Lake | **Dip: -90** | **Northing: 593699**
Date Collared: 20-OCT-10 | **Length: 109.73m** | **Logged By: Peterson & Flasha**
Date Complete: 20-OCT-10 | **Elevation: 374m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized to top few meters of unit mainly as scattered 1-3mm blebs and scattered stringers.											
		Foliation @ 88.35				75							
		Foliation @ 96.45				65							
		Foliation @ 97.60				65							
97.80	**109.73**	**Biotite Ampbibolite**											
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, typically 1 every 3-5mm (where developed). Locally layers are ptygmatically folded. Localized sections of discontinuous layers. Approximately 85% 1mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite occurs as scattered 1mm blebs.											
		98.00-98.33- Intermediate Intrusion- grey in colour, typically medium grained, all grains subhedral 1-2mm, well developed foliation. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Weakly developed compositional layering.											
		100.58-100.85- As per rock in interval 98.00-98.33											
		103.05-103.24- Intermediate Intrusion- coarse hornblende grains at margins, typically silica flooded (microcrystalline replacement) and potassium enriched giving the rock a massive texture typically orange to salmon pink colour.											
		105.17-105.28- As per rock in interval 98.00-98.33											
		105.85-105.99- As per rock in interval 98.00-98.33											
		106.04-106.38- As per rock in interval 98.00-98.33											
	109.73	**EOH**											

METALCORP

Drillhole No: HEGZ10-10 | **Azimuth: 180** | **Easting: 5387982**
Project: Gouda Lake | **Dip: -45** | **Northing: 593590**
Date Collared: 21-OCT-10 | **Length: 106.68m** | **Logged By: Peterson**
Date Complete: 21-OCT-10 | **Elevation: 363m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	38.32	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated, amphibolite of intermediate composition. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-											
		6.59-6.61- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		8.59-8.62- Quartz vein, as per 6.59-6.61											
		8.66-8.68- Quartz vein, as per 6.59- 6.61											
		9.59-9.62- Quartz vein, as per 6.59- 6.61											
		9.70-9.80- Quartz vein- discontinuous with trace 1-3mm blebs pyrite.											
		12.57- 12.64- Quartz vein, as per 6.59- 6.61											
		13.24-13.34- Quartz vein, pinkish hue with trace fine pyrite.											
		Foliation @ 15.30					70						
		Foliation @ 18.30					60						
		18.68-18.69- Quartz vein, as per 6.59- 6.61											
		18.69-18.70 - Quartz vein, pinkish hue, pyrite blebs rimming upper contact ~1-3mm.											
		Foliation @ 19.70					60						
		Foliation @ 21.30					65						
		21.55-23.65- Poorly developed compositional layering that is silica flooded (microcrystalline replacement)-very hard, bleached and now aphanitic. Some layers are potasically enriched giving these layers an orange/salmon hue.											

METALCORP

Drillhole No: HEGZ10-10 | **Azimuth: 180** | **Easting: 5387982**
Project: Gouda Lake | **Dip: -45** | **Northing: 593590**
Date Collared: 21-OCT-10 | **Length: 106.68m** | **Logged By: Peterson**
Date Complete: 21-OCT-10 | **Elevation: 363m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		26.90-27.20- Section of strong potassic enrichment of felsic minerals giving the rock an orange colour. Mafic minerals aphanitic, plagioclase minerals 3mm sub to anhedral. 65 degrees to core axis.											
		30.64-31.03- Intermediate intrusion- grey colour, fine grained to very fine grained, poorly developed foliation, mainly composed of plagioclase followed by amphibole and quartz, all minerals 1mm or less sub to anhedral.											
		33.44-33.71- Intermediate intrusion as per rock in interval 30.64-31.03											
		36.84-36.90- Cluster of irregular shaped pyrite blebs, 3-5mm- ~20% in this short interval											
38.82	**55.16**	**sericitized bi muscovite/white mica schist “Gouda Horizon”**	E562516	38.32	39.50			3	tr	tr			
		Generally alternating brown & cream colour layers with several light green layers. Medium grained(1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, layers on the order of 1 every 3-20mm. Localized sections of silica flooded rock that displays poor to no compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Localized section of friable schist with talc on fracture surfaces (soapy feel), easily fractures on foliation planes. Pyrite varies from 1-3% with localized "sulphide zone" () where pyrite ~35% as coarse cubes 0.5-1.5cm, 34-40% pyrrhotite and ~10% sphalerite.											
		38.52-39.56- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement). 5.5+ Mohs.	E562517	39.50	41.00								
		38.52-39.56- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement). 5.5+ Mohs.	E562518	41.00	42.50								
		40.35-47.88- Quartz Vein, pinkish hue, barren.	E562519	BLANK									
		48.20-48.70-Section of friable schist, easily fractures along foliation planes, soapy feeling fracture surfaces. Short few cm section of "gouge-like" material (similar in consistency but not from shearing).	E562520	42.50	44.00								
		51.60-52.90-Pyrite and pyrrhotite increases to 5-10% as fine disseminated and fine strings along foliation planes.	E562521	44.00	45.50								
		52.90-54.10- Sulphide Zone- ~35% coarse pyrite cubes with 30-40% irregular pyrrhotite masses. Sphalerite as scattered 1-3mm blebs ~10%.	E562522	45.50	47.00								
55.16	**65.59**	**schistose to gneissose biotite quartzofeldspathic rock**	E562523	47.00	48.50								

METALCORP

Drillhole No: HEGZ10-10 | **Azimuth: 180** | **Easting: 5387982**
Project: Gouda Lake | **Dip: -45** | **Northing: 593590**
Date Collared: 21-OCT-10 | **Length: 106.68m** | **Logged By: Peterson**
Date Complete: 21-OCT-10 | **Elevation: 363m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% & 15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations, and locally as scattered 1-3mm blebs and scattered stringers.											
		Foliation @ 63.20	E562524	48.50	50.00		88						
		63.39-63.49- Quartz Vein, pinkish hue, barren.	E562525	50.00	51.50								
		Foliation @ 65.40	E562526	51.50	52.90		88						
65.59	**88.14**	**Biotite Amphibolite**											
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Locally layers are ptygmatically folded. Localized sections of discontinuous layers. Approximately 85% 1mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1mm blebs.											
		66.75-66.77-Quartz Vein, pinkish hue, barren.											
		67.64-68.10- Feldspar Porphyry- Grey, fine to medium grained. Plagioclase crystals sub to anhedral, 1-5mm, hornblende crystals subhedral, 1mm, quartz crystals 1mm anhedral. Well developed foliation on the order of 1 every mm. Poorly developed compositional layering to absent layering.											
		69.28-69.42- Feldspar Porphyry- Grey, fine to medium grained. Plagioclase crystals sub to anhedral, 1-2mm, hornblende crystals subhedral, 1-2mm, quartz crystals 1mm anhedral. Poorly developed foliation.											

Drillhole No: HEGZ10-10	**Azimuth: 180**	**Easting: 5387982**
Project: Gouda Lake	**Dip: -45**	**Northing: 593590**
Date Collared: 21-OCT-10	**Length: 106.68m**	**Logged By: Peterson**
Date Complete: 21-OCT-10	**Elevation: 363m**	**Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		73.15-88.18 - Section of several intermediate intrusions varying from 2 cm to 35cm generally perpendicular to core axis. Generally, medium grained Feldspar porphyry, grey, well developed foliation with foliation on the order of 1 every mm, poorly developed compositional layering to absent. Plagioclase crystals 3mm, subhedral, quartz crystals 1mm, subhedral, hornblende crystals 1-2mm and subhedral.											
		76.25-79.15 - Granitic Feldspar Porphyry- Medium grained, plagioclase crystals 2-4mm, sub to anhedral, hornblende 1-3mm long subhedral, potassium feldspar 1-2mm, subhedral with fine grained quartz. Poorly developed foliation generally perpendicular to core axis.											
88.14	**106.68**	**Pukaskwa Batholith - foliated granite**											
		Graniodiorite to Granite gneiss, medium grained (2-4mm), generally uniform grain size. Hornblende crystals subhedral aligned generally perpendicular to core axis. Plagioclase and quartz crystals subhedral to anhedral. Well developed foliation, foliation planes on the order of 1 every mm. Poorly developed compositional layering. Trace scattered pyrite blebs 1mm.											
	106.68	**EOH**											

METALCORP

Drillhole No: HEGZ10-11 | **Azimuth: 180** | **Easting: 5387982**
Project: Gouda Lake | **Dip: -90** | **Northing: 593950**
Date Collared: 21-OCT-10 | **Length: 88.39m** | **Logged By: Peterson/Flasha**
Date Complete: 22-OCT-10 | **Elevation: 363m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	41.07	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (25% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations, and locally as scattered 1-3mm blebs and scattered stringers.											
		6.79-6.85- Quartz Vein, pinkish hue, generally perpendicular to core axis, barren.											
		7.90-7.92- Quartz Vein, pinkish hue, trace pyrite.											
		9.06-9.09- Quartz Vein, pinkish hue, trace pyrite.											
		10.32-10.35- Quartz Vein, pinkish hue, generally perpendicular to core axis, barren.											
		10.41-10.49- Quartz Vein, pinkish hue, generally perpendicular to core axis, barren.											
		11.00-11.25- Series of 5 quartz veins, typically 65 degrees to core axis, varying from .8cm-3cm, trace pyrite.											
		Foliation @ 12.25					65						
		Foliation @ 12.26					70						
		16.12-16.21- Quartz Vein, pinkish hue, generally perpendicular to core axis, barren.											
		22.30-22.94- Pegmatite Dyke- mainly composed of 1-2cm subhedral plagioclase with lesser amounts of .5-1cm potassium feldspar and ~10% biotite and muscovite phenocrysts.											

METALCORP

Drillhole No: HEGZ10-11 | **Azimuth: 180** | **Easting: 5387982**
Project: Gouda Lake | **Dip: -90** | **Northing: 593950**
Date Collared: 21-OCT-10 | **Length: 88.39m** | **Logged By: Peterson/Flasha**
Date Complete: 22-OCT-10 | **Elevation: 363m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		23.30-23.82- Pegmatite Dyke-mainly composed of 2-3cm plagioclase and potassium feldspar phenocrysts and lesser amounts of .5-1cm quartz phenocrysts.											
		Foliation @ 24.38					68						
		27.39-27.61- Poorly developed compositional layering that is silica flooded (microcrystalline replacement)-very hard, bleached and aphanitic. Some layers are potasically enriched giving these layers an orange/salmon hue.											
		Foliation @ 27.43					60						
		31.72-31.92- Intermediate intrusion- grey colour, fine grained to very fine grained, poorly developed foliation, mainly composed of plagioclase followed by amphibole and quartz, all minerals 1mm or less sub to anhedral.											
		34.91 - 41.07 more pyritic, 1-5% fine-grained pyrite within foliation						1-5%					
			E559602	38.03	39.47	1.44							
		39.47 - 41.07 rare cm-scale garnet porphyroblasts	E559603	39.47	41.07	1.60							
		40.66 - 40.88 foliated med-grained granitic dyke or sill											
41.07	**57.63**	**sericitized biotite muscovite/white mica schist "Gouda Horizon"**											
		well-foliated, fine to very fine-grained (sericitic) schistose rock, composed predominantly of muscovite and biotite and phlogopite(?) with fine-grained quartz, local medium- to fine-grained lens-shaped quartz eyes and zones locally rich in talc; mm- to cm-scale compositional layering is present although not present throughout the unit; rare to tr pyrite; light- to medium-grey colouration is typical											
		#559604 homogenous light-grey muscovite and white mica-rich rock with only rare fine-py and local talc	E559604	41.07	42.19	1.12	58	rare to tr					
		#559605 medium grey with more fine-grained quartz, very weak compositional layering	E559605	42.19	43.62	1.43		tr-1%					
		#559606 smoky quartz vein for first 8cm; tr-2% py; pyrite associated with four biotite-rich layers (up to 2cm); overall medium-grey colour	E559606	43.62	44.79	1.17		tr-2%					
		#559607 cm-scale compositional layers, muscovite to biotite	E559607	44.79	45.72	0.93		1%					
		#559588 same as above, but includes tr medium-grained lens-shaped quartz eyes	E559588	45.72	46.93	1.21		1%					
		#559589 same as above	E559589	46.93	48.25	1.32		1%					

METALCORP

Drillhole No: HEGZ10-11 | **Azimuth: 180** | **Easting: 5387982**
Project: Gouda Lake | **Dip: -90** | **Northing: 593950**
Date Collared: 21-OCT-10 | **Length: 88.39m** | **Logged By: Peterson/Flasha**
Date Complete: 22-OCT-10 | **Elevation: 363m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		#559590 medium- to dark grey colouration, with an increase in biotite abundance; only tr py	E559590	48.25	49.39	1.14	68	tr					
		48.59 - 48.76 fine-grained biotite-rich intrusive											
		49.02 - 49.18 fine-grained biotite-rich intrusive											
		#559591 medium-grained muscovite and biotite, well-foliated, but no layering	E559591	49.39	50.94	1.55		1-4%					
		#559609 weak mm-scale compositional layering; talc present; overall dark green hue to rock; includes 2cm smoky quartz vein along foliation at 51.87m	E559609	50.94	52.45	1.51	71	tr-1%					
		#559610 soft, friable, talc and sericite-rich section; medium- to dark grey in overall colour; well-foliated, homogeneous	E559610	52.45	54.01	1.56	74	tr					
		52.98 - 53.16 very soft and crumbly talc-rich zone											
		#559611 homogeneous medium-grey zone with minor talc; includes smoky quartz vein woven with mm-scale seams of biotite and pyrite (up to 5%) between 54.04 - 54.11m	E559611	54.01	55.93	1.92		5%					
		54.48 - 54.56 20% fine-to medium-grained pyrite						20%					
		#559612 biotite-rich section with fine-grained 2-10% pyrite	E559612	55.93	56.71	0.78		2-10%					
		#559613 medium-grained, silica-rich, well foliated, with mm-scale biotite layers; sampled into the calc-silicate as the top 16cm of the unit has 20% py and 1% po with fine- to medium-grained biotite layers	E559613	56.71	57.79	1.08	79	2-20%	1%				
		57.13 - 57.32 pegmatite? Coarse grained smoky, white and rose coloured quartz crystals with coarse-grained feldspars?											
57.63	**61.61**	**Calc-silicate**											
							75						
61.61	**67.00**	**schistose to gneissose biotite quartzofeldspathic rock**											

METALCORP

Drillhole No: HEGZ10-11 | **Azimuth: 180** | **Easting: 5387982**
Project: Gouda Lake | **Dip: -90** | **Northing: 593950**
Date Collared: 21-OCT-10 | **Length: 88.39m** | **Logged By: Peterson/Flasha**
Date Complete: 22-OCT-10 | **Elevation: 363m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (10% &10% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, biotite may also be present in some of the more mafic-rich compositional layers. Trace to 1% pyrite occurs in localized sections mainly as fine disseminations, and locally as scattered stringers.											
		65.90-65.79- Pegmatite Dyke- mainly composed of .5-1cm plagioclase and quartz phenocrysts with trace 1-2mm blebs of pyrite.											
		63.39-63.49- Quartz Vein, pinkish hue, barren.											
		Foliation @ 65.40											
67.00	**88.39**	**Biotite Amphibolite**											
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Locally layers are stigmatically folded. Localized sections of discontinuous layers. Approximately 75% 1mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1mm blebs. Locally hematite stained fractures and quartz veins.											
		70.50-70.71- Intermediate intrusion- grey to light grey, aphanitic (silica flooded-microcrystalline replacement), margins are hematite stained, trace pyrite blebs.											
		74.00-88.39 - Section of several intermediate intrusions (~50) varying from 1cm to 35cm generally perpendicular to core axis. Generally, medium grained feldspar porphyry, grey, well developed foliation with foliation on the order of 1 every mm, poorly developed compositional layering to absent. Plagioclase crystals 3mm, subhedral, quartz crystals 1mm, subhedral, hornblende crystals 1-2mm and subhedral.											

METALCORP

Drillhole No: HEGZ10-11 | **Azimuth: 180** | **Easting: 5387982**
Project: Gouda Lake | **Dip: -90** | **Northing: 593950**
Date Collared: 21-OCT-10 | **Length: 88.39m** | **Logged By: Peterson/Flasha**
Date Complete: 22-OCT-10 | **Elevation: 363m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		78.48-78.55-Pegmatite dyke- mainly composed of .5-1cm plagioclase and quartz phenocrysts.											
		78.59-82.05- Feldspar porphyry- mainly composed of 1-3mm potassium feldspar and plagioclase with lesser amounts of 1-2mm quartz and 1mm amphibole. Trace scattered epidote blebs and fine stringers. Weakly foliated typically perpendicular to core axis, 1 every 2mm.											
		78.46-78.51- Pegmatite dyke- ~70% subhedral .5-2cm plagioclase phenocrysts and lesser amount of .5-1cm quartz with pervasive hematite staining on all crystals.											
		83.44-83.53- As per interval 78.46-78.51											
		84.19-84.24- As per interval 78.46-78.51											
		84.32-84.49- As per interval 78.46-78.51											
		84.61-84.80- As per interval 78.46-78.51 with 3 molybdenite blebs 3-8mm in size.											
		85.34-85.38- As per interval 78.46-78.51											
		87.46-88.39- Granite gneiss intrusion- medium grained (2-4mm), generally uniform grain size. Hornblende crystals subhedral aligned generally perpendicular to core axis. Plagioclase and quartz crystals subhedral to anhedral. Well developed foliation, foliation planes on the order of 1 every mm. Poorly developed compositional layering. Trace scattered pyrite blebs 1mm.											
	88.39	**EOH**											

Drillhole No: HEGZ10-12 | **Azimuth: 180** | **Easting: 5387984**
Project: Gouda Lake | **Dip: -45** | **Northing: 593843**
Date Collared: 22-OCT-10 | **Length: 91.44m** | **Logged By: Peterson**
Date Complete: 23-OCT-10 | **Elevation: 366m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	3.30	**Biotite-Muscovite Schist**											
		Generally alternating brown & cream colour layers with several light green layers. Medium grained (1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, layers on the order of 1 every 3-20mm. Short interval of silica flooded rock that displays poor to no compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Localized section of friable schist with talc on fracture surfaces (soapy feel), easily fractures on foliation planes. Trace scattered pyrite cubes 1mm.											
3.30	42.62	**schistose to gneissose biotite quartzofeldspathic rock**											
		Intermediate composition- fine grained to medium grained, variably coloured (from grey to green/brown) to localized sections grey/dark green). Well developed foliation, poorly developed compositional layering generally perpendicular to core axis (60-70 degrees). Largely composed of amphibole (40-60%) with lesser amounts of plagioclase and quartz. Amphiboles 1-2mm subhedral, plagioclase sub to anhedral 1-2mm and quartz crystals anhedral 1-2mm. Foliation planes on the order of 1 every mm. Compositional layering (where present) on the order of 1 every 3-8mm. Localized sections of chlorite and biotite alteration giving the rock green and brown layering. Localized sections of potassic enrichment giving the felsic layers an orange/salmon hue. Epidote coats many of the fracture surfaces of these potassic enrichment sections. Trace to 1% sphene present throughout as fine disseminated "peppering the surface". Several quartz veins throughout unit varying in width from 1-6cm generally with a pinkish hue and barren (with a few exceptions - to be described). Pyrite trace to 1% varying from fine disseminated to localized concentrations of .5 to 1cm blebs and scattered fine strings											
		5.10-5.13- Quartz Vein, pinkish hue perpendicular to core axis, barren.											
		7.27-7.38- Quartz Vein, pinkish hue perpendicular to core axis, barren.											
		8.46-8.50- Quartz Vein, pinkish hue perpendicular to core axis, barren.											
		Foliation @ 9.00					77						
		Foliation @ 12.19					88						

METALCORP

Drillhole No: HEGZ10-12 | **Azimuth: 180** | **Easting: 5387984**
Project: Gouda Lake | **Dip: -45** | **Northing: 593843**
Date Collared: 22-OCT-10 | **Length: 91.44m** | **Logged By: Peterson**
Date Complete: 23-OCT-10 | **Elevation: 366m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		12.90.12.95- Quartz Vein, pinkish hue perpendicular to core axis, barren.											
		15.46-15.47- Quartz Vein, pinkish hue perpendicular to core axis, barren.											
		Foliation @ 18.29					70						
		Foliation @ 24.34					75						
		Foliation @ 26.17					80						
		26.55-27.70- 5-10% Pyrite and trace pyrrhotite as 1-2mm strings along foliation planes.	E562542	26.55	27.10								
		29.26-29.30- Quartz Vein, pinkish hue perpendicular to core axis, barren.											
		Foliation @ 30.48					70						
		34.57-34.87- Intermediate intrusion- fine grained to aphanitic, plagioclase (where visible) ~1mm, hornblende (where visible) 1-2mm, generally silica flooded (microcrystalline replacement).											
42.62	**58.90**	**sericitized biotite muscovite/white mica schist "Gouda Horizon"**	E562529	42.62	44.00								
		Generally alternating brown & cream colour layers with several light green layers. Medium grained(1-4mm), well developed foliation generally 75 degrees to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, layers on the order of 1 every 3-10mm. Localized sections of silica flooded rock that displays poor to no compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Localized section of friable schist with talc on fracture surfaces (soapy feel), easily fractures on foliation planes. Pyrite varies from 1-3% with localized "sulphide zone" (tbd) where pyrite ~20-30% as fine 1-2mm cubes, ~5% pyrrhotite and ~1-3% sphalerite.											
		44.23-44.35- Quartz Vein, pinkish hue, a few 1-3mm pyrite blebs.	E562530	44.00	45.50								
		44.37-44.39- Quartz Vein, pinkish hue, barren.	E562531	BLANK									
		Foliation at 45.72	E562532	45.50	47.00		80						
		50.90-51.82-Section of friable schist, easily fractures along foliation planes, soapy feeling fracture surfaces. Short few cm section of "gouge-like" material (similar in consistency but not from shearing). Trace molybdenite on a fracture surface, ~3% pyrite as fine disseminated 1mm cubes, trace fine sphalerite.	E562533	47.00	48.50								

Drillhole No: HEGZ10-12	**Azimuth: 180**	**Easting: 5387984**	
Project: Gouda Lake	**Dip: -45**	**Northing: 593843**	
Date Collared: 22-OCT-10	**Length: 91.44m**	**Logged By: Peterson**	
Date Complete: 23-OCT-10	**Elevation: 366m**	**Drill Co: Full Force**	

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		52.64-58.90- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement). 7+ Mohs (used streak plate). Pyrite 1-5% with trace to 1% localized pyrrhotite and sphalerite.	E562534	48.50	50.00								
		40.35-47.88- Quartz Vein, pinkish hue, barren.	E562535	50.00	51.50								
		55.23-55.35- Short interval of increased sulphides. 30% pyrrhotite, 15-20% pyrite and trace-1% sphalerite.	E562536	51.50	53.00								
		57.18-58.32- Sulphide zone- pyrite 20-30% as disseminated 1-2mm cubes with trace pyrrhotite and 1-2% sphalerite.	E562537	53.00	54.50								
		58.85-58.88- Short "vein" of 25-35% sphalerite, 30-35% pyrite and 10-15% pyrrhotite.	E562538	54.50	56.00								
58.9	**69.43**	**schistose to gneissose biotite quartzofeldspathic rock**	E562539	56.00	57.18								
		Intermediate composition- colour varies from dark green and brown to grey. Fine grained to medium grained. Mainly consists of amphibole (~50%) with lesser amounts of plagioclase and quartz (~30 and 20% respectively). All crystals subhedral to anhedral in general. Well developed foliation, foliation planes on the order of 1 every mm generally perpendicular to core axis. Poorly developed compositional layering on the order of 1 every 3 to 8mm. Localized sections of chlorite and biotite layering. Overall, pyrite trace to 1 % as sections of fine disseminated, scattered 1-3mm blebs and scattered fine strings along foliation planes. Minor amount of sphene as fine disseminated "peppered on the surface".											
		62.80-64.30- Section of ~5% pyrite and trace pyrrhotite, generally fine disseminated with some short intervals of coarse .5-1cm cubes, also as fine strings along foliation planes.	E562540	57.18	58.32								
			E562541	58.32	58.90								
			E562543	62.80	64.30								
69.43	**91.44**	**Biotite Amphibolite**											
		Mafic composition- typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Locally layers are ptygmatically folded. Localized sections of discontinuous layers. Approximately 70% 1mm sub to euhedral hornblende crystals, 15% biotite layers (locally up to 50+%) with lesser amounts of plagioclase,. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1mm blebs, and trace molybdenite (a single ~5mm bleb).											

METALCORP	Drillhole No: HEGZ10-12	Azimuth: 180	Easting: 5387984
	Project: Gouda Lake	Dip: -45	Northing: 593843
	Date Collared: 22-OCT-10	Length: 91.44m	Logged By: Peterson
	Date Complete: 23-OCT-10	Elevation: 366m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		71.85- Molybdenite bleb ~5mm in an irregular discontinuous quartz vein.											
		71.88-72.07- Intermediate intrusion- fine grained and grey to light grey. All crystals are of a uniform grain size and subhedral. Poorly developed foliation generally perpendicular to core axis.											
		73.97-74.03- Potassium enriched intermediate intrusion- fine to medium grained, generally salmon coloured, hornblende crystals 1-3mm subhedral, felsic minerals very fine to aphanitic, poorly developed foliation generally perpendicular to core axis.											
		74.58-75.32- Intermediate intrusion- generally grey colour with localized salmon hue, fine grained, hornblende crystals 1-3mm long subhedral to euhedral, plagioclase and quartz crystals 1mm and subhedral, sinuous potassic enrichment running generally parallel to core axis.											
		77.45-77.61- Feldspar porphyry- grey to dark grey, plagioclase crystals ~3mm and subhedral to anhedral, quartz 1-2mm anhedral, hornblende 1mm sub to euhedral. 77.54-77.60- Pegmatite Dyke- .5-1cm subhedral plagioclase, ~1cm subhedral quartz crystals and 5-8mm long hornblende crystals, trace 1mm blebs pyrite in pegmatite.											
		79.66-79.83- As per interval 77.44-77.61 (without the pegmatite and 80% potassic enrichment).											
		82.80-87.13- As per 77.44-77.61 with pegmatite dykes (as described in same above interval). 83.05-83.51- Pegmatite dyke. 83.69-83.81- Pegmatite dyke.											
		87.13-91.44- Section of several intermediate intrusions (~38) varying from 2 cm to 30cm generally perpendicular to core axis. Generally, medium grained Feldspar porphyry, grey, well developed foliation with foliation on the order of 1 every mm, poorly developed compositional layering to absent. Plagioclase crystals 3mm, subhedral, quartz crystals 1mm, subhedral, hornblende crystals 1-2mm and subhedral.											
	91.44	**EOH**											

METALCORP

Drillhole No: HEGZ10-13 | **Azimuth: 180** | **Easting: 593843**
Project: Gouda Lake | **Dip: -90** | **Northing: 5387984**
Date Collared: 23-OCT-10 | **Length: 76.20m** | **Logged By: S. Flasha**
Date Complete: 23-OCT-10 | **Elevation: 366m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	**2.87**	**overburden/casing**											
2.87	**3.27**	**sericitized biotite muscovite/white mica schist**											
		medium-grey, very fine-grained muscovite, sericite and fine-grained quartz with mm-scale layers of biotite											
3.27	**43.05**	**schistose to gneissose biotite quartzofeldspathic rock**											
		biotite (~10%), plagioclase and quartz (~40%), amphibole (~50%); fine-grained, well foliated; mm-scale discontinuous compositional layering (alternating more amph+bi- vs. quartz+plag-rich); pyrite is disseminated and foliated, found along foliation planes; tr-2% disseminated beige-coloured sphene typically observed throughout the unit											
		3.38 - 3.45 7cm white quartz vein; 5% py with amphibole along both contact edges											
		4.29 - 4.50 white quartz vein with medium-grained blebs of pyrite, interrupted by a 3cm layer of biotite and amphibole						1%					
		5.45 2cm of jasper and 5cm of smoky coarse-grained quartz; minor jasper present above this section *PHOTO*					77						spec Mo
		8.88 - 9.21 white quartz vein with irregular seams of amphibole, epidote and trace pyrite						tr					
		9.65 - 10.10 very well-foliated granitic dyke or sill					75						
		22.58 6cm smoky quartz vein with epidote rim											
		22.88 30cm smoky-white quartz vein with discontinuous seams of amphibole											
		23.44 fold nose											
		24.30 only rare py											
		24.80m foliation measurement					72						
		27.01 - 27.18 smoky pink quartz vein (6cm true width) followed by a discordant zone of pink quartz and coarse grained feldspar, amphibole, biotite and epidote; tr py						tr					
		28.09 6cm smoky quartz vein; 10cm surrounding either side of this vein has an increase in py abundance, associated with mm-scale biotite layers						2%					
		33.11 - 33.87 epidote alteration; bright green colour in felsic minerals; with up to 5% py						5%					
		33.87 - 34.40 fine-grained chloritic micas with less quartz and feldspar (<40%); 5-10% pyrite						5-10%					
		35.88 - 36.08 same as above						5-10%					
		36.52 2cm qhite quartz vein											

METALCORP

Drillhole No: HEGZ10-13
Project: Gouda Lake
Date Collared: 23-OCT-10
Date Complete: 23-OCT-10

Azimuth: 180
Dip: -90
Length: 76.20m
Elevation: 366m

Easting: 593843
Northing: 5387984
Logged By: S. Flasha
Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		36.74- 41.50 no layering; see an increase in biotite and pyrite (1-10% py) *Photo*					69	1-10%					
		40.03 increase in local epidote and chlorite alteration											
		41.50 - 41.76 5% py in foliation and as mm-scale layers											
		42.47 - 42.57 white quartz vein; no mineralization					65						
		** note: no garnets observed as typically seen pre- Gouda Horizon											
43.05	**61.39**	**sericitized biotite muscovite/white mica schist “Gouda Horizon”**											
		well-foliated, fine to very fine-grained (sericitic) schistose rock, composed predominantly of muscovite and biotite and phlogopite(?) with fine-grained quartz, local medium- to fine-grained lens-shaped quartz eyes and zones locally rich in talc; mm- to cm-scale compositional layering is present although not present throughout the unit; rare to tr pyrite											
		#559614 top 40cm is very fine-grained and siliceous, almost cherty; the end of the sample is medium-grained with mm-scale layers of biotite and muscovite	E559614	43.05	44.57	1.52		tr-1%					
		44.25 - 44.57 poorly foliated medium-grained equigranular granitic dyke or sill; fairly 'bleached' and hard to see texture											
		#559615 light grey more homogeneous zone with very fine-grained muscovite (sericitic?); tr py; last 15cm has poor mm-scale compositional layering with biotite	E559615	44.57	45.6	1.03							
		#559617 mm-scale compositional layering of biotite andmuscovite; fine to mdium-grained py cubes; trace medium-grained lens shaped quartz eyes; micro-fold present along foliation; three 1cm smoky quartz veins	E559617	45.6	47.08	1.48	66	1%					
		#559618 light to medium-grey rock (muscovite-rich) with minor mm-scale biotite layers; micro folds along foliation	E559618	47.08	48.82	1.74		tr - 1%					
		47.44 - 47.51 smoky quartz vein along foliation											
		48.57 - 48.62 same as above											
		#559619 rare 1-4mm garnet porphyroblasts within top 75cm of sample in more biotite-rich section (dark grey); medium grained	E559619	48.82	50.21	1.39	64	tr					
		#558620 epidote altered zone; appears as though py cubes replaced by epidote; only tr py; overall forest green colour to these well foliated, poorly compositionally layered rocks (mm-scale); local medium-grained lens shaped quartz eyes	E559620	50.21	51.75	1.54	64	tr					
		#559621 medium- to dark grey, with poor mm-scale compositional layering; rare medium-to fine grained lens shaped quartz eyes	E559621	51.75	52.64	0.89		tr-1%					
		52.38 - 52.46 biotite-rich medium-grained intrusive with 5% py cubes; well foliated											

METALCORP

Drillhole No: HEGZ10-13
Project: Gouda Lake
Date Collared: 23-OCT-10
Date Complete: 23-OCT-10
Azimuth: 180
Dip: -90
Length: 76.20m
Elevation: 366m
Easting: 593843
Northing: 5387984
Logged By: S. Flasha
Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		#559622 medium-grey mica-rich rock with talc along fracture surfaces; no layering, well-foliated	E559622	52.64	53.94	1.3		tr					
		52.99 3cm smoky quartz vein											
		#559623 same as above but up to 2% py (fine-grained,along foliation)	E559623	53.94	55.3	1.36	63	2%					
		#559624 white massive talc-rich section, very soft and friable	E559624	55.3	56.81	1.51		tr-4%					
		#559625 light grey fine-grained well-foliated with fine-grained quartz; very competant section; 6 mm-scale quartz layers; mm-scale py layers throughout (1-10%)	E559625	56.81	58.2	1.39	70	1-10%					
		#559627 massive light grey, very fine-grained quartz rich; fine- to medium-grained py in foliation, 2-5%	E559627	58.2	59.46	1.26		2-5%					
		58.20 - 58.32 white quartz vein with med- to coarse-grained blebs of py and biotite											
		58.92 15cm zone of 30% py, 20% sph, mottled with white quartz and minor biotite						30%		20%			
		59.33 6cm zone of 30% py, 20% sph, mottled with white quartz and minor biotite with 3 specs of cpy and 1% gal						30%		20%		tr	1%
		#559628 medium-grained quartz-rich schist, fine-grained muscovite and minor biotite; 59.58-59.70 irregular white quartz with biotite (5%) and 2% py as blebs; 59.85 - 60.71 med- to coarse grained py (20-80%) in foliation; tr - 5% sph and up to 10% gal	E559628	59.46	60.71	1.25		2-80%		tr-5%	tr-10%		
		#559629 medium-grey poorly compositionaly layered (mm-scale); 61.33 - 61.42 is medium-grained 10-20% py	E559629	60.71	61.42	0.71	58	1-20%					
61.39	**72.77**	**schistose to gneissose biotite quartzofeldspathic rock**											
		biotite (~10%), plagioclase and quartz (~40%), amphibole (~50%); fine-grained, well foliated; mm- to cm-scale compositional layering (alternating more amph+bi- vs. quartzofeldspathic); pyrite is disseminated and foliated, found along foliation planes, and typically more abundant where there is an enrichment in biotite (up to 5% py)					69	1-5%					
72.77	**76.20**	**mesocratic to melanocratic biotite amphibolite (previously referred to as the 'Mafic Volcanics')**					64						
		fine- to very fine-grained well foliated 20% qtz and plag, 30% biotite and 50% amphibole (mainly hornblende); not compositionally layered; includes a few mm-scale epidote layers which contain up to 5% py; dark green colouring mottled with a dark coppery brown and black; 1% disseminated py throughout					70	1%					
76.20	**EOH**												

Drillhole No: HEGZ10-14 | **Azimuth: 180** | **Easting: 593593**
Project: Gouda Lake | **Dip: -45** | **Northing: 5387997**
Date Collared: 23-OCT-10 | **Length: 109.73m** | **Logged By: Peterson**
Date Complete: 25-OCT-10 | **Elevation: 377m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	3.45	**Overburden/Casing**											
3.45	65.36	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations, and locally as scattered 1-3mm blebs and scattered stringers.											
		8.55-15.10- Silica flooded section-aphanitic (microcrystalline replacement) and hard.											
		8.55-12.45- Biotite-sericite schist- generally alternating brown & cream colour layers medium grained(1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, 1 every 5-20mm. Trace pyrite occurs as a few scattered 1mm blebs.											
		9.14-9.25- Series of 3 5mm quartz veins with ~1% pyrite occurring as 1mm blebs.											
		9.50-9.53 - Quartz vein, pinkish hue, barren.											
		9.55-9.58 - Quartz vein, pinkish hue, barren.											
		10.60-10.62 - Quartz vein, pinkish hue, barren.											
		13.30-15.10- Section of potassic enrichment along stringers. Appears to "bleed" out into surrounding rock from stringers.											
		15.61-15.66- Quartz vein, pinkish hue, barren.											

METALCORP

Drillhole No: HEGZ10-14 | **Azimuth: 180** | **Easting: 593593**
Project: Gouda Lake | **Dip: -45** | **Northing: 5387997**
Date Collared: 23-OCT-10 | **Length: 109.73m** | **Logged By: Peterson**
Date Complete: 25-OCT-10 | **Elevation: 377m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		16.57-17.35- Section of very dark, poorly developed foliation, weakly developed layering to no layering with several epidote filled vugs - "pocked" appearance, 65% 1-3mm subhedral amphibole, ~10% anhedral quartz.											
		18.52-18.72- Feldspar porphyry- 1-2mm sub to anhedral plagioclase, up to 1mm sub to euhedral amphibole in a quartz groundmass. Well developed foliation on the order of 1 every mm and weak to absent compositional layering.											
		19.05-19.41- As per interval 18.52-18.72											
		28.49-28.74- Quartz vein, pinkish hue, barren.											
		29.90-29.92- Quartz vein, pinkish hue, trace 1mm pyrite blebs.											
		29.99-30.00- Quartz vein- discontinuous with trace 2mm pyrite cubes.											
		30.58-30.61- Quartz vein, pinkish hue, trace to 1% pyrite occurring as 1mm blebs.											
		35.99-36.03- Quartz vein, pinkish hue, trace to 1% pyrite occurring as 1mm blebs.											
		Foliation @ 36.58					75						
		36.58-37.15- Feldspar porphyry- grey to dark grey, medium grained, well developed foliation, 1 every mm, weakly developed compositional layering, sub to euhedral 1mm amphiboles, sub to anhedral <1mm to 3mm plagioclase in a quartz groundmass, trace fine disseminated pyrite.											
		38.15-38.17- Quartz vein, pinkish hue, trace to 1% pyrite occurring as 1mm blebs.											
		Foliation @ 40.35					75						
		44.62-44.72- Quartz vein, irregular and discontinuous, barren.											
		44.77-44.85- Quartz vein, pinkish hue, barren.											
		Foliation @ 45.55					88						
		45.65-45.73- Quartz vein, pinkish hue, barren.											
		45.77-45.83- Quartz vein, pinkish hue, barren.											
		46.16-48.18- Quartz vein, pinkish hue, barren.											
		47.01-47.59- Intermediate intrusion- very dark green to black, fine grained, well foliated typically perpendicular to core axis, ~5-10% very fine biotite, 5% elongate augen ~5mm present oriented along foliation planes. Plagioclase very fine grained to aphanitic, ~75% amphibole.											
		Foliation @ 48.70					85						

Drillhole No: HEGZ10-14 | **Azimuth: 180** | **Easting: 593593**
Project: Gouda Lake | **Dip: -45** | **Northing: 5387997**
Date Collared: 23-OCT-10 | **Length: 109.73m** | **Logged By: Peterson**
Date Complete: 25-OCT-10 | **Elevation: 377m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Foliation @ 51.85					88						
		54.60-54.64- Quartz vein, pinkish hue, trace to 1% pyrite occurring as 1mm blebs.											
		57.59-58.05- Silica flooded garnet muscovite schist- bleached, hard, medium grained to aphanitic. 10% <1mm-1mm Red garnets present in the less siliceous sections. Well developed mm scale foliation, weakly developed compositional layering, ~5% pyrite occurring as fine stringers along foliation planes.											
		Foliation @ 58.00					80						
		59.18-59.32- As per interval 57.59-58.05 except for 1-3% fine disseminated pyrite.											
		61.09-61.12- Quartz vein with a few epidote filled vugs, trace fine 1mm pyrite blebs.											
		64.06-64.33- As per 36.58-37.15											
65.36	**84.90**	**sericitized biotite muscovite/white mica schist "Gouda Horizon"**											
		Generally alternating brown & cream colour layers with several light green layers. Medium grained (1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, 1 every 3-20mm. Localized sections of silica flooded rock that displays weak to absent compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Localized section of friable schist with talc on fracture surfaces (soapy feel), easily fractures on foliation planes. Pyrite varies from 1-3% as typically fine disseminated and scattered fine stringers with exception of localized "sulphide zone" (tbd).	E562544	65.36	66.85	1.49							
		65.36-66.56- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement).6.5+ Mohs scale. Trace pyrite occurring as scattered 1mm stringers.	E562545	66.85	68.35	1.50							
		65.69-54.74- Quartz Vein, pinkish hue, barren.	E562547	68.35	69.85	1.50							
		Foliation @ 70.10	E562548	69.85	71.35	1.50	70						
		Foliation @ 73.30	E562549	71.35	72.85	1.50	88						
		67.10-67.15- Quartz Vein, pinkish hue, barren.	E562550	72.85	74.35	1.50							
		67.15-67.65- Section of ~3% 1-5mm garnets.	E562551	74.35	75.85	1.50							
		76.26-77.13- Quartz-biotite amphibolite- section of ~75% amphibole with ~10% quartz and biotite, poorly developed foliation, ~20% pyrite as disseminated 1-3mm blebs and cubes.	E562552	75.85	77.35	1.50							

METALCORP

Drillhole No: HEGZ10-14 | **Azimuth: 180** | **Easting: 593593**
Project: Gouda Lake | **Dip: -45** | **Northing: 5387997**
Date Collared: 23-OCT-10 | **Length: 109.73m** | **Logged By: Peterson**
Date Complete: 25-OCT-10 | **Elevation: 377m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		77.13-77.59- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement).6.5+ Mohs scale.	E562553	77.35	78.35	1.00							
		77.59-77.62- Quartz vein, white, 1% 1-2mm cubes of pyrite.	E562554	78.35	79.45	1.10							
		78.55-79.45-Section of friable schist, easily fractures along foliation planes, soapy feeling fracture surfaces. Short few cm section of "gouge-like" material (similar in consistency but not from shearing). ~10% fine disseminated pyrite cubes.	E562555	79.45	80.25	0.80							
		79.45-80.25- Sulphide zone- ~80% coarse pyrite .5-1.5cm cubes with ~5% irregular pyrrhotite masses, trace galena, 1-2% sphalerite, trace chalcopyrite (localized to a quartz vein).	E562556	80.25	82.00	1.75							
		80.25-81.30- Sulphides decrease but still significant- ~35% fine 1-2mm disseminated pyrite, ~5% pyrrhotite.	E562558	82.00	83.50	1.50							
		81.30-81.75- 65-75% Pyrite occurring as 1m-30mm blebs, trace chalcopyrite and sphalerite, majority of mineralization occurring in a quartz vein @ 81.34-81.59	E562559	83.50	84.90	1.40							
		82.77-83.20- 80% Coarse pyrite .5-1.5cm subhedral cubes with ~20% fine sphalerite.	E562560	84.90	86.45	1.55							
		83.20-83.85- 30-40% Fine disseminated pyrite with 10-15% fine sphalerite.											
84.90	**94.54**	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm) to aphanitic, mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Fairly pervasive silica flooding (microcrystalline replacement, very hard). Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Typically well developed compositional layering . Layering on a millimetre scale, typically 1 every 3-5mm.Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, biotite may also be present in some of the more mafic-rich compositional layers. Trace to 1% pyrite occurs in localized sections mainly as fine disseminations, and locally as scattered 1-3mm blebs and scattered stringers.											
		Foliation @ 91.70					60						
		63.39-63.49- Quartz Vein, pinkish hue, barren.											

METALCORP

Drillhole No: HEGZ10-14 | **Azimuth: 180** | **Easting: 593593**
Project: Gouda Lake | **Dip: -45** | **Northing: 5387997**
Date Collared: 23-OCT-10 | **Length: 109.73m** | **Logged By: Peterson**
Date Complete: 25-OCT-10 | **Elevation: 377m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Foliation @ 65.40											
94.54	**109.73**	**Biotite-Amphibolite**											
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Locally layers are ptygmatically folded. Localized sections of discontinuous layers. Approximately 70-75% 1mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1mm blebs.											
		99.87-100.01 - Feldspar porphyry- grey, fine to medium grained. Plagioclase crystals sub to anhedral, 1-5mm, hornblende crystals subhedral, 1mm, quartz crystals 1mm anhedral. Well developed foliation on the order of 1 every mm. Poorly developed compositional layering to absent layering.											
		102.63-102.96- Intermediate intrusion- grey to light grey, fine grained to aphanitic, subhedral 1-3mm amphiboles, <1mm sub to anhedral plagioclase in a quartz groundmass. Well developed foliation on a mm scale, weak to no compositional layering.											
		103.45-103.55- As per interval 99.87-100.01											
		104.00-104.30- As per interval 99.87-100.01											
		104.35-104.72- 75-85% Biotite altered, ~10% pyrite as fine blebs along foliation planes.											
		107.19-107.22- As per interval 99.87-100.01											
		107.41-108.40- Feldspar porphyry- 35-40% 3mm subhedral plagioclase, 25-35% 1-3 fine amphiboles, poorly developed foliation, trace pyrite occurring as 1mm cubes localized to a few 1cm vugs.											
		108.40-109.73 - Section of several intermediate intrusions (~20) varying from 2 cm to 20cm generally perpendicular to core axis. Generally, medium grained Feldspar porphyry, grey, well developed foliation with foliation on the order of 1 every mm, poorly developed compositional layering to absent. Plagioclase crystals 3mm, subhedral, quartz crystals 1mm, subhedral, hornblende crystals 1-2mm and subhedral.											
	109.73	**EOH**											

METALCORP

Drillhole No: HEGZ10-15 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -90** | **Northing: 5387998**
Date Collared: 25-OCT-10 | **Length: 94.49m** | **Logged By: S. Flasha**
Date Complete: 25-OCT-10 | **Elevation: 377m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	3.91	**Casing/Overburden**											
3.91	70.14	**schistose to gneissose biotite quartzofeldspathic rock**											
		biotite (~10%), feldspar and quartz (~40%), amphibole (~50%); fine-grained, well foliated; mm-scale discontinuous compositional layering (alternating more amph+bi- vs. quartz+plag-rich); pyrite is disseminated and foliated, found along foliation planes; tr-2% disseminated beige-coloured sphene typically observed throughout the unit											
		3.25 - 3.73 medium-grained quartz feldspar porphyry; poorly foliated, but contact along foliation plane					60						
		9.88 - 19.57 very fine-grained light to medium-grey quartz with fine-medium grained biotite in mm-scale layers; 1% py; microcrytsalline/cherty appearance (silicified?)						1%					
		11.60 9cm white quartz vein with discontinuous seams of amphibole											
		11.95 - 12.36 whote quartz vein with irregular (folded?) contact; discontinuous seams of amphibole and epidote; local jasper?; biotite and 5% py along the edges						5%					
		14.69 - 15.25 medium- to coarse-grained, poorly foliated, quartz feldspar porphyry; contact along foliation plane											
		15.25 - 15.90 very well foliated, fine- to medium-grained quartz feldspar porphyry					71						
		19.57 - 22.27 epidote and potassium feldspar alteration? Shades of pink and green observed through here **Photos** (bad glare)											
		19.58 - 19.61 white quartz vein											
		20.12 - 21.34 pocky medium-grained dyke; 40% amph, 20% biotite, 40% qtz+plag; pocks are rimmed with epidote, possible py replacement?					65	tr					
		21.46 - 21.73 pegmatite											
		24.16 - 24.48 fine- to medium grained, well foliated quartz feldspar porphyry					60						
		25.07 - 25.55 white quartz vein with discontinuous seams of biotite and amphibole and tr epidote; biotite and pyrite (2%) along edges; vein interrupted by two 2cm veins of amph + bi											
		25.55 - 27.53 light green colouration through here; chlorite alteration??					70						
		30.25 - 30.36 pegmatite					66						

METALCORP

Drillhole No: HEGZ10-15 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -90** | **Northing: 5387998**
Date Collared: 25-OCT-10 | **Length: 94.49m** | **Logged By: S. Flasha**
Date Complete: 25-OCT-10 | **Elevation: 377m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		31.21 - 32.20 pegmatite vein (quartz and pink feldspar with local episote) cutting in and out of core (approx. parallel to the CA); approximately 1.5cm wide; 1% py						1%					
		34.73 - 37.30 increase in amphibole and biotite abundance; overall darker green colour											
		36.74 - 36.80 coarse-grained, with open-space, quartz vein with very fine-grained tremolite(?); minor fine-grained epidote											
		37.30 10cm rose quartz vein											
		38.92 - 30.63 very well foliated fine- to medium-grained quartz feldspar porphyry with biotite					68						
		42.32 - 44.65 epidote stringers x-cut foliation plane, 47 deg to CA; 1% py; light pink and green hues to the felsic minerals											
		43.57 1cm white quartz vein with medium-grained pyrite (5%) and epidote edges						5%					
		48.92 - 60.36 mm- to cm-scale poor compositional layering					71						
		57.91 36cm of box is emtpy; assuming lost core?					78						
		60.36 schist; more disseminated py in the foliation planes (1-5%)						1-5%					
		60.74 - 61.10 bleached/silicified(?) zone; fine-grained white quartz with very fine-grained hlornblende needles and biotite					71						
		61.27 - 61.40 same as above but includes a 3cm smoky quartz vein											
		64.22 schist; more mafic (mainly amphibole), with very little compositional layering; up to 60% biotite locally						2-5%					
		64.36 2 specs of galena with 1% py within fold nose						1%			tr		
		68.54 - 68.74 poorly foliated quartz feldspar porphyry											
		69.01 - 69.11 same as above											
		#559630 biotite+amphibole-rich zone; enrichment of fine pyrite (2-10%); no layering	E559630	69.11	70.14	1.03		2-10%					
70.14	**89.78**	**sericitized biotite muscovite/white mica schist "Gouda Horizon"**											
		well-foliated, fine to very fine-grained (sericitic) schistose rock, composed predominantly of muscovite and biotite and phlogopite(?) with fine-grained quartz, local medium- to fine-grained lens-shaped quartz eyes and zones locally rich in talc; mm- to cm-scale compositional layering is present although not present throughout the unit; rare to tr pyrite											

METALCORP

Drillhole No: HEGZ10-15 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -90** | **Northing: 5387998**
Date Collared: 25-OCT-10 | **Length: 94.49m** | **Logged By: S. Flasha**
Date Complete: 25-OCT-10 | **Elevation: 377m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		#559631 very fine-grained, sericitic, light grey; three 1cm smoky quartz veins along foliation plane; py associated with biotite	E559631	70.14	71.44	1.30		tr-1%					
		#559632 mm- to cm-scale compositionally layered section; local 1mm-1cm garnet porphyroblasts, and medium-grained, lens-shaped quartz eyes	E559632	71.44	72.55	1.11		tr-1%					
		#559633 same as above, but no garnets observed	E559633	72.55	73.90	1.35		tr					
		#559635 same as above	E559635	73.90	75.28	1.38		tr					
		#559636 same as above but include biotite-rich section 75.28 - 75.53m; 76.28m and 76.69m have cm smoky quartz veins; last 30cm includes medium-grained py cubes	E559636	75.28	76.93	1.65		1%					
		#559637 same as 559633	E559637	76.93	78.50	1.57		tr-1%					
		#559638 same as above; 78.85m has 5cm zone of 5% py (more biotite); 79.40 - 80.03m 1% py	E559638	78.50	80.03	1.53		tr-5%					
		#559639 includes fine- to medium-grained dyke, biotite rich, well foliated, with minor quartz and feldspar; 1-4% py, 80.03 - 81.46m	E559639	80.03	81.46	1.43		tr-4%					
		#559640 same as above; 12 cm smoky purple quartz vein at 81.66m, running parallel to CA	E559640	81.46	82.16	0.70		1-2%					
		#559641 & 642 well foliated, medium-grey, talc-rich, muscovite-sericitic; includes medium-grained foliated plagioclase crystals; local micro-folds along foliation plane	E559641	82.16	83.34	1.18		1%					
			E559642	83.34	85.05	1.71							
		#559644 mineralized zone; 85.05-85.75m layers of fine- to medium-grained sulphides, 5-20% py and tr-10% sph; 85.75-86.02m massive sulphides; med- to coarse-grained py (60-80%) and 1% sph with quartz and muscovite	E559644	85.05	86.02	0.97		5-80%		tr-1%			
		#559645 mineralized zone; 86.02-86.26m light-medium grey schist, tr-1% py; 86.26-86.56m coarse-grained 60-75%py, 2-10% sph and tr-2% gal; 86.56-86.85m layered medium-grained sulphides, 15-20% py and 2-5% sph	E559645	86.02	86.85	0.83		15-60%		2-10%	tr-2%		
		#559646 mineralized zone; 86.95-87.05m irregular white quartz vein with blebs of py, with biotite and acicular hornblende; 87.15-87.84m coarse-grained massive pyrite 70-85%, sph 5-15% and gal 1-5%	E559646	86.85	87.84	0.99		70-85%		5-15%	1-5%		
		#559647 mineralized zone; 87.84-88.41m fine- to medium-grained py and sph in mm-scale layers; 10% py, 3% sph and tr gal; 88.41-88.50m massive coarse-grained sulphides, 60% cpy?, 10% py, 20% po, 5% sph+gal; section more sericitic and friable	E559647	87.84	88.69	0.85		10%	20%	3%	2%	60%	

METALCORP

Drillhole No: HEGZ10-15 | **Azimuth: 180** | **Easting: 593651**
Project: Gouda Lake | **Dip: -90** | **Northing: 5387998**
Date Collared: 25-OCT-10 | **Length: 94.49m** | **Logged By: S. Flasha**
Date Complete: 25-OCT-10 | **Elevation: 377m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		#559648 very fine-grained quartz rich (almost cherty), well foliated, competant section; silicified?; 88.84m 5cm white quartz vein with 5% cpy and po; 89.46-89.86m mm-scale fine-grained py layers, up to 10%; 89.86-90.06m 30% py with epidote stringers	E559648	88.69	90.06	1.37		<30%	5%			5%	
89.78	**94.49**	**schistose to gneissose biotite quartzofeldspathic rock**											
		biotite (~10%), feldspar and quartz (~40%), amphibole (~50%); fine-grained, well foliated; mm-scale discontinuous compositional layering (alternating more amph+bi- vs. quartz+plag-rich); pyrite is disseminated and foliated, found along foliation planes; tr-2% disseminated beige-coloured sphene typically observed throughout the unit											
94.49		**EOH**											

METALCORP

Drillhole No: HEGZ10-16 | **Azimuth: 180** | **Easting: 5387953**
Project: Gouda Lake | **Dip: -45** | **Northing: 593499**
Date Collared: 25-OCT-10 | **Length: 97.54m** | **Logged By: Peterson**
Date Complete: 26-OCT-10 | **Elevation: 386m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	9.14	**Lost Core Box - 1 lost staring at 9.14**											
9.14	66.10	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine											
		10.36-10.41- Quartz Vein, pinkish hue, generally perpendicular to core axis, barren.											
		10.55-10.86- Silica flooded and potassium enriched section of poorly developed to no compositional layering. Typically salmon pink hue with several pistachio green epidote stringers. Crystals very fine grained to aphanitic (microcrystalline replacement).											
		11.51-12.02- Feldspar porphyry- Grey, fine to medium grained. Plagioclase crystals sub to anhedral, 1-3mm, hornblende crystals subhedral, 2mm, quartz crystals 1mm anhedral. Well developed foliation on the order of 1 every mm. Poorly developed compositional layering to absent layering. Weakly potassium enriched producing a salmon pink hue.											
		12.17-12.18- Quartz vein, white, barren.											
		12.53-12.57- Quartz vein, pinkish hue, barren.											
		Foliation @ 12.55					80						
		13.65-13.82- Feldspar porphyry- Grey, fine to medium grained. Plagioclase crystals sub to anhedral, 1-3mm, hornblende crystals subhedral, 2mm, quartz crystals 1mm anhedral. Well developed foliation on the order of 1 every mm. Poorly developed compositional layering to absent layering.											
		14.07-14.11 Quartz vein, pinkish hue, pyrite along vein margins.											
		Foliation @ 15.24					80						
		15.88-15.91- Quartz vein, pinkish hue, pyrite along vein margins.											

Drillhole No: HEGZ10-16 | **Azimuth: 180** | **Easting: 5387953**
Project: Gouda Lake | **Dip: -45** | **Northing: 593499**
Date Collared: 25-OCT-10 | **Length: 97.54m** | **Logged By: Peterson**
Date Complete: 26-OCT-10 | **Elevation: 386m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		17.80-17.87- Feldspar porphyry- Grey, fine to medium grained. Plagioclase crystals sub to anhedral, <1-3mm, hornblende crystals subhedral, 2mm, quartz crystals 1mm anhedral. Well developed foliation on the order of 1 every mm. Poorly developed compositional layering to absent layering. Weakly potassium enriched producing a salmon pink hue.											
		18.50-18.91- Feldspar porphyry-Very dark grey, medium grained, ~75% amphibole. 1-3mm plagioclase crystals sub to anhedral, ,2mm hornblende crystals subhedral, 1mm quartz crystals anhedral. Well developed foliation on the order of 1 every mm. Poorly developed compositional layering to absent layering.											
		24.10-29.60- Missing core and has been rebuilt--unreliable data.											
		30.08-30.29- Feldspar porphyry- Grey to dark grey, fine to medium grained. Plagioclase crystals sub to anhedral, 1-3mm, hornblende crystals subhedral, quartz groundmass. Well developed foliation on the order of 1 every mm. Poorly developed compositional layering to absent layering.											
		32.63-33.06- As per 30.08-30.29											
		35.75-43.20- Section of cream coloured to brown aphanitic core-silica flooded (microcrystalline replacement). Layering well developed on the order of 1 every 3-5mm typically perpendicular to core axis.											
		40.34-40.38- Quartz vein, pinkish hue, barren.											
		45.22-45.26- Quartz vein, pinkish hue, trace fine pyrite.											
		45.33-45.36- Quartz vein, pinkish hue, trace fine pyrite.											
		45.39-45.97- Quartz vein, pinkish hue, barren.											
		46.32-46.35- Quartz vein, pinkish hue, barren.											
		47.21-47.25- Quartz vein, pinkish hue, barren.											
		Foliation @ 47.10					85						
		47.90-47.94- Quartz vein, pinkish hue, barren.											
		48.36-48.40- Quartz vein, pinkish hue, barren.											
		Foliation @ 48.70					80						
		51.50-52.70- 3-5% Pyrite occurring as fine disseminations and fine strings along foliation planes. Section in general exhibits flaser and augen textures, typically perpendicular to core axis, mainly composed of quartz carbonate in an aphanitic mafic groundmass.											
		55.46-55.51- Quartz vein, pinkish hue, trace fine pyrite.											
		56.50-56.57- Quartz vein, pinkish hue, barren.											
		59.10-62.35- Bleached, aphanitic, silica flooded section with trace fine disseminations of pyrite.											
66.10	**83.70**	**sericitized biotite muscovite/white mica schist “Gouda Horizon”**	E562561	66.10	67.50								

METALCORP

Drillhole No: HEGZ10-16 | **Azimuth: 180** | **Easting: 5387953**
Project: Gouda Lake | **Dip: -45** | **Northing: 593499**
Date Collared: 25-OCT-10 | **Length: 97.54m** | **Logged By: Peterson**
Date Complete: 26-OCT-10 | **Elevation: 386m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Generally alternating brown & cream colour layers with several light green layers. Medium grained (1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, layers on the order of 1 every 3-20mm. Localized sections of silica flooded rock that displays poor to no compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Localized section of friable schist with talc on fracture surfaces (soapy feel), easily fractures on foliation planes. Pyrite varies from 5-20% with localized "sulphide zone" (tbd) where pyrite occurs as coarse cubes 0.5-1.5cm, with pyrrhotite and sphalerite. Localized garnetiferous sections.											
		Foliation @ 67.07					80						
		66.90-73.90 - Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement). ~10% 1mm red garnets, ~20% fine pyrite cubes and trace chalcopyrite.	E562562	67.50	69.00								
			E562563	69.00	70.50								
			E562564	BLANK									
		73.90-75.75- Section of friable schist, easily fractures along foliation planes, soapy feeling fracture surfaces. Short few cm section of "gouge-like" material (similar in consistency but not from shearing). 20-25% 1mm pyrite cubes and trace to 1% chalcopyrite.	E562565	70.50	72.00								
			E562566	72.00	73.50								
		77.06-77.73- Sulphide Zone- ~80% coarse pyrite cubes with 10-15% irregular pyrrhotite masses. Sphalerite as scattered 1-3mm blebs ~10-15% and trace chalcopyrite.	E562567	73.50	75.00								
		79.00-83.70- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement). ~20% fine pyrite cubes and trace pyrrhotite as fine strings.											
		80.90-81.20- Section of ~50% fine 1mm pyrite strings along foliation planes with trace pyrrhotite and sphalerite.											
		82.95-83.37- ~10% Coarse 1cm pyrite with ~ 40% massive pyrrhotite and ~ 10% 1-3mm sphalerite blebs.											
83.70	**93.04**	**schistose to gneissose biotite quartzofeldspathic rock**	E562568	75.00	76.50								

METALCORP

Drillhole No: HEGZ10-16 | **Azimuth: 180** | **Easting: 5387953**
Project: Gouda Lake | **Dip: -45** | **Northing: 593499**
Date Collared: 25-OCT-10 | **Length: 97.54m** | **Logged By: Peterson**
Date Complete: 26-OCT-10 | **Elevation: 386m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~50%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Layering varies from weakly developed to well developed. Most of the unit is silica flooded (fine grained to aphanitic, very hard, steel comes off knife blade). Layering is on a millimetre scale, typically 1 every 3-5mm. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains and biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations, and locally as scattered 1-3mm blebs and scattered stringers.											
		Foliation @ 83.75	E562569	76.50	77.75		65						
		92.15-92.65- Section of potassium and epidote alteration of layers producing salmon pink and pistachio green layers. Silica flooded (aphanitic-microcrystalline replacement).	E562570	77.75	80.00								
			E562571	80.00	81.50								
93.04	**97.54**	**Amphibolite**	E562572	81.50	82.50								
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Locally layers are ptygmatically folded. Localized sections of discontinuous layers. Approximately 70% 1mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1mm blebs											
		Foliation @ 94.50	E562573	82.50	83.70		85						
			E562574	83.70	85.20								
	97.54	**EOH**											

Drillhole No: HEGZ10-17 | **Azimuth: 180** | **Easting: 5387953**
Project: Gouda Lake | **Dip: -65** | **Northing: 593499**
Date Collared: 26-OCT-10 | **Length: 85.35m** | **Logged By: Peterson**
Date Complete: 27-OCT-10 | **Elevation: 306m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	5.13	**schistose to gneissose biotite quartzofeldspathic rock**											
		Fine grained to medium grained, light to medium grey. Mainly composed of plagioclase with lesser amounts of quartz and amphibole. All grains ~1mm, subhedral. Trace fine disseminated pyrite.											
5.13	8.43	**sericitized biotite muscovite/white mica schist "Gouda Horizon"**											
		Generally alternating brown & cream colour layers. Medium grained (1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Generally silica flooded rock that displays weakly developed compositional layering, aphanitic (microcrystalline replacement), very hard and bleached in appearance.											
8.43	65.75	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated, amphibolite of intermediate composition. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations.											
		Foliation @ 9.14											
		11.37-11.39- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		11.10-11.48- Feldspar porphyry- grey, fine to medium grained. Plagioclase crystals sub to anhedral, 1-5mm, hornblende crystals subhedral, 1mm, quartz crystals 1mm anhedral. Well developed foliation on the order of 1 every mm. Poorly developed compositional layering to absent layering.											

Drillhole No: HEGZ10-17	Azimuth: 180	Easting: 5387953
Project: Gouda Lake	Dip: -65	Northing: 593499
Date Collared: 26-OCT-10	Length: 85.35m	Logged By: Peterson
Date Complete: 27-OCT-10	Elevation: 306m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		13.35-13.51- Feldspar porphyry- grey, fine to medium grained. Plagioclase crystals sub to anhedral, 1-5mm, hornblende crystals subhedral, 1mm, quartz crystals 1mm anhedral. Well developed foliation on the order of 1 every mm. Poorly developed compositional layering to absent layering.											
		Foliation @ 16.20					88						
		Foliation @ 21.34					88						
		24.55-24.62- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		13.24-13.34- Quartz Vein, pinkish hue with trace fine pyrite.											
		31.47-31.92- As per interval 11.10-11.48											
		32.17-33.07- Section of strong potassium and epidote alteration, typically as salmon pink and pistachio green layering.											
		32.49-32.54- Quartz vein, white, generally perpendicular to core axis, barren.											
		37.72-37.80- Quartz vein, white, generally perpendicular to core axis, barren.											
		38.82-39.77- Potassic alteration of felsic layers, salmon pink hue.											
		40.24-40.33- Quartz vein, white, generally perpendicular to core axis, barren.											
		Foliation @ 42.70					80						
		45.80- 1 cm Chalcopyrite bleb in an quartz-epidote veinlet.											
		Foliation @ 45.50					80						
		Foliation @ 48.90					85						
		Foliation @ 51.82					85						
		58.37-60.20- Section of dark grey to brown aphanitic core-silica flooded (microcrystalline replacement).											
		61.91-62.15- As per interval 11.10-11.48											
		62.27-62.39- As per interval 11.10-11.48											
63.75	**80.24**	**sericitized biotite muscovite/white mica schist "Gouda Horizon"**	E562575	63.75	65.25								

METALCORP

Drillhole No: HEGZ10-17 | **Azimuth: 180** | **Easting: 5387953**
Project: Gouda Lake | **Dip: -65** | **Northing: 593499**
Date Collared: 26-OCT-10 | **Length: 85.35m** | **Logged By: Peterson**
Date Complete: 27-OCT-10 | **Elevation: 306m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Generally alternating brown & cream colour layers with several light green layers. Medium grained (1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, layering 1 every 3-20mm. Localized sections of silica flooded rock that displays poor to no compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Localized section of friable schist with talc on fracture surfaces (soapy feel), easily fractures on foliation planes. Pyrite varies from 5-20% with localized "sulphide zone" where pyrite ~80% as coarse cubes 0.5-1.5cm, ~10% sphalerite and localized 5-10% pyrrhotite.											
		75.80-76.20- Sulphide zone- ~80% coarse pyrite cubes. Sphalerite as scattered 3-5mm blebs ~10%.	E562581	68.25	69.75								
		76.40-80.24- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement). 2-5% Fine disseminated pyrite.	E562582	BLANK									
		79.40-79.49- Quartz vein, smokey, trace 1mm blebs of galena, pyrite and pyrrhotite.	E562583	69.75	71.25								
		80.15-80.24- Section of ~35% pyrrhotite as stringers and veinlets with ~10% 5-10mm pyrite blebs, ~5% 1-3mm sphalerite blebs.	E562584	71.25	72.75								
			E562585	72.75	74.25								
			E562586	74.25	75.8								
			E562587	75.8	76.2								
			E562588	76.20	77.80								
			E562589	77.80	79.25								
80.24	**85.34**	**schistose to gneissose biotite quartzofeldspathic rock**	E562590	79.25	80.24								
		Well foliated. Generally dark green to brown, very fine grained to aphanitic (silica flooded), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains and biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations and scattered stringers.	E562591	80.24	81.75								
	85.35	**EOH**											

METALCORP

Drillhole No: HEGZ10-18 | **Azimuth: 180** | **Easting: 5387941**
Project: Gouda Lake | **Dip: -45** | **Northing: 593390**
Date Collared: 27-OCT-10 | **Length: 91.14m** | **Logged By: Peterson**
Date Complete: 28-OCT-10 | **Elevation: 394m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	70.64	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated, amphibolite of intermediate composition. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations.											
		13.84-13.89- Quartz Vein, pinkish hue, barren.											
		14.96-15.03- Quartz vein, pinkish hue, generally perpendicular to core axis, trace 1mm blebs pyrite.											
		15.59-15.63- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		16.76-16.80- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		Foliation @ 15.24					88						
		Foliation @ 18.29					88						
		Foliation @ 21.34					85						
		23.10-23.15- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		26.19-26.27- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											

METALCORP

Drillhole No: HEGZ10-18
Project: Gouda Lake
Date Collared: 27-OCT-10
Date Complete: 28-OCT-10

Azimuth: 180
Dip: -45
Length: 91.14m
Elevation: 394m

Easting: 5387941
Northing: 593390
Logged By: Peterson
Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		26.34-26.43- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		29.15-29.29- As per interval 12.04-12.60											
		30.62-30.72- Quartz vein, white, generally perpendicular to core axis, barren.											
		36.50-36.58- Quartz vein, red hue, generally perpendicular to core axis, barren.											
		36.73-36.79- Quartz vein, red hue, generally perpendicular to core axis, barren.											
		39.19-39.82- Silica flooding of leucocratic layers, aphanitic (microcrystalline replacement), cream and dark brown/black layering. Mafic layers medium grained, typically 1-3mm amphiboles.											
		45.50-46.60- Jasper- typically orange/red/ colour, aphanitic (microcrystalline replaced) with several fine epidote stringers.											
		49.55-49.61- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		69.26-69.81- Bleached, aphanitic, silica flooded section (microcrystalline replaced).											
		63.91-64.22- As per interval 69.26-69.81											
		69.16-69.58- As per interval 12.04-12.60											
70.64	**85.37**	**sericitized biotite muscovite/white mica schist "Gouda Horizon"**	E562625	70.64	72.14								
		Generally alternating brown & cream colour layers with several light green layers. Medium grained (1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, layering 1 every 3-20mm. Localized sections of silica flooded rock that displays poor to no compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Localized section of friable schist with talc on fracture surfaces (soapy feel), easily fractures on foliation planes. Pyrite varies from trace to 5%, locally higher.											
		Foliation @ 73.15	E562626	72.14	73.64		80						
		78.20-78.60- 20-30% Pyrite occurring as disseminated 1-3mm blebs with 5-10% pyrrhotite and trace fine galena.	E562627	73.64	75.14								

Drillhole No: HEGZ10-18 | **Azimuth: 180** | **Easting: 5387941**
Project: Gouda Lake | **Dip: -45** | **Northing: 593390**
Date Collared: 27-OCT-10 | **Length: 91.14m** | **Logged By: Peterson**
Date Complete: 28-OCT-10 | **Elevation: 394m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		80.50-81.75- Section of friable schist, easily fractures along foliation planes, soapy feeling fracture surfaces. Short few cm section of "gouge-like" material. ~30% fine disseminated pyrite cubes.	E562628	75.14	76.64								
		82.10-82.70- 20% Pyrite as 1-5mm blebs typically aligned perpendicular to core axis.	E562629	76.64	78.14								
		82.70-85.37- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement).	E562630	78.14	79.64								
85.37	**91.14**	**schistose to gneissose biotite quartzofeldspathic rock**	E562631	BLANK									
		Well foliated. Generally dark green to brown, very fine grained to aphanitic (silica flooded), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Well developed compositional layering, 1 every 5-10 mm typically perpendicular to core axis. Accessory minerals include: sphene- generally present throughout unit as very fine disseminated beige/pinkish grains and biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations and scattered stringers.											
		85.73-88.21- Silica flooded section, aphanitic (microcrystalline replacement).	E562632	79.64	81.14								
			E562633	81.14	82.64								
			E562634	82.64	84.14								
			E562635	84.14	85.37								
	91.14	**EOH**											

METALCORP

Drillhole No: HEGZ10-19 | **Azimuth: 180** | **Easting: 5388015**
Project: Gouda Lake | **Dip: -50** | **Northing: 593555**
Date Collared: 28-OCT-10 | **Length: 128.02m** | **Logged By: Flasha/Peterson**
Date Complete: 29-OCT-10 | **Elevation: 391m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	82.30	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations.											
		Foliation @ 12.19					88						
		13.35-13.37- Quartz vein, white, generally perpendicular to core axis, barren.											
		Foliation @ 18.29					89						
		Foliation @ 21.34					88						
		23.38-23.93- Bleached light grey with salmon pink stockworked potassic alteration, aphanitic (microcrystalline replaced).											
		24.58-25.04- As per interval 23.38-23.93											
		29.27-29.41- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		30.42-31.43- Granite intrusion- medium grained, not foliated, equigranular, mainly composed of plagioclase and potassium feldspar with lesser amounts of quartz, amphibole and biotite.											
		32.78-32.89- Pegmatite dyke- mainly composed of 0.5-2cm subhedral plagioclase with lesser amounts of 0.5-1cm quartz and potassium feldspar.											
		35.46-35.49- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		36.18- 36.20- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											

METALCORP

Drillhole No: HEGZ10-19 | **Azimuth: 180** | **Easting: 5388015**
Project: Gouda Lake | **Dip: -50** | **Northing: 593555**
Date Collared: 28-OCT-10 | **Length: 128.02m** | **Logged By: Flasha/Peterson**
Date Complete: 29-OCT-10 | **Elevation: 391m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		36.91-37.71-- Feldspar porphyry- mainly composed of 1-3mm subhedral plagioclase with lesser amounts of 1-2mm subhedral amphibole and potassium feldspar in quartz groundmass. Well developed foliation typically perpendicular to core axis on the order of 1 every millimetre.											
		41.10-45.72- Bleached, aphanitic silica flooded section (microcrystalline replacement).											
		42.28-42.31- Quartz vein, pinkish hue, barren.											
		42.45-42.48- Quartz vein, pinkish hue, trace 3mm pyrite blebs.											
		42.85-42.90- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		43.00-43.04- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		43.55-43.57- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		43.64-43.79- Quartz vein, white, generally perpendicular to core axis, barren.											
		46.38-46.81- As per interval 36.91-37.71											
		46.84-49.80- As per interval 41.10-45.75 with localized sections of potassic enrichment in the form of scattered veins and stringer veinlets.											
		48.99-49.05- Quartz vein- pinkish hue, barren.											
		52.35-52.38- Pegmatite dyke as per 32.78-32.89 with a few 3mm pyrite blebs.											
		69.55-69.60- Quartz vein- pinkish hue, barren.											
		70.36-70.40- Quartz vein- pinkish hue with trace fine pyrite.											
		71.90-72.30- Quartz vein- pinkish hue, trace 1-3mm pyrite blebs and trace 1-3mm galena.											
		Foliation @ 82.30					85						
		86.88m 1cm epidote vein with 1% py											
		87.21-87.45 'bleached' --> sections texture has been obliterated; very fine-grained quartz and plagioclase with v. fine acicular hbl needles											
		87.94 2cm of 10% py and epidote						10%					
		87.97-94.84 section becomes more mafic, with 50% less quartzofeldspathic component; 1% py					78	1%					
		89.48m cross-cutting seam of py and gal											

METALCORP

Drillhole No: HEGZ10-19 | **Azimuth: 180** | **Easting: 5388015**
Project: Gouda Lake | **Dip: -50** | **Northing: 593555**
Date Collared: 28-OCT-10 | **Length: 128.02m** | **Logged By: Flasha/Peterson**
Date Complete: 29-OCT-10 | **Elevation: 391m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		89.95 - 90.42 mm-scale layers of epidote; 2 white quartz veins, 2-7cm wide											
		93.61 - 94.03 well-foliated, medium-grained quartz feldspar porphyry											
		94.03 - 94.84 tr fine- to medium-grained garnets; 5-10% py						5-10%					
94.84	**113.12**	**Gouda Horizon - Biotite Sericite Muscovite/White Mica Schist**											
		well-foliated, fine to very fine-grained (sericitic) schistose rock, composed predominantly of muscovite and biotite and phlogopite(?) with fine-grained quartz, local medium- to fine-grained lens-shaped quartz eyes and zones locally rich in talc; mm- to cm-scale compositional layering is present although not present throughout the unit; rare to tr pyrite; light- to medium-grey colouration is typical											
		at 95.45 you see the two deformational events in the folding and foliation	E559649	94.84	96.34								
		95.31 - 9cm smoky quartz vein with rare py						rare					
		95.45 foliation											
		#559650 sample includes trace garnets	E559650	96.34	98.06		80						
		95.69 - 5cm smoky quartz vein with rare py	E559651	blank									
		96.34 - 96.62 white - smoky qtz vein with seams of biotite and muscovite (4) and trace blebs of po and py											
		#559652 very fine-grained, mm-scale compositionally layered zone with foliation between 20 and 45 deg; med grained lens shaped quartz; rare diss py	E559652	98.06	99.03			rare					
		#559653 trace py in foliation; same as above but some micro folds along the foliation plane	E559653	99.03	100.50			trace					
		#559654 more biotite-rich section; local quartz lenses; 1% py cubes; 101.34 smoky quartz vein x-cutting foliation with 4% py	E559654	100.50	101.56		72	1%					
		#559655 1-5% pyrite, higher concentrations with the biotite; rare coarse quartz lenses, aligned along the foln; common micro-folds along the foliation plane; last 6cm is biotite rich with 5% py	E559655	101.56	103.12		76	1-5%					
		#559656 very fine-grained sericitic section with local cm-scale layers of 1-2% foliated py; 103.23 - 103.27 smoky qtz vein	E559656	103.12	104.53			tr-2%					
		#559657 well foliated with mm-scale layers rich in py, as well as diss py cubes	E559657	104.53	105.63		78	5%					
		#559658 intrusion; dark colour, pocky, biotite rich, with up to 10% py; fine-grained	E559658	105.63	106.46		80	<10%					
		#559659 5% foliated py as layers, and disseminated cubes; last 3cm is a smoky quartz vein, along foliation (rare py)	E559659	106.46	107.69			5%					
		#559660 massive meduim-grey foliated zone, with no compositional layering; more talc and white mica, no biotite; still competant; 5% diss py	E559660	107.69	108.86		88	5%					

METALCORP

Drillhole No: HEGZ10-19 | **Azimuth: 180** | **Easting: 5388015**
Project: Gouda Lake | **Dip: -50** | **Northing: 593555**
Date Collared: 28-OCT-10 | **Length: 128.02m** | **Logged By: Flasha/Peterson**
Date Complete: 29-OCT-10 | **Elevation: 391m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
			E559661	blank									
		#559662 very poor recovery with only 80 cm of rock; friable, talc rich section to 109.58, followed by massive sulphides to 109.73; includes 70% py, 10-20% gal, 15% sph, very coarse grained; 109.73 - 110.04 back to same as #660	E559662	108.86	110.04								
		#559663 110.04 - 110.29 massive sulphides (py 60%, 25% gal, 10% sph) *PHOTO*; 110.35 4 cm clear quartz vein with gob-smear of galena and specs of cpy *PHOTO*; 110.53 1cm band of biotite with 2% med-grained pyrite	E559663	110.04	110.54								
		#559664 similar to 559660; includes two 1cm bands of pyrite, medium-grained, associated with biotite layers	E559664	110.54	111.41		80	1%	tr				
		#559665 overall 1% pyrite and local sph; 111.41 5cm 20% pyrite zone, fine- med-grained; 111.55-111.76 med-coarse grained 50-80% pyrite, 15-20% sphalerite, 2% galena; 112.0 - 112.14 massive sulphides ending in a quartz vein with sph-py rich seam (1cm), 60% py, 25% sph, tr gal	E559665	111.41	112.23		77						
		#559666 very competant, hard fine-grained quartz rich zone, well foliated, poor layering, almost cherty; tr diss py, rare po; 112.71m 7cm zone with biotite and pyrite (15%); 113.07-113.29 fine-grained layers of po and py overall, 1-% py and 5% po (up to 10%) including a 3cm smoky brown quartz vein; 113.29 - 113.80 5% py and 2% po	E559666	112.23	113.80			tr-15%	rare - 5%				
113.12	**124.29**	**schistose to gneissose biotite quartzofeldspathic rock**											
		biotite (~10%), plagioclase and quartz (~40%), amphibole (~50%); fine-grained, well foliated; mm-scale compositional layering (alternating more amph+bi- vs. quartz+plag-rich); pyrite is disseminated and foliated, found along foliation planes; tr-2% disseminated beige-coloured sphene typically observed throughout the unit											
		113.12 - 117.15 cm-scale compositional layering											
		116.20 foliation					79						
		123.50 foliation					81						
124.29	**128.02**	**biotite amphibolite**											
		fine-grained well foliated <10% quartz and plag, <10% biotite and >80% amphibole (mainly hornblende - acicular grains observed); poor compositional layering; includes a few mm-scale epidote layers which contain up to 5% py; dark green colouring mottled with a dark coppery brown and black; tr-1% diss py						tr-1%					
		124.46 - 124.56 foliated granite											
		124.78 - 124.95 foliated granite											
	128.02	**EOH**											

METALCORP

Drillhole No: HEGZ10-20 | **Azimuth: 180** | **Easting: 5388015**
Project: Gouda Lake | **Dip: -90** | **Northing: 593555**
Date Collared: 29-OCT-10 | **Length: 131.07m** | **Logged By: Peterson**
Date Complete: 29-OCT-10 | **Elevation: 391m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	104.40	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations.											
		11.34-11.65- 1-3% Pyrite occurring as 1-3mm blebs in an epidote altered section- typically massive pistachio green core.											
		Foliation @ 15.24					60						
		17.89-17.91- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		17.97-17.99- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		Foliation @ 18.29					60						
		18.99-19.04 Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		Foliation @ 24.38					55						
		27.95-28.33- Section of bleached, light grey, aphanitic core-silica flooded (microcrystalline replacement).											
		Foliation @ 30.48											
		32.99-34.30- Quartz vein, pinkish hue, generally perpendicular to core axis, barren with a pegmatite dyke -tbd below.											

Drillhole No: HEGZ10-20	Azimuth: 180	Easting: 5388015
Project: Gouda Lake	Dip: -90	Northing: 593555
Date Collared: 29-OCT-10	Length: 131.07m	Logged By: Peterson
Date Complete: 29-OCT-10	Elevation: 391m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		33.53-33.63- Pegmatite dyke mainly composed of ~2cm subhedral potassium feldspar, 1-2cm subhedral plagioclase and lesser amounts of subhedral 1cm quartz, trace 1mm pyrite blebs.											
		34.30-35.70- Feldspar porphyry- generally grey, not foliated, intermediate composition, 1-3mm subhedral plagioclase, <1mm subhedral amphibole, quartz groundmass.											
		36.56-45.94- Section of very fine grained, dark grey/green, well developed foliation, foliation planes mm scale, weakly developed layering. All grains uniform in size.											
		41.99-42.46- Feldspar porphyry- mainly composed of 1-3mm subhedral plagioclase with lesser amounts of 1-2mm subhedral amphibole in quartz groundmass. Localized sections of sinuous potassic enrichment.											
		Foliation @ 42.67					70						
		42.97- 43.01- Quartz vein, pinkish hue, barren.											
		49.50-50.00- Quartz vein, pinkish hue, trace 3mm pyrite blebs.											
		50.18-50.69- As per interval 41.99-42.46											
		52.28-52.82- As per interval 41.99-42.46											
		55.69-57.28- Silica flooded section-aphanitic(microcrystalline replacement) well developed layering, 5-10% of layers potassium enriched-salmon pink hue.											
		Foliation @60.96					60						
		61.30-61.85- As per 41.99-42.46											
		Foliation @67.06					70						
		67.40-67.45- Quartz vein- pinkish hue, barren.											
		Foliation @ 70.10					65						
		74.19-74.23- Quartz vein- pinkish hue, barren.											
		74.97-74.98- Quartz vein- pinkish hue, barren, discontinuous.											
		75.22-75.26- Quartz vein- pinkish hue, barren.											
		75.29-75.36- Quartz vein- pinkish hue, barren.											
		75.83-75.89- Quartz vein- pinkish hue, barren.											
		76.22-77.16- Feldspar porphyry- medium grained, grey to salmon pink in colour, well developed foliation, 1 every mm, mainly composed of 1-3mm subhedral plagioclase followed by lesser amounts of 1mm subhedral amphibole and quartz. Epidote altered stringers and potassium enriched groundmass.											

METALCORP

Drillhole No: HEGZ10-20 | **Azimuth: 180** | **Easting: 5388015**
Project: Gouda Lake | **Dip: -90** | **Northing: 593555**
Date Collared: 29-OCT-10 | **Length: 131.07m** | **Logged By: Peterson**
Date Complete: 29-OCT-10 | **Elevation: 391m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		77.16-78.70- Felsic layers potassium enriched and very fine grained- layering alternates between salmon pink and dark green/brown.											
		Foliation @ 88.39					55						
		90.55-90.85- As per 77.16-78.70											
		96.90-104.40- Increase in mafic minerals- less quartz, well developed foliation, weakly developed layering, fine grained. Pyrite varies from trace to 3% occurring as localized fine disseminations to fine 1mm stringers along foliation planes.											
		102.26-103.59- Feldspar porphyry- medium grained, well developed foliation, weakly developed layering, mainly composed of 1-3mm subhedral plagioclase followed by lesser amounts of 1mm subhedral amphiboles and quartz.											
104.40	**127.40**	**Gouda Horizon - Biotite Sericite Muscovite/White Mica Schist**	E562592	104.40	105.90								
		Generally alternating brown & cream colour layers with several light green layers. Medium grained (1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, layering 1 every 3-20mm. Localized sections of silica flooded rock that displays poor to no compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Localized section of friable schist with talc on fracture surfaces (soapy feel), easily fractures on foliation planes. Pyrite typically 3-5% occurring as fine 1mm cubes, except for localized "sulphide zone" where pyrite ~65-75% as coarse cubes 0.5-1.5cm, ~10% sphalerite and localized 5-10% pyrrhotite.											
		104.40-104.95- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement).	E562593	105.90	107.40								
		112.78-114.30- Feldspar porphyry- mainly composed of 1-2mm subhedral amphibole followed by 1-2mm subhedral plagioclase and quartz, 5-10% disseminated pyrite cubes.	E562594	107.40	108.90								
			E562595	108.90	110.40								
			E562596	110.40	111.90								
			E562597	111.90	113.40								
			E562598	113.40	114.90								
			E562599	114.90	116.40								
			E562600	BLANK									

Drillhole No: HEGZ10-20	Azimuth: 180	Easting: 5388015
Project: Gouda Lake	Dip: -90	Northing: 593555
Date Collared: 29-OCT-10	Length: 131.07m	Logged By: Peterson
Date Complete: 29-OCT-10	Elevation: 391m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
			E562601	116.40	117.90								
			E562602	117.90	119.40								
		118.20-120.90- Section of friable schist, easily fractures along foliation planes, soapy feeling fracture surfaces. Short few cm section of "gouge-like" material (similar in consistency but not from shearing). ~20% Fine disseminated pyrite cubes.	E562603	119.40	120.90								
		121.00-121.40- Sulphide zone- ~65% coarse pyrite cubes. Sphalerite as scattered 3-5mm blebs ~10%, trace galena and ~5% pyrrhotite.	E562604	120.90	122.40								
		122.40-124.00- 30-40% 1-3mm Pyrite veinlets along foliation planes with ~5% sphalerite.	E562605	122.40	123.90								
		124.28-124.63- ~80% Coarse pyrite, 5-15mm anhedral cubes with 2-5% sphalerite.	E562606	123.90	125.00								
		124.75-124.97- 25-35% 5-10mm Coarse pyrite cubes.											
		125.00-127.50- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement). 2-5% fine disseminated pyrite.	E562607	125.00	126.50								
		127.00-127.26 - Section of ~35% pyrrhotite as stringers and veinlets with ~10% 5-10mm pyrite blebs.	E562608	126.50	127.50								
127.40	**131.07**	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, very fine grained to aphanitic (silica flooded), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains and biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations and scattered stringers.											
		127.50-129.00- Silica flooded, well developed layering, aphanitic (microcrystalline replacement).											
	131.07	**EOH**											

METALCORP

Drillhole No: HEGZ10-21 | **Azimuth: 180** | **Easting: 5388015**
Project: Gouda Lake | **Dip: -65** | **Northing: 593555**
Date Collared: 30-OCT-10 | **Length: 128.02m** | **Logged By: Peterson**
Date Complete: 31-OCT-10 | **Elevation: 391m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	90.65	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, fine grained (1-0.1 mm), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimeter scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the porportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations.											
		15.90-18.59- Mafic dyke- dark green to balck, very fine grained to aphanitic, typically magnetic, oriented parallel to core axis.											
		19.77-19.82- Quartz vein, pinkish hue, barren.											
		23.90-24.41- Silica flooded section with 25-35% sinuous potassium enriched veinlets parallel to core axis, typically bleached grey with salmon pink veinlets, aphanitic.											
		27.55-28.35- As per interval 15.90-18.59											
		29.36-29.40- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		29.47-29.59- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		29.97-30.95- Medium grained granodiorite intrusion- not foliated, typically equigranular, mainly composed of plagioclase and quartz followed by lesser amounts of potassium feldspar, amphibole and biotite. Trace pyrite occuring as 1mm blebs.											

METALCORP

Drillhole No: HEGZ10-21 | **Azimuth: 180** | **Easting: 5388015**
Project: Gouda Lake | **Dip: -65** | **Northing: 593555**
Date Collared: 30-OCT-10 | **Length: 128.02m** | **Logged By: Peterson**
Date Complete: 31-OCT-10 | **Elevation: 391m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		32.05-32.18- Pegmatite dyke-mainly composed of 2-3cm subhedral potassium feldspar followed by lesser amounts of 1-2cm plagioclase and .5-1cm quartz.											
		36.73-37.05- Feldspar porphyry- mainly composed of 2-3mm subhedral plagioclase followed by ~5-10% 1mm subhedral amphibole in quartz groundmass.											
		37.05-37.15- Quartz vein, pinkish hue, generally perpendicular to core axis, a few <1mm pyrite flecks and a 3mm chalcopyrite bleb.											
		38.11-38.15- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		41.35-41.38-Quartz vein, pinkish hue, generally perpendicular to core axis, trace 1-3mm pyrite cubes.											
		41.50-42.00- Silica flooded, bleached grey, aphanitic (microcrystalline replacement).											
		43.00-43.04- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		43.08-43.11- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		43.11-43.94- Silica flooded muscovite schist- well developed foliation, 1 every mm, well developed layering, fine grained to aphanitic.											
		45.74-46.17- As per interval 36.73-37.05											
		47.10-47.85- As per interval 27.77-28.35											
		48.77-50.10- Muscovite biotite schist- generally silica flooded (aphanitic-microcrystalline replacement) with potassium enrichment of felsic layers giving the overall colour alternating from salmon pink to brown.											
		61.63-64.10- Localized sections of chlorite altered, biotite rich amphibolite-sections vary in length from 3-20 cm. Fine grained dark green/brown coloured. Well developed foliation on a millimetre scale.											
		Foliation @ 60.96					88						
		Foliation @ 64.05					89						
		Foliation @ 67.01					88						
		Foliation @ 73.15					85						
		Foliation @ 76.20					80						
		Foliation @ 79.25					80						

Drillhole No: HEGZ10-21	**Azimuth: 180**	**Easting: 5388015**
Project: Gouda Lake	**Dip: -65**	**Northing: 593555**
Date Collared: 30-OCT-10	**Length: 128.02m**	**Logged By: Peterson**
Date Complete: 31-OCT-10	**Elevation: 391m**	**Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		80.32-80.34- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		80.83-80.86- Feldspar porphyry- very dark grey, medium grained, well foliated on the order of 1 every millimetre typically perpendicular to core axis,weakly developed compositional layering, mainly composed of 65-70% 1mm subhedral amphibole with lesser amounts of 1-3mm subhedral to anhedral plagioclase in a quartz groundmass.											
		83.28-83.33- Quartz vein, white, generally perpendicular to core axis, barren.											
		83.50-84.18- As per interval 15.90-18.59											
		89.95-90.27- Feldspar porphyry- intermediate composition, typically grey colour, well developed foliation on the order of 1 every millimetre, weakly developed compositional layering to absent. Mainly composed of 1-3mm subhedral plagioclase followed by lesser amounts of 1mm subhedral to euhdral amphibole in a quartz rich groundmass.											
90.65	**110.45**	**Gouda Horizon - Biotite Sericite Muscovite/White Mica Schist**	E562609	90.65	92.15								
		Generally alternating brown & cream colour layers with several light											
		90.65-92.27- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement).	E562610	92.15	93.65								
		103.63-105.50- Section of friable schist, easily fractures along foliation planes, soapy feeling fracture surfaces. Short few cm section of "gouge-like" material.	E562611	93.65	95.15								
		105.50-105.72- Sulphide Zone- ~80% coarse pyrite cubes. Sphalerite as scattered 3-5mm blebs ~10%. Trace 1mm galena.	E562612	95.15	96.65								
		105.72-109.45- mafic dyke as per 15.90-18.59, 1-3mm blebs of pyrrhotite visible on fracture surfaces.	E562613	96.65	98.15								
		109.45-109.60- 50-75% coarse pyrite with 5-10% sphalerite	E562614	98.15	99.65								
		109.73-110.45- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement). 2-5% fine disseminated pyrite.	E562615	99.65	101.15								
		110.40-110.45- 45-50% 1-5mm Blebby pyrite.	E562616	BLANK									
110.45	**121.85**	**schistose to gneissose biotite quartzofeldspathic rock**	E562618	101.15	102.65								

Drillhole No: HEGZ10-21	Azimuth: 180	Easting: 5388015
Project: Gouda Lake	Dip: -65	Northing: 593555
Date Collared: 30-OCT-10	Length: 128.02m	Logged By: Peterson
Date Complete: 31-OCT-10	Elevation: 391m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated. Generally dark green to brown, very fine grained to aphanitic (silica flooded), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains and biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations and scattered stringers.											
		Foliation @ 112.75	E562619	102.65	104.15		80						
		112.78-113.40- Gouge section- appears to be pulverized schist (very micaceous) with 2-3% fine cubic pyrite.	E562620	104.15	105.45								
		114.82-117.37- As per interval 15.90-18.59	E562621	105.45	106.85								
		119.53-119.60- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.	E562622	106.85	108.35								
121.85	**128.30**	**Biotite Amphibolite**	E562623	108.35	109.10								
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Locally layers are ptygmatically folded. Localized sections of discontinuous layers. Approximately 70% 1mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1mm blebs.											
		127.55-128.30- Intermediate intrusion- typically grey in colour, well foliated, 1 every millimeter generally perpendicular to core axis, weak compostional layering to absent, mainly composed of 3mm long amphibole phenocrysts in a grey aphanitic groundmass (quartz rich?).	E562624	109.10	110.45								
	128.30	**EOH**											

METALCORP

Drillhole No: HEGZ10-22 | **Azimuth: 180** | **Easting: 5387959**
Project: Gouda Lake | **Dip: -45** | **Northing: 593332**
Date Collared: 31-OCT-10 | **Length: 146.31m** | **Logged By: Peterson**
Date Complete: 1-NOV-10 | **Elevation: 395m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	91.87	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations.											
		Foliation @ 9.10					50						
		9.49-9.99- Pegmatite dyke mainly composed of ~2cm subhedral potassium feldspar, 1-2cm subhedral plagioclase and lesser amounts of subhedral 1cm quartz, trace 1mm pyrite blebs.											
		10.38-10.44- As per interval 9.49-9.99											
		Foliation @ 12.20					53						
		12.60-12.63- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		13.50-14.40- Potassic enrichment of leucocratic minerals.											
		Foliation @ 17.50					60						
		18.32-19.99- As per interval 9.49-9.99 typically parallel to core axis.											
		20.31-20.40- As per interval 9.49-9.99											
		21.69-21.72- As per interval 9.49-9.99											
		24.66-25.06- As per interval 9.49-9.99											
		Foliation @ 24.38					55						

METALCORP

Drillhole No: HEGZ10-22 | **Azimuth: 180** | **Easting: 5387959**
Project: Gouda Lake | **Dip: -45** | **Northing: 593332**
Date Collared: 31-OCT-10 | **Length: 146.31m** | **Logged By: Peterson**
Date Complete: 1-NOV-10 | **Elevation: 395m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Foliation @ 25.15					50						
		Foliation @ 27.10					60						
		Foliation @ 31.30					60						
		31.86-31.94- Silica flooded section (microcrystalline replacement), pink in colour, aphanitic with ~5% 1mm red garnets.											
		32.09-32.12- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		32.12-36.20- Silica flooded section-aphanitic (microcrystalline replacement).											
		32.09-32.12- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		32.12-36.20- Silica flooded section-aphanitic (microcrystalline replacement).											
		35.00-35.60- Section of massive potassium enrichment (salmon pink in colour) with stockworked pistachio green epidote stringers.											
		38.51-38.65- Feldspar porphyry- medium grained, well developed foliation, weakly developed layering, mainly composed of 1-3mm subhedral plagioclase followed by lesser amounts of 1mm subhedral amphiboles and quartz.											
		38.69-38.73- Quartz vein- pinkish hue, barren.											
		38.84-38.90- Quartz vein- pinkish hue, barren.											
		Foliation @ 39.70					45						
		41.22-41.26- Quartz vein- pinkish hue, barren.											
		44.31-44.35- Quartz vein- pinkish hue, barren, discontinuous.											
		44.58-44.63- Quartz vein- pinkish hue, barren.											
		44.67-44.72- Quartz vein- pinkish hue, barren.											
		47.01-47.23- Feldspar porphyry- medium grained, not foliated, weak potassium enrichment (light salmon pink hue), mainly composed of 1-3mm subhedral plagioclase followed by lesser amounts of 1mm subhedral amphiboles and quartz.											
		47.50-48.69- Amphibole rich intermediate intrusion, ~70% 1-2mm subhedral amphibole followed by 1mm subhedral plagioclase and quartz, not foliated.											
		48.77-49.90- Silica flooded section, aphanitic (microcrystalline replaced), weakly developed layering alternating from medium/dark green to black, black layers typically discontinuous.											

METALCORP

Drillhole No: HEGZ10-22	**Azimuth: 180**	**Easting: 5387959**
Project: Gouda Lake	**Dip: -45**	**Northing: 593332**
Date Collared: 31-OCT-10	**Length: 146.31m**	**Logged By: Peterson**
Date Complete: 1-NOV-10	**Elevation: 395m**	**Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Foliation @ 51.90					55						
		Foliation @ 59.00					45						
		63.80-64.35- As per interval 9.49-9.99 with trace fine pyrite.											
		65.20- 69.92- Pegmatite dyke, similar to 9.49-9.99 but mainly composed of 5-20mm subhedral potassium feldspar and plagioclase with lesser amounts of 5-10mm subhedral quartz, trace to 1% scattered 3-5mm blebs of pyrite.											
		82.30-82.45- Quartz vein, white, barren.											
91.87	**110.30**	**Gouda Horizon - Biotite Sericite Muscovite/White Mica Schist**											
		Generally alternating brown & cream colour layers with several light green layers. Medium grained (1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, layering 1 every 3-20mm. Localized sections of silica flooded rock that displays poor to no compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Localized section of friable schist with talc on fracture surfaces (soapy feel), easily fractures on foliation planes. Pyrite typically trace-5% occurring as fine 1mm cubes, locally up to 10%, ~5% fine stringers pyrrhotite and trace 1mm sphalerite.	E562636	91.87	93.40	1.53							
		Foliation @ 94.49	E562637	93.40	94.90	1.50	45						
		96.50-97.45- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement).	E562638	94.90	96.40	1.50							
		101.30-102.05 -Section of friable schist, easily fractures along foliation planes, soapy feeling fracture surfaces. Short few cm section of "gouge-like" material (similar in consistency but not from shearing). ~5% Fine disseminated pyrite cubes.	E562639	96.40	97.90	1.50							
		102.55-104.30- Intermediate intrusion, medium grained, colour varies from grey to salmon pink to pistachio green. Mainly composed of 1mm subhedral plagioclase followed by lesser amounts of potassium feldspar, quartz and amphibole.	E562640	97.90	99.40	1.50							
		105.30-108.90- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement).	E562641	99.40	100.90	1.50							
110.30	**133.40**	**schistose to gneissose biotite quartzofeldspathic rock**	E562642	100.90	102.40	1.50							

METALCORP	Drillhole No: HEGZ10-22	Azimuth: 180	Easting: 5387959
	Project: Gouda Lake	Dip: -45	Northing: 593332
	Date Collared: 31-OCT-10	Length: 146.31m	Logged By: Peterson
	Date Complete: 1-NOV-10	Elevation: 395m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated. Generally dark green to brown, very fine grained to aphanitic (silica flooded), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains and biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations and scattered stringers.	E562644	102.40	103.90	1.50							
		113.23-113.37- Quartz vein, white, barren.	E562645	103.90	105.40	1.50							
		113.97-115.15- Pegmatite Dyke- mainly composed of 5-20mm subhedral potassium feldspar and plagioclase with lesser amounts of 5-10mm subhedral quartz, trace to 1% scattered 3-5mm blebs of pyrite.	E562646	105.40	106.90	1.50							
		Foliation @ 115.83	E562647	106.90	108.40	1.50	60						
		Foliation @ 118.90	E562648	108.40	109.40	1.00	45						
		119.60-122.34- Silica flooded, well developed layering, aphanitic (microcrystalline replacement).											
		119.90-120.04- Quartz vein, white, barren.											
		121.23-121.60- Intermediate intrusion- typically grey in colour, well foliated, 1 every millimetre generally perpendicular to core axis, weak compositional layering to absent, mainly composed of 3mm long amphibole phenocrysts in a grey aphanitic groundmass (quartz rich?).											
		Foliation @ 122.50					50						
133.40	**146.31**	**Biotite- Amphibolite**											
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Locally layers are ptygmatically folded. Localized sections of discontinuous layers. Approximately 70% 1mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1mm blebs.											
	146.31	**EOH**											

METALCORP

Drillhole No: HEGZ10-23 | **Azimuth: 180** | **Easting: 5388089**
Project: Gouda Lake | **Dip: -65** | **Northing: 593663**
Date Collared: 1-NOV-10 | **Length: 158.50m** | **Logged By: Peterson**
Date Complete: 2-NOV-10 | **Elevation: 397m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	129.86	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, very fine grained to fine grained, mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations.											
		21.96-22.14- Feldspar porphyry- grey, mainly composed of 1-3mm subhedral plagioclase with lesser amounts of quartz and hornblende, well developed foliation typically perpendicular to core axis.											
		24.90-24.97- As per interval 21.96-22.14											
		25.37-33.85- Feldspar porphyry- mainly composed of 1-4mm subhedral plagioclase (~50%) with lesser amounts of 3-4mm potassium feldspar and 1mm amphibole in a quartz groundmass. Very weakly developed foliation typically perpendicular to core axis.											
		33.93-35.40- Feldspar porphyry- similar to above intrusion but no potassium feldspar present and about ~30% plagioclase with lesser amounts of amphibole in a quartz groundmass.											
		36.94-36.99- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		57.68-57.70- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		57.73-57.74- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		63.81-63.88- Pegmatite dyke mainly composed of ~2cm subhedral potassium feldspar, 1-2cm subhedral plagioclase and lesser amounts of subhedral 1cm quartz.											

METALCORP

Drillhole No: HEGZ10-23 | **Azimuth: 180** | **Easting: 5388089**
Project: Gouda Lake | **Dip: -65** | **Northing: 593663**
Date Collared: 1-NOV-10 | **Length: 158.50m** | **Logged By: Peterson**
Date Complete: 2-NOV-10 | **Elevation: 397m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		65.29-65.38- Silica flooded section- bleached, aphanitic (microcrystalline replacement).											
		65.83-65.91- Pegmatite dyke mainly composed of ~2cm subhedral potassium feldspar, 1-2cm subhedral plagioclase and lesser amounts of subhedral 1cm quartz.											
		65.93-65.97- Quartz vein, pinkish hue, barren.											
		71.42-71.57- Quartz vein, pinkish hue, barren.											
		71.57-72.45- Granodiorite intrusion- fine grained, not foliated, equigranular, mainly composed of plagioclase and quartz with lesser amounts of amphibole.											
		73.89-74.13- Mafic intrusion, dark green to black, very fine grained to aphanitic.											
		76.20-76.84- As per interval 33.93-35.40											
		77.38-77.47- Quartz vein, pinkish hue, barren.											
		83.05- 83.25- As per interval 33.93-35.40 with pervasive potassium alteration of leucocratic minerals.											
		87.83-88.04- As per 83.05-83.25											
		89.75- 91.50- Silica flooded section, bleached, aphanitic (microcrystalline replacement) poorly developed to absent layering.											
		90.71-90.86- Quartz vein, pinkish hue, barren.											
		93.30-93.95- As per interval 33.93-35.40											
		98.90-98.95- Quartz vein, pinkish hue, barren.											
		101.38-101.60- As per interval 33.93-35.40											
		103.15-103.28- Quartz vein, pinkish hue, barren.											
		103.56-103.72- As per interval 33.93-35.40											
		104.35-104.36- Quartz vein, pinkish hue, barren.											
		104.56-104.59- Quartz vein- pinkish hue, barren.											
		104.66-104.70- Quartz vein, pinkish hue, barren.											
		104.75-104.77- Quartz vein, pinkish hue, barren.											
		104.80-104.81- Quartz vein, pinkish hue, barren.											
		104.82-104.85- Quartz vein, pinkish hue, barren.											
		110.16-110.23- Quartz vein, pinkish hue, barren.											
		110.95-111.12- Quartz vein, white, barren.											
		112.78-113.14- Pegmatite dyke mainly composed of 2cm potassium feldspar followed my 5-10mm plagioclase and quartz.											

METALCORP

Drillhole No: HEGZ10-23 | **Azimuth: 180** | **Easting: 5388089**
Project: Gouda Lake | **Dip: -65** | **Northing: 593663**
Date Collared: 1-NOV-10 | **Length: 158.50m** | **Logged By: Peterson**
Date Complete: 2-NOV-10 | **Elevation: 397m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		128.60-128.94- Feldspar porphyry- mainly composed of 1-2mm subhedral plagioclase (~50%) with lesser amounts of 1mm amphibole in a quartz groundmass. Very weakly developed foliation typically perpendicular to core axis.											
129.86	**146.26**	**Gouda Horizon - Biotite Sericite Muscovite/White Mica Schist**	E562664	129.86	131.50								
		Generally alternating brown & cream colour layers with several light green layers. Medium grained (1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, layering 1 every 3-20mm. Localized sections of silica flooded rock that displays poor to no compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Localized section of friable schist with talc on fracture surfaces (soapy feel), easily fractures on foliation planes. Pyrite typically trace-5% occurring as fine 1mm cubes, except for localized "sulphide zone" where pyrite ~55-75% , ~10-15% sphalerite and localized trace - 5% pyrrhotite.											
		129.86-131.24- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement).	E562665	131.50	133.00								
		134.29-134.38- Quartz vein, white, barren.	E562666	133.00	134.50								
		135.11-135.18- Quartz vein, white, barren.											
		137.97-139.50- 5-10% Pyrite as 1mm stringers along foliation.											
		139.50-140.20- Section of friable schist, easily fractures along foliation planes, soapy feeling fracture surfaces. Short few cm section of "gouge-like" material (similar in consistency but not from shearing). ~5% Fine disseminated pyrite cubes.	E562667	BLANK									
		141.85- 146.26- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement).											
		143.14-143.29- Sulphide Zone- ~65% occurring as 2-5mm blebs. Sphalerite as scattered 1-2mm blebs ~10%.	E562668	134.50	136.00								
		144.25-145.25- 55-75% 1-3mm Pyrite veinlets along foliation planes with ~10% sphalerite and trace fine pyrrhotite.	E562669	136.00	137.50								
		124.28-124.63- ~80% Coarse pyrite, 5-15mm anhedral cubes with 2-5% pyrrhotite.	E562670	137.50	139.00								
			E562671	139.00	140.50								
			E562672	140.50	142.00								

METALCORP

Drillhole No: HEGZ10-23 | **Azimuth: 180** | **Easting: 5388089**
Project: Gouda Lake | **Dip: -65** | **Northing: 593663**
Date Collared: 1-NOV-10 | **Length: 158.50m** | **Logged By: Peterson**
Date Complete: 2-NOV-10 | **Elevation: 397m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		146.08-146.15 - Section of ~30% pyrrhotite as stringers and veinlets with ~45% 5-10mm pyrite blebs, ~5% 1-2mm sphalerite.	E562673	142.00	143.00								
146.26	**157.29**	**schistose to gneissose biotite quartzofeldspathic rock**	E562674	143.00	144.50								
		Well foliated. Generally dark green to brown, very fine grained to aphanitic (silica flooded), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains and biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations and scattered stringers.											
157.29	**158.50**	**Biotite-Amphibolite**	E562675	144.50	146.26								
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Locally layers are ptygmatically folded. Localized sections of discontinuous layers. Approximately 70-75% 1mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1mm blebs.											
	158.50	**EOH**											

METALCORP

Drillhole No: HEGZ10-24 | **Azimuth: 180** | **Easting: 5388084**
Project: Gouda Lake | **Dip: -65** | **Northing: 593588**
Date Collared: 2-NOV-10 | **Length: 161.55m** | **Logged By: Peterson**
Date Complete: 3-NOV-10 | **Elevation: 402m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	136.98	**schistose to gneissose biotite quartzofeldspathic rock**											
		Well foliated. Generally dark green to brown, very fine grained to fine grained, mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue; biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized											
		2.51-2.85- Feldspar porphyry- grey, mainly composed of 2-4mm subhedral plagioclase with lesser amounts of quartz and hornblende, well developed foliation typically perpendicular to core axis.											
		6.09-6.12- Quartz vein, pinkish hue, barren.											
		15.24-15.30- Quartz vein, pinkish hue, barren.											
		16.57-16.93- Feldspar porphyry- mainly composed of 1mm subhedral plagioclase with lesser amounts of 2mm amphibole and 1-3mm quartz, weakly developed foliation.											
		25.05-25.97- Increase in pyrite, ~3-5% as 1cm veinlets and 3-10mm blebs and cubes around quartz veins.	E562676	25.05	25.97								
		25.21-25.27- Quartz vein, pinkish hue, generally perpendicular to core axis, ~2% fine pyrite.											
		57.68-57.70- Quartz vein, pinkish hue, generally perpendicular to core axis.											
		25.63-25.87- Quartz vein, pinkish hue, generally perpendicular to core axis, 2-3% 3-5mm blebs of pyrite and a 7mm bleb of molybdenite.											
		27.43-27.55- Section of pervasive potassium enrichment with epidote altered veins and stringers.											

Drillhole No: HEGZ10-24	**Azimuth: 180**	**Easting: 5388084**
Project: Gouda Lake	**Dip: -65**	**Northing: 593588**
Date Collared: 2-NOV-10	**Length: 161.55m**	**Logged By: Peterson**
Date Complete: 3-NOV-10	**Elevation: 402m**	**Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		30.10-30.58- Feldspar porphyry- mainly composed of 1mm subhedral plagioclase with lesser amounts of 2mm amphibole and 1-3mm quartz, weakly developed foliation.											
		31.48-31.53- Quartz vein, pinkish hue, barren.											
		33.53-33.56- Quartz vein, pinkish hue, barren.											
		33.59-33.60- Quartz vein, pinkish hue, barren.											
		33.64-33.70- Quartz vein, pinkish hue, barren.											
		34.56-35.22- Feldspar porphyry- mainly composed of 2-4mm subhedral plagioclase and potassium feldspar with lesser amounts of 2mm amphibole in a quartz groundmass, weakly developed foliation.											
		35.53-40.42- As per interval 34.56-35.22											
		40.46-40.83- As per interval 34.56-35.22											
		41.49-43.30- As per interval 34.56-35.22											
		44.40-44.47- As per interval 34.56-35.22											
		44.61-44.75- As per interval 34.56-35.22											
		46.80-46.91- Quartz vein, pinkish hue, barren.											
		53.32-53.38- Quartz vein, pinkish hue, barren, 25% 3-5mm epidote filled vugs.											
		53.40-53.60- Quartz vein, pinkish hue, barren, 25 degrees to core axis.											
		54.20-54.22- Quartz vein, pinkish hue, barren.											
		66.40-66.42- Quartz vein, pinkish hue, trace pyrite.											
		66.57-66.60- Quartz vein, pinkish hue, trace fine pyrite.											
		66.62-66.63- Quartz vein- pinkish hue, trace fine pyrite.											
		66.90-66.94 - Quartz vein, pinkish hue, trace pyrite.											
		68.64-68.65 - Quartz vein, pinkish hue, barren.											
		68.73-68.77- Quartz vein, pinkish hue, barren.											
		68.81-68.82- Quartz vein, pinkish hue, barren.											
		68.86-68.87- Quartz vein, pinkish hue, barren.											
		71.25-71.30- Quartz vein, pinkish hue, barren.											
		72.60-72.65- Quartz vein, pinkish hue, barren.											
		72.75-72.79- Quartz vein, white, barren.											
		72.85-72.92- Quartz vein, pinkish hue, trace pyrite.											
		73.23-73.28- Pegmatite dyke- mainly composed of 2cm potassium feldspar followed my 5-10mm plagioclase and quartz, 8mm long amphibole and trace pyrite.											
		78.58-78.61- Quartz vein, pinkish hue, barren.											

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		78.77-78.79- Quartz vein, pinkish hue, barren.											
		80.33-81.22- Intermediate intrusion, medium grained, grey, not foliated, equigranular, mainly composed of plagioclase followed by lesser amounts amphibole and quartz.											
		85.81-85.95- Feldspar porphyry- mainly composed of 2-3mm subhedral plagioclase with lesser amounts of 1mm amphibole in a quartz groundmass. Very weakly developed foliation typically perpendicular to core axis.											
		86.27-86.89- As per interval 85.81-85.95											
		88.88-89.10- Quartz vein, pinkish hue, barren.											
		90.00-90.04- Quartz vein, pinkish hue, barren.											
		91.95-92.40- As per interval 85.81-85.95											
		94.76-95.39- As per interval 85.81-85.95											
		97.37-100.05- Silica flooded biotite- sericite schist, well developed foliation, poorly developed layering, bleached and fine grained to aphanitic (microcrystalline replacement).											
		102.29- 102.46- Pegmatite dyke- mainly composed of 2cm plagioclase and quartz, a 3cm garnet and trace pyrite.											
		102.46-103.08- Intermediate intrusion- mainly composed of 1mm subhedral amphibole and plagioclase in a quartz groundmass. Well developed foliation.											
		113.17-113.40- Pervasive potassium enrichment with epidote altered veinlets.											
		115.92-116.92- Intermittent potassium enrichment of leucocratic minerals, layering alternates from black to salmon pink.											
		124.40-124.51- Section of 5-10% pyrite as fine 1-2mm stringers along foliation @ 85 degrees to core axis.											
		131.19-131.15- Quartz vein, white, trace 10 1% fine pyrite and trace fine galena.											
		131.65-131.15- Quartz vein, white, ~3% 1-3mm pyrite blebs.											
136.98	**156.06**	**Gouda Horizon - Sericitized Biotite Muscovite/White Mica Schist**	E562649	136.98	138.50								

Drillhole No: HEGZ10-24 | **Azimuth: 180** | **Easting: 5388084**
Project: Gouda Lake | **Dip: -65** | **Northing: 593588**
Date Collared: 2-NOV-10 | **Length: 161.55m** | **Logged By: Peterson**
Date Complete: 3-NOV-10 | **Elevation: 402m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Generally alternating brown & cream colour layers with several light green layers. Medium grained (1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, layering 1 every 3-20mm. Localized sections of silica flooded rock that displays poor to no compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Localized section of friable schist with talc on fracture surfaces (soapy feel), easily fractures on foliation planes. Pyrite typically trace-5% occurring as fine 1mm cubes, except for localized "sulphide zone" where pyrite ~70% , ~10-15% sphalerite and localized trace - 5% pyrrhotite.											
		137.26-138.44- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement).	E562650	138.50	140.00								
		144.25-145.20- Intermediate intrusion- dark grey, fine to medium grained, not foliated, quartz rich, 20-30% amphibole, 3-5% 5mm epidote clots, 10-15% 1-3mm pyrite blebs.	E562651	140.00	141.50								
		146.40-148.50- As per interval 137.26-138.44	E562652	141.50	143.00								
		139.50-140.20- Section of friable schist, easily fractures along foliation planes, soapy feeling fracture surfaces. Short few cm section of "gouge-like" material. ~25% Fine disseminated pyrite cubes.	E562653	143.00	144.50								
		144.25-145.25- 55-75% 1-3mm Pyrite veinlets along foliation planes	E562654	144.50	146.00								
			E562655	146.00	147.50								
			E562656	BLANK									
		147.16-147.27- Quartz vein, white, 3-5% 1-3mm pyrite blebs.	E562657	147.50	149.00								
		149.56-153.29- Sulphide Zone- ~75-95% coarse pyrite. Trace to 3% sphalerite as scattered 1-2mm blebs, ~5% pyrrhotite, trace galena and trace chalcopyrite.	E562658	149.00	150.50								
			E562659	150.50	152.00								
			E562660	152.00	153.50								
			E562661	153.50	155.00								
			E562662	155.00	156.06								
			E562663	156.06	156.61								
156.06	**161.54**	**schistose to gneissose biotite quartzofeldspathic rock**											

METALCORP

Drillhole No: HEGZ10-24 | **Azimuth: 180** | **Easting: 5388084**
Project: Gouda Lake | **Dip: -65** | **Northing: 593588**
Date Collared: 2-NOV-10 | **Length: 161.55m** | **Logged By: Peterson**
Date Complete: 3-NOV-10 | **Elevation: 402m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated. Generally dark green to brown, very fine grained to aphanitic (silica flooded), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains and biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations and scattered stringers.											
		156.06-157.15- Silica flooded section- bleached, aphanitic (microcrystalline replacement).											
	161.54	**EOH**											

METALCORP

Drillhole No: HEGZ10-25 | **Azimuth: 180** | **Easting: 593504**
Project: Gouda Lake | **Dip: -65** | **Northing: 5388083**
Date Collared: 3-NOV-10 | **Length: 173.74m** | **Logged By: Flasha**
Date Complete: 4-NOV-10 | **Elevation: 405m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	27.23	**Diabase Dyke**											
		fine to medium-grained; not foliated, moderately to strongly magnetic; more porphyritic texture, white mineral porphyroblasts, plagioclase?; medium-blue colouration; 1cm pxn veinlets cross cut dyke 10 degree to CA											
		7.40 2cm veinlet of quartz and epidote, 30 degrees to CA; PHOTO											
		bottom contact 33 deg to CA											
27.23	136.89	**schistose to gneissose biotite quartzofeldspathic rock**						tr-1%					
		Well foliated. Generally dark green to brown, very fine grained to aphanitic (silica flooded), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains and biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations and scattered stringers.											
		very chloritic with light epidote and kspar colouration (light pink and green hues to rock); very poor to no compositional layering; tr-1% diss py; mm-scale layering when present											
		27.39 13cm white quartz vein											
		27.52 - 27.90 mafic dyke, see description for 0-27.23m; very irregular contact											
		27.90 - 28.04 feldspar porphyry; fine-to medium-grained, also has k-spar and epidote light greenand pink colouration as seen in host rock; contact along foliation					80						
		31.36 - 39.46 feldspar porphyry; fine to medium-grained with coarser feldspars, poorly foliated; strong potassic (?) alteration and epidote until 36.58m; tr - 1% py						tr-1%					
		33.54 - 33.89 very irregular white quartz vein, (only 11cm of this interval is wholy quartz, rest cuts in and out); epidote and K-feldspar concentrate along the contacts											
		33.99 - 34.12 mafic dyke; contact at 30 to CA; very fine-grained											
		39.46 - 39.77 mafic dyke, very fine-grained; contact 15 degrees to CA											
		45.80 foliation					89						
		45.50 - 49.88 nine 1-2cm whit equartz veins with an enrichment of epidote along the contacts with locally associated pyrite (medium-grained cubes)											
		51.80 foliation					82						

METALCORP

Drillhole No: HEGZ10-25 | **Azimuth: 180** | **Easting: 593504**
Project: Gouda Lake | **Dip: -65** | **Northing: 5388083**
Date Collared: 3-NOV-10 | **Length: 173.74m** | **Logged By: Flasha**
Date Complete: 4-NOV-10 | **Elevation: 405m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		58.54 foliation					79						
		58.95 2cm of coarse-grained quartz + feldspar with a 1.5cm smear of pyrite; the zone is bordered by coarse-grained amphibole											
		63.78 - 70.19 light lime green undertones to all of the felsic crystals through this zone; epidote alteration? Includes fine- to medium-grained disseminated spidote throughout, up to 20%											
		68.74 - 68.81 white quartz vein											
		69.46 very fine-grained creamy-roase quartz with 2% py along the contact edges (width?)											
		70.05 foliation					88						
		71.54 5cm coarse grained quartz (and feldspar?) vein; along foliation plane											
		73.34 - 75.50 fine- to medium-grained poorly foliated granodiorite - diorite											
		79.15 - 82.29 more massive/homogeneous zone (no compositional layering); still well foliated											
		82.29 - 82.96 quartz feldspar porphyry; fine-medium grained											
		89.61 - 90.14 quartz feldspar porphyry; fine-grained											
		91.70 6cm white quartz vein along foliation											
		92.41 - 98.73 light to medium-grey, very fine-grained cherty-siliceous zone with mm-scale alternating micaceous layers (sericite or fine-muscovite with quartz); PHOTO											
		92.68 - 93.33 quartz feldspar porphyry											
		94.30 foliation					80						
		94.12 9cm quartz vein, white with seams of amphibole											
		101.08 - 101.36 quartz feldspar porphyry, potassically altered?pink-red colouration											
		109.03 foliation					82						
		116.41 - 116.71 pocky texture											
		126.05 - 126.37 irregular-discordant white quartz veins with K-feldspar along the edges; includes seams of amphibole and trace blebs of plagioclase and feldspar											
		131.39 - 133.02 this section has medium-grained feldspar crystals, round, not flattened --> poorly foliated section, with only very weak layering											
136.89	**147.90**	**Biotite Amphibolite**											

Drillhole No: HEGZ10-25 | **Azimuth: 180** | **Easting: 593504**
Project: Gouda Lake | **Dip: -65** | **Northing: 5388083**
Date Collared: 3-NOV-10 | **Length: 173.74m** | **Logged By: Flasha**
Date Complete: 4-NOV-10 | **Elevation: 405m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		fine-grained well foliated <10% quartz and plag, <10% biotite and >80% amphibole (mainly hornblende - acicular grains observed); poor compositional layering; includes a few mm-scale epidote layers which contain up to 5% py; dark green colouring mottled with a dark coppery brown and black; tr-1% diss py											
		137.20 foliation					70						
		140.57 foliated medium-grained dyke, intermediate composition with cross-cutting epidote veinlets; 2% diss py;											
		145.90 foliation					80						
		147.02 - 147.38 foliated fine to medium-grained quartz feldspar porphyry											
147.90	**161.49**	**Gouda Horizon - Sericitized biotite muscovite/white mica schist**											
		well-foliated, fine to very fine-grained (sericitic) schistose rock, composed predominantly of muscovite and biotite and phlogopite(?) with fine-grained quartz, local medium- to fine-grained lens-shaped quartz eyes and zones locally rich in talc; mm- to cm-scale compositional layering is present although not present throughout the unit; rare to tr pyrite; light- to medium-grey colouration is typical											
		152.5 foliation					77						
		#559667 epidote stringers with associated pyrite	E559667	147.9	149.35	1.45							
		#559668 massive light to medium-grey muscovite with rare to trace pyrite	E559668	149.35	150.88	1.53							
		#559669 cm-scale layering alternating between purplegrey colour and green-grey muscovite-rich layers; trace to 1% py, fine- to medium-grained; mm-scale lens shaped quartz	E559669	150.88	152.4	1.52							
		#559670 same as above; includes mm-scale layers of pyrite up to 2%	E559670	152.4	153.9	1.5							
			E559671	BLANK									
		#559672 same as above; 154.04 three 1cm quartz veins with biotite rims and 2% py, over 8 cm	E559672	153.9	155.28	1.38							
		#559673 biotite-rich zone with 1-5% py, fine- to medium-grained, cubic; biotite coarse-grained locally	E559673	155.28	156.73	1.45							
		158.50 foliation	E559674	156.73	158.21	1.48	84						
		#559674 overall green hue to this sample; 1-2% py	E559675	158.21	159.45	1.24							
		#559675 very light greymassive section with 1-2% fine-grained pyrite	E559676	159.45	160.49	1.04							
		#559676 crumbly-friable talc-rich; fine layers of pyrite, 5%	E559677	160.49	161.81	1.32							
		#559677 competant schist; very fine-grained quartz with pink hue; rare to trace fine pyrite; 161.49 - 161.81 dyke contact area with cm blebs of pyrite	E559678	161.81	163.2	1.39							

METALCORP

Drillhole No: HEGZ10-25 | **Azimuth: 180** | **Easting: 593504**
Project: Gouda Lake | **Dip: -65** | **Northing: 5388083**
Date Collared: 3-NOV-10 | **Length: 173.74m** | **Logged By: Flasha**
Date Complete: 4-NOV-10 | **Elevation: 405m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
161.49	**167.57**	**Diabase Dyke**											
		coarser grained at the contact, and pyritic with up to 10% py cubes; by 163.97 it is very fine-grained with tr-5% py throughout											
		Upper contact					60						
		Bottom contact					40						
167.57	**173.34**	**Schistose Gneissose Biotite Quartzofeldspathic rock**											
		1-2% pyrite											
		last 70cm of the hole have jasper? Mineral with a very strong red-orange colour											
		173.25 foliation					80						
	173.34	**EOH**											

METALCORP

Drillhole No: HEGZ10-26 | **Azimuth: 180** | **Easting: 5388145**
Project: Gouda Lake | **Dip: -65** | **Northing: 593446**
Date Collared: 4-NOV-10 | **Length: 216.41m** | **Logged By: Peterson**
Date Complete: 6-NOV-10 | **Elevation: 407m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	17.44	**Poker Chip Volcanics - mafic lapilli tuff**											
		Variably sized plagioclase rich lapilli in a very fine grained amphibolite. Lapilli vary in size and shape from 3-20mm, from well rounded to flattened, typically composed of plagioclase aligned along foliation planes. Amphibolite is very dark green to black, very fine grained to aphanitic with well developed foliation on a millimetre scale typically perpendicular to core axis. No visible mineralization. Some sections lapilli are absent											
		15.92-15.96- Quartz vein, pinkish hue, barren.											
17.44	30.80	**Biotite- Amphibolite**											
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Localized sections of discontinuous layers. Approximately 70-75% 1mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1mm blebs											
		Foliation @ 23.00					55						
		24.21-25.05- Feldspar porphyry- mainly composed of 3-5mm subhedral plagioclase with lesser amounts of 2mm amphibole and 1-3mm quartz, weakly developed foliation.											
		25.09-25.40- Intermediate intrusion- fine to medium grained, not foliated, equigranular, mainly composed of plagioclase with lesser amounts of amphibole and quartz.											
		foliation @ 28.00					65						
		30.64- 1mm blebs of molybdenite with 1-3mm blebs of pyrite.											
30.80	187.30	**schistose to gneissose biotite quartzofeldspathic rock**											

Drillhole No: HEGZ10-26	Azimuth: 180	Easting: 5388145
Project: Gouda Lake	Dip: -65	Northing: 593446
Date Collared: 4-NOV-10	Length: 216.41m	Logged By: Peterson
Date Complete: 6-NOV-10	Elevation: 407m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated. Generally dark green to brown, fine grained (1-0.1mm), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Amphibole crystals generally sub to euhedral, plagioclase & quartz crystals sub to anhedral. Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Localized sections of weakly developed compositional layering are typically relatively silica flooded (bleached, fine grained to aphanitic, very hard, steel comes off knife blade). Layering in these sections in on a millimetre scale, typically 1 every 3-5mm. Several feldspar porphyry intrusions (tbd-to be described). Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains, epidote as a few scattered stringers and blebs usually associated with potassium feldspar enrichment which are characterized by an increase in the proportion of leucocratic minerals, including potassium feldspar giving the ground mass a pale orange to salmon pink hue, localized sections where 3-5mm anhedral red/brown garnets present; biotite may also be present in some of the more mafic-											
		31.88-31.93- Quartz vein, pinkish hue, generally perpendicular to core axis, barren.											
		32.59-32.70- As per interval 24.21-25.05											
		37.65-37.81- Quartz vein, pinkish hue, barren.											
		37.95-37.99- Quartz vein, pinkish hue, barren.											
		40.48-40.51- Quartz vein, pinkish hue, barren.											
		40.77-40.81- Quartz vein, pinkish hue, barren.											
		40.94-40.97- Quartz vein, pinkish hue, barren.											
		41.07-41.08- Quartz vein, pinkish hue, barren.											
		41.10-41.12- Quartz vein, pinkish hue, barren.											
		41.26-41.29- Quartz vein, pinkish hue, barren.											
		41.60-41.62- Quartz vein, pinkish hue, barren.											
		41.70-41.73- Quartz vein, pinkish hue, barren.											
		41.85-41.87- Quartz vein, pinkish hue, barren.											
		42.13-42.22- Quartz vein, pinkish hue, barren.											
		42.26-42.32- Quartz vein, pinkish hue, barren.											
		43.57-44.29- Garnet bearing biotite-muscovite schist- medium grained, well developed foliation typically perpendicular to core axis on a millimetre scale. ~3% 3-5mm anhedral red/brown garnets.											
		48.80-48.84- Quartz vein, pinkish hue, barren.											
		49.90-49.99- Quartz vein, pinkish hue, trace fine pyrite.											

METALCORP

Drillhole No: HEGZ10-26 | **Azimuth: 180** | **Easting: 5388145**
Project: Gouda Lake | **Dip: -65** | **Northing: 593446**
Date Collared: 4-NOV-10 | **Length: 216.41m** | **Logged By: Peterson**
Date Complete: 6-NOV-10 | **Elevation: 407m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		51.13-51.16- Quartz vein, pinkish hue, barren.											
		51.46-51.64- Feldspar porphyry- grey, mainly composed of 3-5mm subhedral plagioclase with lesser amounts of 1mm subhedral amphibole in a quartz groundmass.											
		51.82-52.05- Section of ~5% 1mm pyrite stringers typically perpendicular to core axis along foliation planes (70 degrees tca).											
		52.84-52.86- Quartz vein, pinkish hue, barren.											
		56.27-57.15- Silica flooded section, bleached light grey and pale purple, very fine grained to aphanitic (microcrystalline replacement), 1-3% fine scattered pyrite stringers.											
		62.68-62.98- Feldspar porphyry- mainly composed of 1-3mm subhedral plagioclase and potassium feldspar with ~25% 1mm amphibole in a quartz groundmass, weakly developed foliation typically perpendicular to core axis.											
		62.50-69.95- Quartz vein with sinuous potassium alteration, vein parallel to core axis with several 3-12mm vugs, trace 1mm pyrite.											
		69.22-75.99- As per 62.68-62.98 with the exception of weak potassic alteration of leucocratic minerals near the top of the intrusion-diminishes down hole.											
		76.89-76.95- As per 62.68-62.98											
		77.03-77.08- As per 62.68-62.98											
		77.29-77.45- As per 62.68-62.98											
		81.27-81.30- Quartz vein, pinkish hue, barren.											
		82.45-82.47- Quartz vein, pinkish hue, barren.											
		84.30-84.60- Epidote alteration of leucocratic layers, colour alternates from pistachio green to black.											
		89.70-89.86- Intermediate intrusion- light salmon pink colour, mainly composed of 1mm plagioclase and amphibole in a potassium enriched quartz groundmass.											
		80.33-81.22- Intermediate intrusion, medium grained, grey, not foliated, equigranular, mainly composed of plagioclase followed by lesser amounts amphibole and quartz.											
		89.41-89.45- Quartz vein, pinkish hue, barren.											
		Foliation @ 97.54					87						
		Foliation @ 100.58					88						
		109.35-109.37- Quartz vein, pinkish hue, barren.											
		107.22-107.26- Quartz vein, pinkish hue, barren.											
		110.30-110.35- Quartz vein, pinkish hue, barren.											
		110.70-110.73- Quartz vein, pinkish hue, barren.											

Drillhole No: HEGZ10-26 | **Azimuth: 180** | **Easting: 5388145**
Project: Gouda Lake | **Dip: -65** | **Northing: 593446**
Date Collared: 4-NOV-10 | **Length: 216.41m** | **Logged By: Peterson**
Date Complete: 6-NOV-10 | **Elevation: 407m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		111.31-111.41- Intermediate intrusion- mainly composed of 1mm subhedral amphibole and plagioclase in a quartz groundmass. Well developed foliation.											
		111.85-112.17- As per interval 111.31-111.41											
		112.65-112.85- As per interval 111.31-111.41											
		113.00-113.31- As per interval 111.31-111.41											
		114.37-114.44- Pegmatite dyke- mainly composed of 2cm plagioclase and quartz, a 3cm garnet and trace pyrite.											
		116.97-117.27- Quartz vein, white, barren.											
		121.32-121.98- As per interval 62.68-62.98											
		125.66-126.33- Feldspar porphyry- mainly composed of 1-3mm subhedral plagioclase with lesser amounts of 1mm amphibole in a quartz groundmass. Very weakly developed foliation typically perpendicular to core axis.											
		127.06-127.09- Quartz vein, pinkish hue, barren.											
		127.13-127.19- Quartz vein, pinkish hue, barren.											
		127.21-127.24- Quartz vein, pinkish hue, barren.											
		127.40-127.55- Quartz vein, pinkish hue, barren.											
		128.53-135.20- Silica flooded biotite-sericite schist, well developed foliation, poorly developed layering, bleached and fine grained to aphanitic (microcrystalline replacement).											
		134.32-134.95- Feldspar porphyry- mainly composed of 2-3mm subhedral plagioclase with lesser amounts of 1mm amphibole in a quartz groundmass. Very weakly developed foliation typically perpendicular to core axis.											
		135.57-135.66- Quartz vein, white, barren.											
		135.68-135.70- Quartz vein, white, barren.											
		136.43-136.48- Quartz vein, white, barren.											
		136.49-136.60- As per interval 134.32-134.95											
		137.65-138.15- As per interval 134.32-134.95											
		Feldspar porphyry- mainly composed of 2-4mm subhedral plagioclase and potassium feldspar with lesser amounts of 1mm amphibole in a quartz groundmass, well developed foliation typically perpendicular to core axis.											
		156.68-158.89- Mafic dyke- dark green to black, very fine grained to fine grained, mainly composed of amphibole with lesser amounts of plagioclase, typically magnetic.											
		165.41-166.90- As per interval 156.68-158.89											

Drillhole No: HEGZ10-26	Azimuth: 180	Easting: 5388145
Project: Gouda Lake	Dip: -65	Northing: 593446
Date Collared: 4-NOV-10	Length: 216.41m	Logged By: Peterson
Date Complete: 6-NOV-10	Elevation: 407m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		184.59-184.95- Feldspar porphyry- mainly composed of 2-4mm subhedral potassium feldspar and plagioclase with lesser amounts of 1mm amphibole in a quartz ground mass. Well developed foliation typically perpendicular to core axis.											
		185.40-187.30- Intermediate intrusion- mainly composed of 1mm subhedral amphibole with lesser amounts of plagioclase in a quartz groundmass. Well developed foliation typically perpendicular to core axis.											
187.30	**198.90**	**Gouda Horizon - Sericitized biotite muscovite/white mica schist**											
		Generally alternating brown & cream colour layers with several light green layers. Medium grained (1-4mm), well developed foliation generally perpendicular to core axis, foliation planes on the order of 1 every mm. Well developed compositional layering, layering 1 every 3-20mm. Localized sections of silica flooded rock that displays poor to no compositional layering, fine grained to aphanitic (microcrystalline replacement), very hard and bleached in appearance. Pyrite typically trace-5% occurring as fine 1mm cubes and 1-3mm stringers along foliation planes, locally as high as 25%.											
		190.83-190.88- Biotite gouge section.											
		191.70-192.30- Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement). 3-5% Fine pyrite.	E562683	187.30	188.75								
		192.59-193.30- Intermediate intrusion- medium grained, salt and pepper coloured, mainly composed of plagioclase and quartz, 20-30% amphibole, ~25% 5mm epidote clots, ~25% 1-3mm pyrite blebs.	E562684	188.75	190.25								
			E562685	190.25	191.75								
			E562686	191.75	193.25								
			E562687	193.25	194.75								
			E562688	194.75	196.25								
			E562689	196.25	197.75								
		Silica flooded section of bleached, poorly developed to no compositional layering. Crystals very fine grained to aphanitic (microcrystalline replacement).	E562690	197.75	198.90								
198.90	**215.64**	**Diabase Dyke**											
		Dark green to black, very fine grained to fine grained, mainly composed of amphibole with lesser amounts of plagioclase, typically magnetic, several scattered, barren quartz carbonate veins/veinlets.											
215.64	**216.41**	**schistose to gneissose biotite quartzofeldspathic rock**											

METALCORP

Drillhole No: HEGZ10-26 | **Azimuth: 180** | **Easting: 5388145**
Project: Gouda Lake | **Dip: -65** | **Northing: 593446**
Date Collared: 4-NOV-10 | **Length: 216.41m** | **Logged By: Peterson**
Date Complete: 6-NOV-10 | **Elevation: 407m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Well foliated. Generally dark green to brown, very fine grained to aphanitic (silica flooded), mainly composed of amphibole(~65%) with lesser amounts of plagioclase and quartz (35% &15% respectively). Foliation planes on the order of 1 every mm generally lie perpendicular to core axis. Accessory minerals include: sphene-generally present throughout unit as very fine disseminated beige/pinkish grains and biotite may also be present in some of the more mafic-rich compositional layers. Trace pyrite occurs in localized sections mainly as fine disseminations and scattered stringers.											
	216.41	**EOH**											

METALCORP

Drillhole No: HEGZ10-27 | **Azimuth: 180** | **Easting: 593499**
Project: Gouda Lake | **Dip: -55** | **Northing: 5388082**
Date Collared: 6-NOV-10 | **Length: 170.69m** | **Logged By: Flasha**
Date Complete: 7-NOV-10 | **Elevation: 405m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	22.70	**Mafic Dyke; Diabase**											
		fine-grained; amphibole, pyroxene, magnetite, with tr- rare pyrite and medium-grained epidote(?) at the top of the dyke, so overall porphyritic texture, alower portion of the hole is amphanitic; lower contact in broken pieces so no contact angle can be measured											
22.70	147.09	**schistose to gneissose biotite quartzofeldspathic rock**											
		biotite (~10%), plagioclase and quartz (~40%), amphibole (~50%); fine-grained, well foliated; mm-scale poor discontinuous compositional layering (alternating more amph+bi- vs. quartz+plag-rich); pyrite is disseminated and foliated, found along foliation planes; tr-2% disseminated beige-coloured sphene typically observed throughout the unit											
		22.85 - 23.14 mafic dyke, same as 0-22.70m; top contact at 45 to CA; bottom contact irregular but approx 90 to the CA											
		22.70 - 28.79 epidote (?) altered; the core has an unusual light-to medium-grey and green hue and green coloured felsics (quartzofeldspathic)					80						
		25.31- 25.75 mafic dyke, similar to that seen at 22.85 - 23.14m; contact 30 to CA											
		28.20 - 28.39 feldspar porphyry											
		28.79 - 29.35 mafic dyke; same as 0-22.70m											
		32.11 - 39.84 foliated coarse grained qtz feldspar porphyry; contact parallel to the foliation angle; some clasts are cubes?											
		32.70 - 33.20 white quartz vein											
		33.29 - 33.79 white quartz vein cutting half of the core ; some 'pinking' (Kspar alteration?) along the edges of the vein											
		45.50 foliation					72						
		50.02 coarse grained py blebs with plagioclase and biotite; 1cm wide zone											
		56.34 white quartz vein with blebs of py along the contacts, with medium grained amph, bi and plagioclase											
		57.20 foliation					81						
		59.95 white quartz vein with blebs of py along the contacts, with medium grained amph, bi and plagioclase											

METALCORP

Drillhole No: HEGZ10-27 | **Azimuth: 180** | **Easting: 593499**
Project: Gouda Lake | **Dip: -55** | **Northing: 5388082**
Date Collared: 6-NOV-10 | **Length: 170.69m** | **Logged By: Flasha**
Date Complete: 7-NOV-10 | **Elevation: 405m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		63.10 foliation					82						
		67.79 2cm white quartz vein; irregular contact; includes one coarse-grained bleb of py											
		69.82- 72.65 very fine-grained zone, no layering (massive)											
		73.45 - 73.99 same as 69.82 - 72.65m											
		74.36 - 75.69 fine to medium-grained granite; poorly foliated; contact parallel to the foliation angle; unit almost looks clastic with medium-grained 'sand' with plagioclase crystals and very fine biotite											
		75.69 - 77.55 same as 69.82 - 72.65m					65						
		81.78 - 6cm smoky purple clear quartz vein with fin-grained amphibole crystals											
		82.52 - 83.09 quartz feldspar porphyry; poorly foliated											
		86,00 foliation					80						
		87.00 - 88.18 broken core; more massive (homogeneous) at this point, no compositional layering											
		88.18 - 90.63 poor compositional layering, mm- cm-scale layers											
		90.63 - 91.36 fine-grained qtz feldspar porphyry; top 20cm lack texture as it is highly epidote and K-spar(?) altered					83						
		93.20 - 99.58 very fine-grained medium grey cherty qtz zone with mm-scale compositional layering, alternating between white and medium-grey; silicified?											
		93.72 - 94.37 medium grained quartz feldspar porphyry											
		96.00 foliation					89						
		99.58 - 114.72 light pink and light green hue to the rocks here; potassic alteration? Includes local veinlets of epidote and kspar (bright orange-pink colour) cross-cutting the foliation											
		101.17 - 101.40 medium-grained quartz feldspar porphyry cut by kspar veinlets											
		109.36 - 110.51 medium-grained quartz <<biotite + amphibole intrusive?; poorly foliated; tr epidote crystals											
		112.40 foliation					83						
		114.72 - 118.16 more amphibole-rich zone with less quartz and plagioclase; possibly sheared? The foliation planes are messy and irregular (more of a wavy texture); mm-scale layering; dark and light green in colour											

Drillhole No: HEGZ10-27	Azimuth: 180	Easting: 593499
Project: Gouda Lake	Dip: -55	Northing: 5388082
Date Collared: 6-NOV-10	Length: 170.69m	Logged By: Flasha
Date Complete: 7-NOV-10	Elevation: 405m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		118.16 - 118.46 qtz feldspar porphyry											
		112.56 - 125.83 creamy dark green alteration --> smears and hides the textures inconsistently throughout; chloritic? Rock is very competant (silicified?); very fine-grained; almost cherty											
		125.0 foliation					89						
		126.00 - 126.10 pyrite-biotite zone, with up to 15% py						<15%					
		122.56 - 136.80 creamy green colouration; cherty in sections (very fine-grained siliceous sections) with textures completely destroyed											
		127.22 - 136.80 all mm-scale layering											
		129.59 - 134.49 medium-grained feldspar eyes; also more biotite rich (30-40%)					90						
		137.20m foliation					77						
		140.26 - 140.64 white and grey quartz zone, fine-grained, with 1% hbl (acicular crystals); 20% feldspar (fine-grained)											
		143.02 - 143.34 fine-grained foliated biotite granite; medium-grey colour; 1-2% py						1-2%					
		143.40m foliation					70						
		146.04 - 146.41 foliated quartz feldspar porphyry											
		146.41 - 147.09 more amphibole rich and also garnet bearing (rare; medium-coarse grained); locally up to 10% py						<10%					
147.09	**166.25**	**Gouda Horizon - Sericitized biotite muscovite/white mica schist**											
		well-foliated, fine to very fine-grained (sericitic) schistose rock, composed predominantly of muscovite and biotite and phlogopite(?) with fine-grained quartz, local medium- to fine-grained lens-shaped quartz eyes and zones locally rich in talc; mm- to cm-scale compositional layering is present although not present throughout the unit; rare to tr pyrite											
		#559700 up to 20% sulphides for the first 11cm, equal amounts of po and py; py concentrates with biotite and muscovite layers (mm-scale), between cm-scale fine-grained quartz-rich layers	E559700	147.09	148.57	1.48		<10%	<10%				
			E559701	BLANK									
		#559702 fine-grained 'cherty' quartz schist with green undertones; rare cm-scale garnets at the base of the sample; biotite and muscovite layers (mm-scale); up to 1% py	E559702	148.57	150.20	1.63		tr-1%					

METALCORP

Drillhole No: HEGZ10-27
Project: Gouda Lake
Date Collared: 6-NOV-10
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Azimuth: 180
Dip: -55
Length: 170.69m
Elevation: 405m

Easting: 593499
Northing: 5388082
Logged By: Flasha
Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		#559703 typical Gouda schist; medium-grey and burgunday alternating mm-scale layers with biotite and muscovite; 1-5% py	E559703	150.20	151.88	1.68		1-5%					
		#559704 same as above but includes medium to coarse-grained quartz eyes (foliated); disseminated py concentrates around biotite crystals, and rare py seams	E559704	151.88	153.16	1.28							
		#559705 quartz rich muscovite schist with green undertones; very similar to #700 and 702; tr-1% py, locally up to 1% po; very fine-grained	E559705	153.16	154.85	1.69		tr-1%	up to 1%				
		#559706 mafic dyke 154.85 - 162.06m; same as 0.0-22.7m; trace py; contact broken at top and at bottom so angles unknown; very poor recovery 161.33 - 162.06m	E559706	154.85	156.66	1.81		tr					
		#559707 broken, talc-rich, friable, very fine-grained schist; 1% py, with up to 10% py (medium-grained) over 1.5cm at top	E559707	162.06	162.70	0.64		1-10%					
		#559708 top 12cm very well foliated; medium- to coarse grained massive sulphides, up to 60% py, 10% gal and 20% sph; 162.98-163.21m quartz veins (2cm) white with seams of cpy, gal and py (10% cpy, 5% py and 5%gal); 163.50 - 164.0m massive sulphides, coarse-grained py 80% with white quartz and tr specs of gal, rare sph	E559708	162.70	164.00	1.30		<80%		<20%	<10%		
			E559709	BLANK									
		#559710 light-medium-grey schist; tr-1% fine pyrite	E559710	164.00	164.93	0.93		tr-1%					
		#559711 two zones of massive sulphides; 164.93-165.46m semi-massive sulphides, 10-50% fine-medium-grained py in foliation or layers, rare sph; 165.46-165.81m 80-90% pyrite, medium grained, with 5% sph	E559711	164.93	165.81	0.88		<90%		5%			
		#559712 165.81-166.25m 1% finely diss py in schist; 166.25-166.31m semi-massive seams of py and po, 50%po, 50% py (overall only 40%); sample grades into cm-scale layered calc-silicate with 1% py	E559712	165.81	166.88	1.07							
166.25	**170.69**	**schistose to gneissose biotite quartzofeldspathic rock**											
		biotite (~10%), plagioclase and quartz (~40%), amphibole (~50%); fine-grained, well foliated; cm-scale compositional layering (alternating more amph+bi- vs. quartz+plag-rich); pyrite is disseminated and foliated, found along foliation planes; tr-2% disseminated beige-coloured sphene typically observed throughout the unit											
170.69		**EOH**											

Drillhole No: HEGZ10-28 | **Project: Gouda Lake** | **Date Collared: 6-NOV-10** | **Date Complete: 7-NOV-10**

Azimuth: 180 | **Dip: -45** | **Length: 152.40m** | **Elevation: 368m**

Easting: 593127 | **Northing: 5388082** | **Logged By: Flasha** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	5.95	**Granitic Intrusive**											
		fine-grained granitic intrusion with rare pyrite; foliation not evident; 60% quartz, 30% feldspar, 10% biotite;											
		2.85 cm-scale bleb of pyrite											
		3.65 - 5cm quartz vein with 2 parallel seams of pyrite	E559696	3.35	3.99	0.64							Mo up to 10%
5.95	152.40	**mesocratic to melanocratic biotite amphibolite (previously referred to as the 'Mafic Volcanics')**											
		fine-grained well foliated 5% qtz and 10% feldspar, 30% biotite and 50% amphibole (mainly hornblende); typically homogeneous, although occassional mm-scale compositional alyering; dark green colouring mottled with a dark coppery brown and black; upper contact broken;											
		approximately every 1.5m there is a fine-grained epidote-pyrite-quartz zone, 2-10cm wide						2-5%					
		15.00m foliation					82						
		19.31 - 19.58 foliated quartz feldspar porphyry											
		24.21 - 25.36 very well foliated intrusive; medium-grey colour with mm-scale white layers (6) comprised of quartz and feldspar; only 10% biotite; porphyry??											
		25.36 - 27.20 pervasive lime-green colouration (epidote alteration?) and associated 1-5% py; compositional layering (mm-scale) along the foliation plane except between 26.34-30.64 where it has a more 'fluid' or swirly look (sheared?) and red colouration (jasper or K feldspar?); all very fine-grained	E559697	25.36	26.34	0.98		1-5%					
		30.50 - 30.64 10% pyrite, medium grained; very fine-grained lime-green colour; medium-grained blebs of white quartz	E559698	26.34	27.20	0.86		10%					
		34.72 - 38.32 coarse-grained amphibolite; amphibole has a unique bubble-eye texture, with minor feldspar as the matrix											
		37.25-37.36m 15% py with quartz and biotite (not compositionally layered)						15%					
		36.13 - 36.74 very fine-grained dark grey intrusive; lower contact 88 to CA; irregular upper contact; ~30% biotite, ~50% qtz, and 20% feldspar											
		42.8m foliation					77						
		45.72 - 46.00 broken core											
		47.20 - 47.78 broken core						2%					
		48.9m foliation					87						

METALCORP

Drillhole No: HEGZ10-28 | **Azimuth: 180** | **Easting: 593127**
Project: Gouda Lake | **Dip: -45** | **Northing: 5388082**
Date Collared: 6-NOV-10 | **Length: 152.40m** | **Logged By: Flasha**
Date Complete: 7-NOV-10 | **Elevation: 368m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		37.00 - 46.00 local very fine-grained, mm-scale felsic layers											
		54.80m foliation					88						
		66.00m foliation					85						
		73.20m foliation					90						
		75.78 - 77.17m foliated medium- to coarse-grained quartz feldspar porphyry; contact along the foliation plane											
		81.65 - 88.59 continuous zones with mm-scale py and po layers and seams with up to 10% sulphides; 81.65 - 82.60m also includes local garnets, associated with more po											
		#559714 5-10% po and 1-5% py as disseminations, so locally up to 15% sulphides; foliated	E559714	81.33	82.68	1.35		1-5%	5-10%				
		#559715 same as above, but up to 15% py and up to 10% po	E559715	82.68	84.03	1.35		15%	10%				
		#559716 only 1% py throughout but it includes mm-scale layers of up to 10% py in the top 10cm of the sample; 85.08m 0.5cm layer of py; 84.65m 5cm white quartz vein	E559716	84.03	85.35	1.32							
		#559717 the top 78 cm has only tr to 5% py and tr to 5% po; the bottom of the sample has up to 15% po and 20% py (typically only 5% py; very fine-grained throughout; foliated	E559717	85.35	86.85	1.50							
		#559718 up to 15% po and 20% py, although typically only 5% pyrite overall; 88.0m 5cm pyritic zone, fine- to medium-grained with open spaces; includes medium-grained quartz crystals	E559718	86.85	88.39	1.54							
		#559719 porphyritic dyke	E559719	88.39	89.34	0.95							
			E559720	89.34	90.70	1.36							
		87.30 - 88.59 includes a few zones with up to 10% pyrite, although overall only 1% py; fine-to medium-grained disseminations	E559721	blank									
		91.26 - 94.28m very broken core											
		91.26 - 96.15 irregularly layered, sheared? mm- to cm-scale compositional layering (amphibole and biotite predominantly)											
		96.96 - 97.11 pyritic zone, up to 10% disseminated and smeared, fine- to coarse-grained											
		100.70m foliation					80						
		104.28 - 105.12 six separate 3-5cm white quartz veins with amphibole inclusions as seams or blebs; up to 10% pyrite along the contacts						<10%					
		106.68 - 109.04 more pyritic, 2-3% and up to 10% in epidote and biotite-rich zones						2-10%					
		108.80 spec of cpy included with 5cm white quartz vein											
		106.80m foliation					70						

METALCORP

Drillhole No: HEGZ10-28 | **Azimuth: 180** | **Easting: 593127**
Project: Gouda Lake | **Dip: -45** | **Northing: 5388082**
Date Collared: 6-NOV-10 | **Length: 152.40m** | **Logged By: Flasha**
Date Complete: 7-NOV-10 | **Elevation: 368m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		109.73 - 110.12 three 5cm white quartz veins, no sulphides											
		115.60 - 121.52 mm- to cm-scale lime-green compositional layering (epidote alteration?); 1-2% disseminated py throughout						1-2%					
		119.10m foliation					74						
		#559679 mm- to cmm-scale quartzofeldspathic layers with epidote, these layers also have an enrichment of fine-grained pyrite, up to 10%	E559679	126.52	128.02	1.50	72	<10%					
		#559680 same as above; 4 quartzofeldspathic layers less than 2cm wide	E559680	128.02	129.47	1.45	65	<10%					
			E559681	blank									
		#559682 at 129.52 there is a 5cm white quartz vein with open space, including amphibole and 10-15% py and po along the contact edges; 129.93m 1.5 cm quartz vein; 130.16m 6cm white quartz vein with a seam of py and amphibole in the middle	E559682	129.47	130.40	0.93	89	up to 15%	<10%				
		#559683 medium-grained amphiboles (not fine-grained as above); tr very fine-grained disseminated py	E559683	130.40	132.07	1.67		tr					
		#559684 at 132.12m 3 cm white quartz vein at 30 deg to the CA with fine- to medium-grained cubes of py within and up to 15% around the contact edges (+/- 10cm); 133.34cm 1cm quartzofeldspathic layer with py and epidote	E559684	132.07	134.11	2.04		<15%					
		#559685 overall amphibole is fine-grained; not homogeneous, have dark and lime green alternating mm-scale layers; pyrite up to 10% in biotite rich layers; 134.21m 2cm coarse grained feldspar and quartz layer with open spaces and 10% medium- to fine-grained py cubes;	E559685	134.11	135.61	1.50		2-10%					
		#559686 same as #559685 with alternating mm-scale lime green and dark green layers, pyrite up to 15% locally, but overall only 2%	E559686	135.61	137.16	1.55		2-10%					
		#559687 same as #559685 and #559686, up to 10% py, but typically only 1-5%; 137.16 - 137.44m white barren quartz vein; 138.28-138.65 pegmatite vein with coarse-grained acicular amphibole crystals	E559687	137.16	138.65	1.49		1-10%					
		#559688 same as #559687	E559688	138.65	140.08	1.43		1-10%					
		#559689 same as #559687; 140.30m 1cm wide white quartz vein with tr-1% py	E559689	140.08	141.48	1.40							
		#559690 same as #559687; 141.58 - 142.55m white quartz vein with open spaces, minor seams and blebs of hornblende; heavy pyrite (up to 20%) along the contacts as well as medium grained cubes around the open spaces	E559690	141.48	142.58	1.10							
			E559699	142.58	144.24	1.66	89						

METALCORP

Drillhole No: HEGZ10-28
Project: Gouda Lake
Date Collared: 6-NOV-10
Date Complete: 7-NOV-10

Azimuth: 180
Dip: -45
Length: 152.40m
Elevation: 368m

Easting: 593127
Northing: 5388082
Logged By: Flasha
Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		#559691 more homogeneous biotite amphibolite zone with 1% fine-grained pyrite	E559691	144.24	145.75	1.51		1%					
			E559692	blank									
		#559693 same as 559691 but up to 5% pyrite in biotite-rich layers; 146.15 - 146.31m pegmatite with rare py	E559693	145.75	147.26	1.51		<5%					
		#559694 same as 559693 but includes a white qtz vein with cm-scale clasts of pyrite and up to 5% po along the contacts, 148.20-148.36m	E559694	147.26	148.79	1.53		1%	<5%				
		#559695 same as above, but includes five 1cm layers of lime green (epidote rich?) with up to 2% pyrite; 150.32-150.43m white quartz vein with pyritic contacts	E559695	148.79	150.43	1.64		2%					
	152.40	EOH											

METALCORP	Drillhole No: HEGZ10-29	Azimuth: 180	Easting: 5388551
	Project: Gouda Lake	Dip: -45	Northing: 593000
	Date Collared: 8-NOV-10	Length: 152.40m	Logged By: Peterson
	Date Complete: 9-NOV-10	Elevation: 366m	Drill Co: Full Force

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
0.00	27.27	**mesocratic to melanocratic biotite amphibolite (previously referred to as the 'Mafic Volcanics')**											
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Localized sections of discontinuous layers. Approximately 70-75% 1mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1mm blebs.						tr					
		7.35-8.02- Intermediate intrusion- fine grained, well developed foliation typically perpendicular to core axis, mainly composed of <1mm subhedral plagioclase and quartz with ~10-15% 2mm subhedral amphibole.											
		23.70-24.84- Increase in pyrite to ~5% as concentrated sections of 1mm stringers.	E562677	23.70	24.84			5%					
27.27	50.32	**Granodiorite to Granite Intrusion**											
		Weakly foliated. Fine to medium grained, grains of uniform grain size, typically grey mainly composed of 1-3mm plagioclase with lesser amounts of quartz, amphibole and potassium feldspar. Foliation on a millimetre scale typically perpendicular to core axis. Several pegmatite dykes throughout (to be described). Generally trace pyrite occuring as 1-3mm blebs typically localized to pegmatite dykes and quartz veins. Trace localized molybdenite.											
		27.50-27.77- Pegmatite dyke- mainly composed of 3-4cm quartz followed by 2-3cm plagioclase and potassium feldpspar, trace pyrite occuring as 1-3mm blebs.	E562678	24.84	28.95								
		28.90-28.95- As per interval 27.50-27.77											
		33.15-33.80- Quartz vein, 2cm typically parallel to core axis with ~3% pyrite occuring as 1-3mm blebs.	E562679	33.31	33.80								
		34.28-34.53- As per interval 27.50-27.77											
		36.47-37.13- As per interval 27.50-27.77											
		39.57-39.95- As per interval 27.50-27.77											
		41.25-41.28- Quartz vein, pinkish hue, generally perpendicular to core axis, trace to 1% pyrite occuring as 1-3mm blebs.						1%					
		48.60-48.67- As per interval 27.50-27.77											
50.32	152.40	**mesocratic to melanocratic biotite amphibolite (previously referred to as the 'Mafic Volcanics')**											

METALCORP

Drillhole No: HEGZ10-29 | **Azimuth: 180** | **Easting: 5388551**
Project: Gouda Lake | **Dip: -45** | **Northing: 593000**
Date Collared: 8-NOV-10 | **Length: 152.40m** | **Logged By: Peterson**
Date Complete: 9-NOV-10 | **Elevation: 366m** | **Drill Co: Full Force**

From (m)	To (m)	Lithology & Description	Sample Number	From (m)	To (m)	Length (m)	Foln Angle	py	po	sph	gal	cpy	other
		Typically with a colour index ranging from green to dark green with a well developed foliation-foliation planes on the order of 1-3 every mm. Poorly developed compositional layering, layers on the order of 1 every 3-5mm (where developed). Locally layers are ptygmatically folded. Localized sections of discontinuous layers. Approximately 70-75% 1mm sub to euhedral hornblende crystals with lesser amounts of plagioclase. Most of the unit exhibits strong chlorite alteration giving the rock its dark green colour. Trace pyrite as scattered 1-3mm blebs typically localized to quartz veins.											
		66.90-67.21- Quartz vein, white with trace pyrite.	E562680	66.80	67.06								
		76.22-76.40- Quartz vein, white, barren.	E562681	113.00	113.70								
		111.35-111.45- Quartz vein, white, barren.	E562682	118.87	120.00								
		119.15-119.90- Quartz vein, trace to 1% 1mm pyrite blebs.	E562683	124.97	126.25			1%					
		124.97-125.12- Quartz vein, trace fine pyrite.											
		125.20-125.60- Quartz vein, white, barren.											
		125.60-126.00- Pegmatite dyke- mainly composed of 3-4cm quartz followed by 2-3cm plagioclase and potassium feldpspar, trace to 1% pyrite occuring as 1-3mm blebs.						1%					
		128.02-128.40- Quartz vein, broken core, white, barren.											
		128.02-128.40- Quartz vein, broken core, white, barren.											
		130.68-130.76- Quartz vein, barren.											
		137.95-138.03- Quartz vein, barren.											
		152.12-152.20- Quartz vein, trace to 1% fine pyrite.						1%					
	152.40	**EOH**											

Appendix III. 2010 Drillcore Hand Sample Descriptions and Locations

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Rock Type	Description
HEGZ10-16	16-1	64.01	64.11	0.10	biotite amphibolite	dark green, well-foliated amphibolite with poorly developed discordant mm-scale layering; sparse pyrite
HEGZ10-16	16-2	65.92	66.02	0.10	biotite amphibolite	more or less same old stuff as 16-1 but with increased biotite(?), 5% paler in colour plus/minus at the start of the sampled zone
HEGZ10-16	16-3	67.48	67.58	0.10	Gouda Horizon	better defined layering on mm to cm scale; pyrite still sparse; some white mica
HEGZ10-16	16-4	68.81	68.91	0.10	Gouda Horizon	mm scale layering in quartz eye beraing biotite sericite (pyrite) rocks
HEGZ10-16	16-5	70.40	70.50	0.10	Gouda Horizon	biotite sericite rock, completely layered on mm to cm scale
HEGZ10-16	16-6	71.90	72.00	0.10	Gouda Horizon	biotite sericite pyrite rock
HEGZ10-16	16-7	73.15	73.25	0.10	Gouda Horizon	2% disseminated pyrite, medium grey rock that has discontinuous mm to cm scale layering, biotite bearing definitely but some sericite
HEGZ10-16	16-8	74.45	74.55	0.10	Gouda Horizon	3-5%(?) pyrite in low colour index rock, sericite rich, pale medium gray
HEGZ10-16	16-9	75.95	76.05	0.10	Gouda Horizon	tectonized, more sericite rich (not far from talc zone) weak disseminated pyrite, local quartz eyes mm to sub mm
HEGZ10-16	16-10	78.35	78.45	0.10	Gouda Horizon	massive sulphides, pyrite rimmed and infilled (in cracks?) by pyrrhotite (sphene)
HEGZ10-16	16-11	79.50	79.60	0.10	Gouda Horizon	very weak disseminated pyrite, very low colour index, weak discontinuous competent layering
HEGZ10-16	16-12	81.35	81.45	0.10	Gouda Horizon	heavy disseminated pyrite, abundant sulphides
HEGZ10-16	16-13	82.55	82.65	0.10	Gouda Horizon	still sericite rich, mottled pale to medium gray; well foliated but not well layered
HEGZ10-16	16-14	83.80	83.90	0.10	Gouda Horizon	sub cm to cm thick more mafic (high colour index) layers, which type contain the most disseminated pyrite, medium to pale green gray
HEGZ10-16	16-15	85.34	85.44	0.10	Gouda Horizon	disseminated pyrite variable layering; local dark sub-cm layers
HEGZ10-16	16-16	86.73	86.83	0.10	Gouda Horizon	layered (sub-cm scale layers) amphibiolite, colour index approximately 70 to 80 in dark layers, colour index well below 50 in paler coloured layers; local sparse disseminated pyrite
HEGZ10-03	GZHS1	110.20	110.27	0.07	biotite amphibolite	poorly compositionally mm-scale layered biotite and amphibole
HEGZ10-01	GZHS2	13.78	13.90	0.12	schistose to gneissose biotite quartzofeldspathic rock	not as much felsic minerals as seen in HS19, but still fairly representative of this unit
HEGZ10-02	GZHS3	143.64	143.70	0.06	Pukaskwa Batholith - foliated granite	typcal specimen
HEGZ10-05	GZHS4	65.91	65.99	0.08	sericitized biotite muscovite/white mica schist	standard mm-layered schist, alternating between biotite and muscovite-rich layers (purply-light grey)
HEGZ10-07	GZHS5	61.72	61.86	0.14	garnet bearing amphibolite	

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Rock Type	Description
HEGZ10-07	GZHS6	70.22	70.31	0.09	sericitized biotite muscovite/white mica schist	cm-scale layered schist with qtz eyes and micro-folds along foliation
HEGZ10-15	GZHS7			0.18	sericitized biotite muscovite/white mica schist	light gret schistose, 1-2% py with microfolds, some talc
HEGZ10-28	GZHS8	123.90	124.02	0.12	amphibolite	typical rock type from holes 28 and 29
HEGZ10-16	GZHS9	97.40		0.12	amphibolite	bottom of the hole
HEGZ10-16	GZHS10	8.00		0.11	sericitized biotite muscovite/white mica schist	competant, mm-scale layered schist found at the top of the hole
HEGZ10-20	GZHS11	35.50		0.12	dyke or sill	grano-dioritic composition
HEGZ10-20	GZHS12	65.50		0.11	diroitic dyke or sill	dioritic sill
HEGZ10-20	GZHS13	77.70		0.18	schistose to gneissose biotite quartzofeldspathic rock	compositionally layered zone with potassic(?) alteration and epidote
HEGZ10-20	GZHS14	123.40		0.19	Gouda zone	mineralized zone; poorly-layered/disseminated py and sph in schist
HEGZ10-20	GZHS15	129.20		0.13	calc-silicate	footwall rock to the Gouda horizon/schist; mm-cm-scale layered rock, competant, amphibole-rich layers and silica-plag rich layers
HEGZ10-24	GZHS16	39.62		0.16	quartz feldspar porphyry	granitic rocks
HEGZ10-24	GZHS17	57.91		0.12	schistose to gneissose biotite quartzofeldspathic rock	big clasts within this unit
HEGZ10-24	GZHS18	113.00		0.14	schistose to gneissose biotite quartzofeldspathic rock	hematite enrichment
HEGZ10-24	GZHS19	122.00		0.17	schistose to gneissose biotite quartzofeldspathic rock	typical for this rock type
HEGZ10-25	GZHS20			0.06	diabase	mafic dyke from the Gouda zone - interrupted our mineralization!!

Appendix IV. Vancouver Petrographics Report on Selected Drillcore Specimens

Report 101159for:
Charles Greig,
C.J. Greig & Associates, Ltd.,
729 Okanogan Ave. E,
Penticton, BC, V2A 3K7 **January 2011**

Samples: GZHS14, 16-4

Summary:

Sample GZHS14 is of moderately foliated schist that is dominated by quartz with lesser muscovite and pyrite, much less abundant tremolite, sericite, sphalerite, chlorite, and rutile, and trace chalcopyrite and Mineral X. Pyrite is concentrated strongly in lenses parallel to foliation. Sphalerite occurs with pyrite and with sericite.

Sample 16-4 is of a vein dominated by pyrite and quartz with lesser pyrrhotite, sphalerite, and chlorite, minor chalcopyrite, and trace Mineral X and tetrahedrite/tennantite.

Photographic Notes:

The scanned section shows the gross textural features of the sections; these features are seen much better on the digital image than on the printed image. Photo numbers are shown in the lower left corner of the photographs. The letter in the lower right-hand corner indicates the lighting conditions: P = plane light, X = plane light in crossed nicols; R = reflected light, RP = reflected light and plane incident light; ~RX = reflected light in moderately crossed nicols and incident light in crossed nicols. Locations of photographs are shown on the scanned section. Descriptions of the photographs are at the end of the report.

John G. Payne, Ph.D., P.Geol.
Tel: (604)-597-1080
email: jgpayne@telus.net

Sample GZHS14 Quartz-Muscovite-Pyrite-Rutile Schist

The sample is of moderately foliated schist that is dominated by quartz with lesser muscovite and pyrite, much less abundant tremolite, sericite, sphalerite, chlorite, and rutile, and trace chalcopyrite and Mineral X. Pyrite is concentrated strongly in lenses parallel to foliation. Sphalerite occurs with pyrite and with sericite.

mineral	percentage	main grain size range	
quartz	75-80%	0.1-0.4	(a few from 0.5-1 mm across)
muscovite	8-10	0.1-0.7	(a few up to 1 mm long)
pyrite	7- 8	0.1-1	(a few up to 1.5 mm across)
tremolite	2- 3	0.05-0.2	
sericite	1- 2	0.01-0.05	
chlorite	0.5	0.03-0.07	
sphalerite	0.3	0.07-0.2	
rutile	0.1	0.07-0.15	
chalcopyrite	trace	0.01-0.03	(a few up to 0.05 mm across)
Mineral X	trace	0.03-0.07	

Quartz forms anhedral equant grains, mainly intergrown coarsely with muscovite. A few much finer grained patches up to 1 mm in size are of quartz with minor to moderately abundant acicular tremolite.

Muscovite is concentrated moderately in muscovite-rich seams parallel to foliation.

Pyrite forms anhedral to subhedral grains that are concentrated moderately to strongly in diffuse bands parallel to foliation. It also forms a few much finer grained patches and lenses oriented parallel to foliation and intergrown with thin lenses of muscovite-(chlorite).

Sphalerite forms a few patches from 0.05-0.5 mm in size, commonly adjacent to pyrite grains. A few of these contain minor exsolution blebs of chalcopyrite of the order of 1-2 microns in size. Sphalerite also forms a few much finer patches (0.02-0.05 mm) associated with patches of unoriented sericite-(muscovite) aggregates. Sphalerite is dark orangish brown to reddish brown in colour.

Tremolite is concentrated in ragged patches up to 1 mm in size, mainly near pyrite as dense clusters of acicular grains with fibrous to locally subradiating textures. Adjacent to tremolite-rich patches, quartz commonly contains disseminated acicular grains of tremolite, mainly less than 0.07 mm long.

Sericite occurs in irregular patches, in part associated with tremolite and in part intergrown intimately with sphalerite.

Chlorite occurs in scattered patches, commonly with sericite.

Rutile forms disseminated anhedral equant grains, in part associated with tremolite.

Chalcopyrite forms a few clusters of grains (0.01-0.03 mm) intergrown with muscovite flakes. A few patches up to 0.05 mm across border larger pyrite grains. A few patches occur as interstitial selvages between pyrite grains.

Mineral X forms a few anhedral patches in quartz. It is a soft, silvery grey metallic mineral with moderate reflectivity that was moderately tarnished. One grain was more strongly tarnished with various shades of red and pale gold. Identification would require SEM analysis.

Sample 16-4 Vein: Pyrite-Quartz-Pyrrhotite-Sphalerite-Chlorite-(Chalcopyrite)

The sample is of a vein dominated by pyrite and quartz with lesser pyrrhotite, sphalerite, and chlorite, minor chalcopyrite, and trace Mineral X and tetrahedrite/tennantite.

mineral	**percentage**	**main grain size range**
pyrite	45-50%	0.5-1.5
quartz	30-35	0.2-0.8
pyrrhotite	7- 8	0.2-0.5
sphalerite	5- 7	0.2-0.8
chlorite	2- 3	0.3-0.8
chalcopyrite	0.2	0.02-0.05
Mineral X	trace	0.03-0.1
tetrahedrite/tennantite	trace	0.03-0.05

Pyrite forms anhedral to locally subhedral equant grains. Some grains were fractured slightly to moderately, and were healed along fractures by pyrrhotite or sphalerite.

Quartz forms anhedral grains intergrown coarsely with sulphides.

Sphalerite forms anhedral patches with a medium reddish brown colour; it commonly is interstitial to pyrite.

Pyrrhotite forms anhedral patches that are interstitial to pyrite. Locally it is altered slightly to botryoidal aggregates of secondary minerals.

Chlorite forms disseminated flakes, mainly intergrown with quartz or between quartz and sulphides.

Chalcopyrite forms anhedral grains, commonly associated with sphalerite and commonly along borders between sphalerite and pyrite.

Mineral X forms a few patches up to 0.1 mm in size. The largest is with pyrrhotite in quartz, and a smaller cuspate one 0.07 mm long occurs in pyrite.

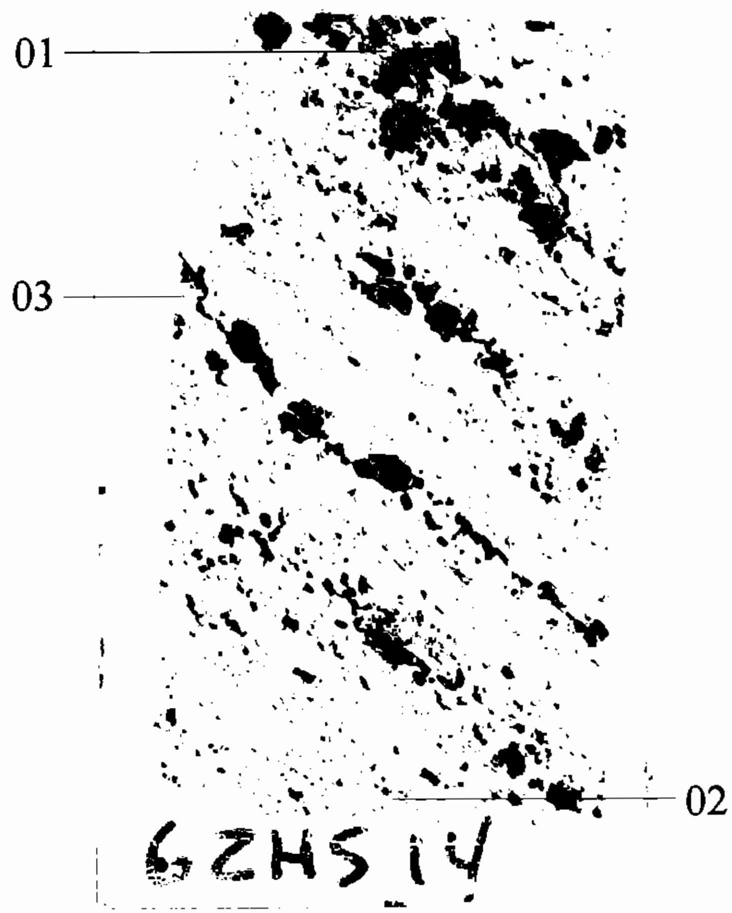
Tetrahedrite/tennantite forms a few grains associated with chalcopyrite and sphalerite.

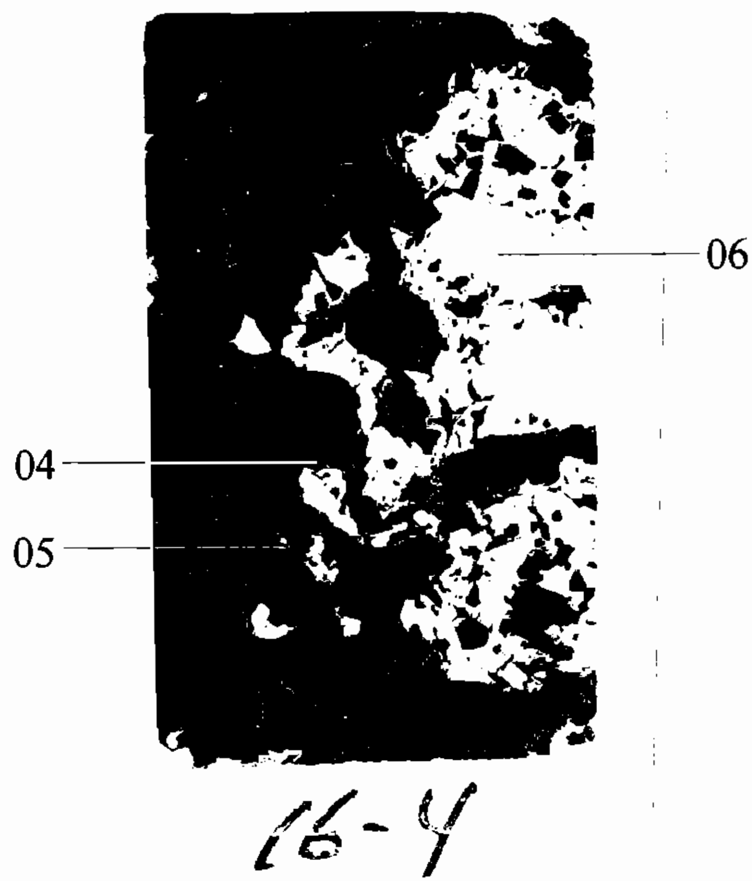
List of Photographs

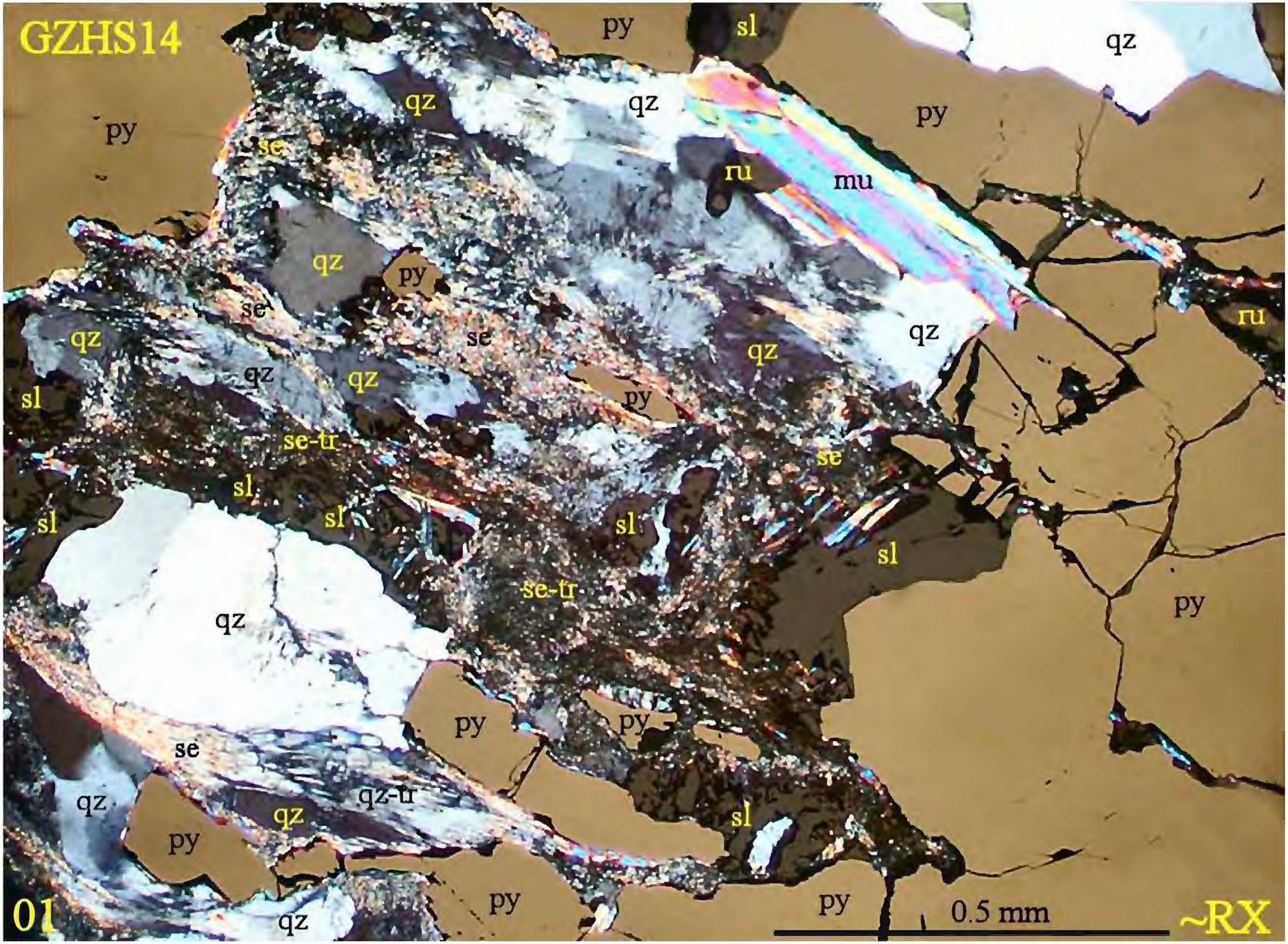
(page 1 of 1)

Photo	Section	Description
01	GZHS14	coarser grained pyrite with lesser quartz, muscovite, and sphalerite (adjacent to pyrite), and minor rutile; patch of extremely fine grained sericite and lesser tremolite intergrown intimately with sphalerite and quartz, respectively.
02	GZHS14	to the left: ragged bundles of acicular tremolite grains intergrown with quartz; to the right: intergrowth of quartz, muscovite, and pyrite
03	GZHS14	two patches of Mineral X and one patch of either tarnished Mineral X or Mineral Y and part of a euhedral grain of pyrite enclosed in quartz with a flake of muscovite.
04	16-4	intergrowth of pyrite and quartz with lesser sphalerite, mainly along pyrite-quartz grain borders, pyrrhotite (intergrown with quartz), minor chalcopyrite (as grains along margins of one sphalerite patch against both pyrite and quartz), with a few chlorite grains (bordering quartz and sulphides).
05	16-4	intergrowth of coarser grained pyrite, sphalerite, pyrrhotite, and quartz, with finer grained aggregates of sphalerite, pyrrhotite, and chalcopyrite bordering the quartz patch.
06	16-4	elongate irregular patch of Mineral X and pyrrhotite in quartz, small patch of Mineral X in quartz.

101159 greig sections



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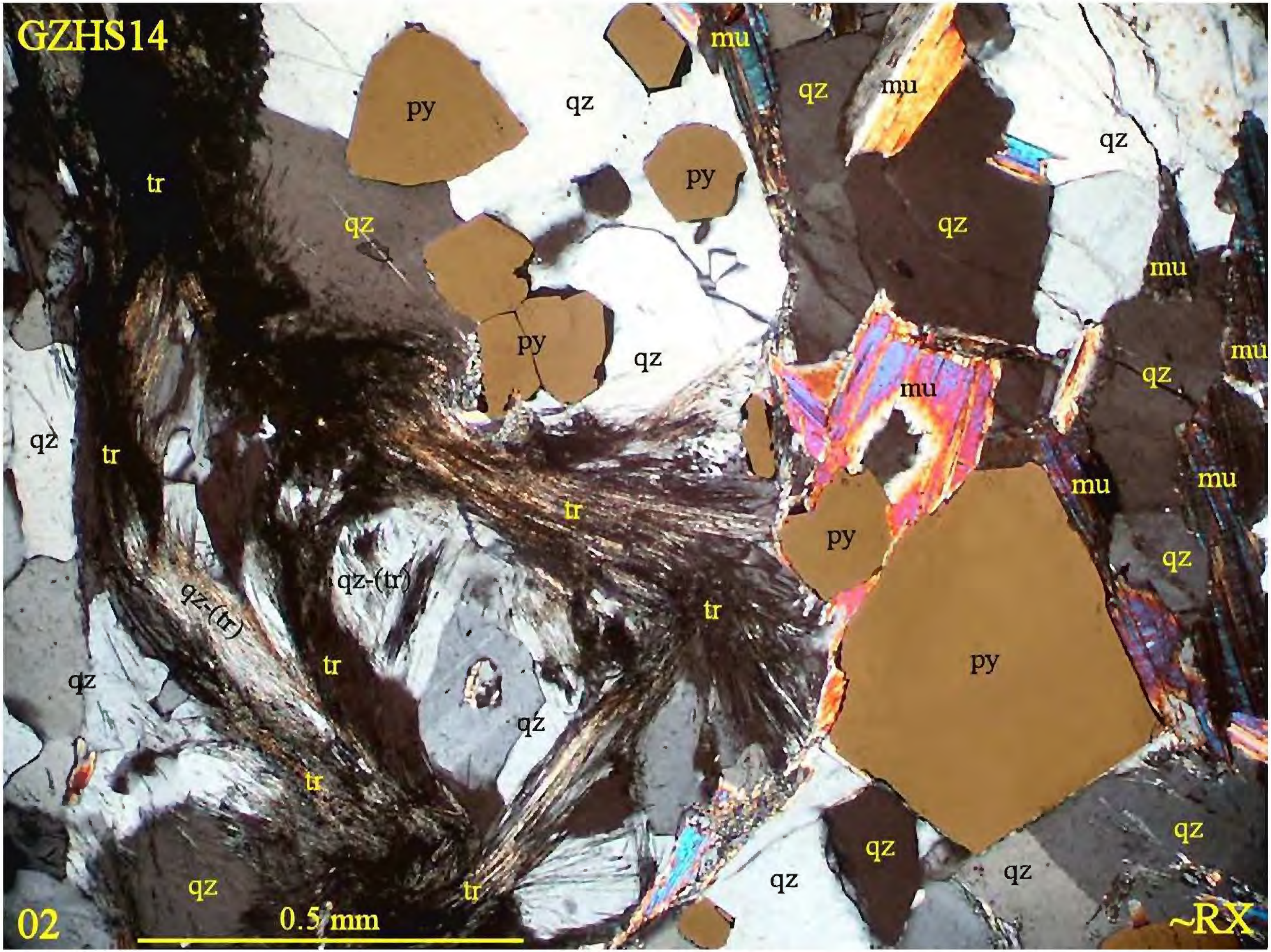
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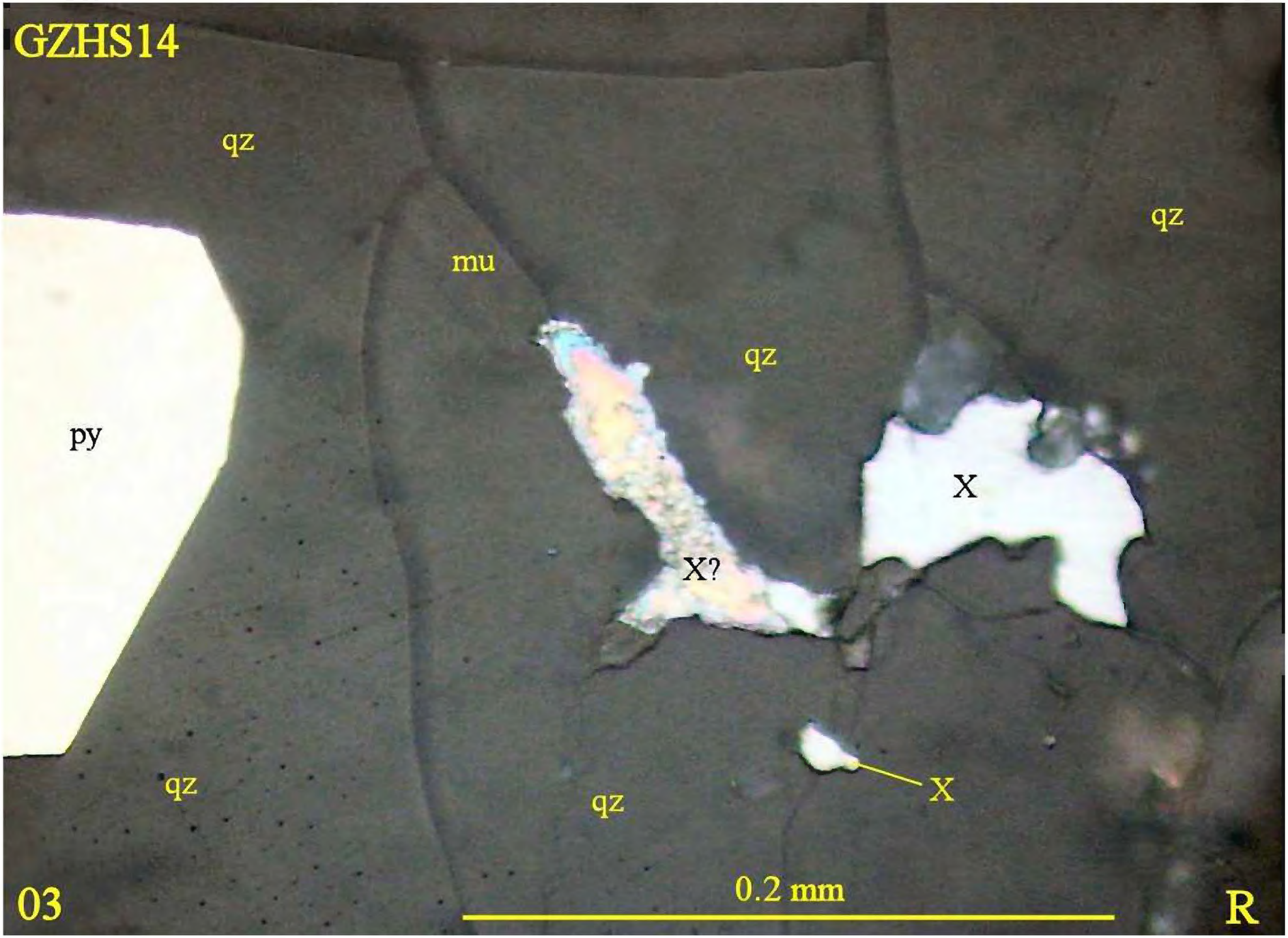

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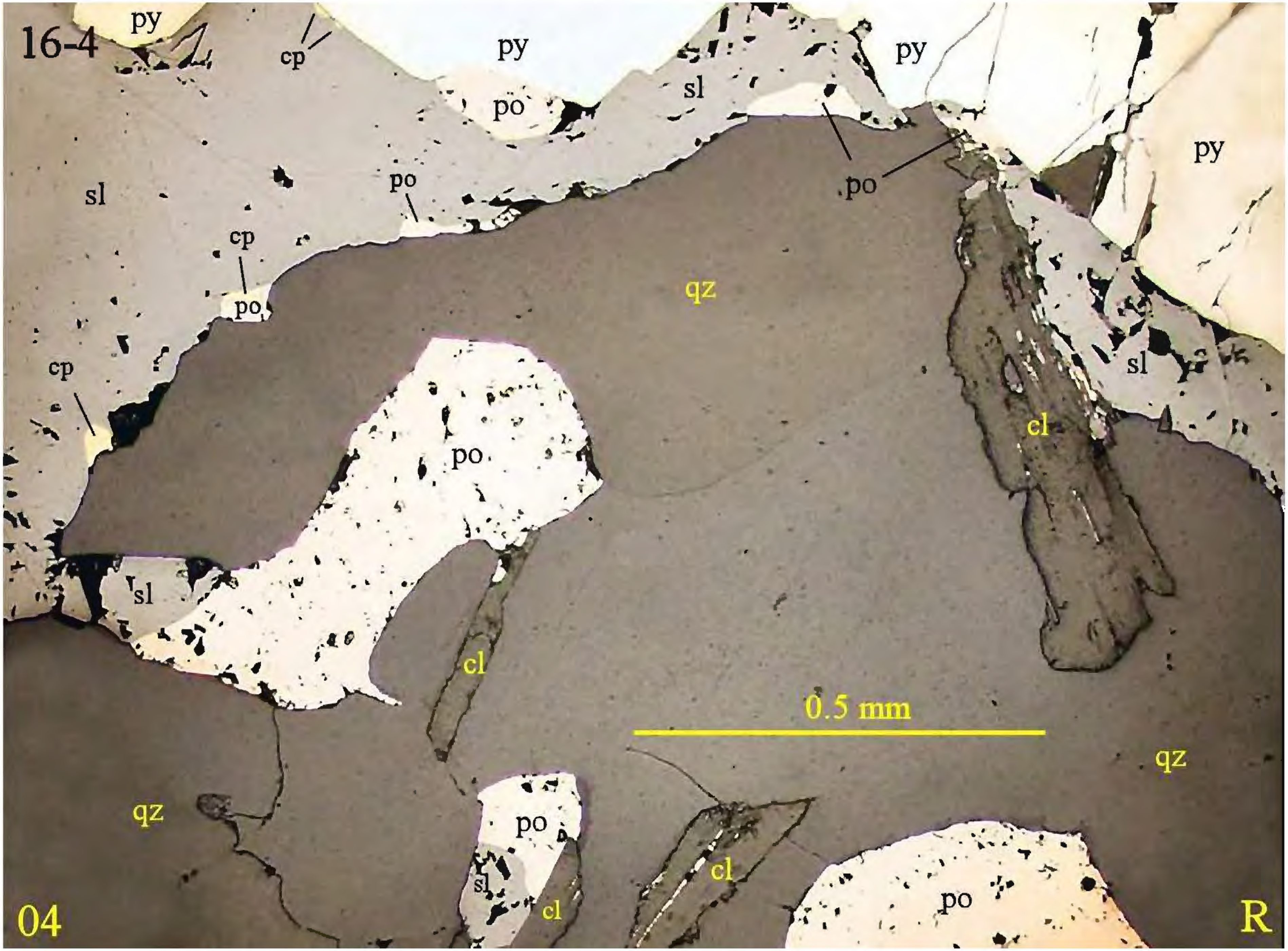
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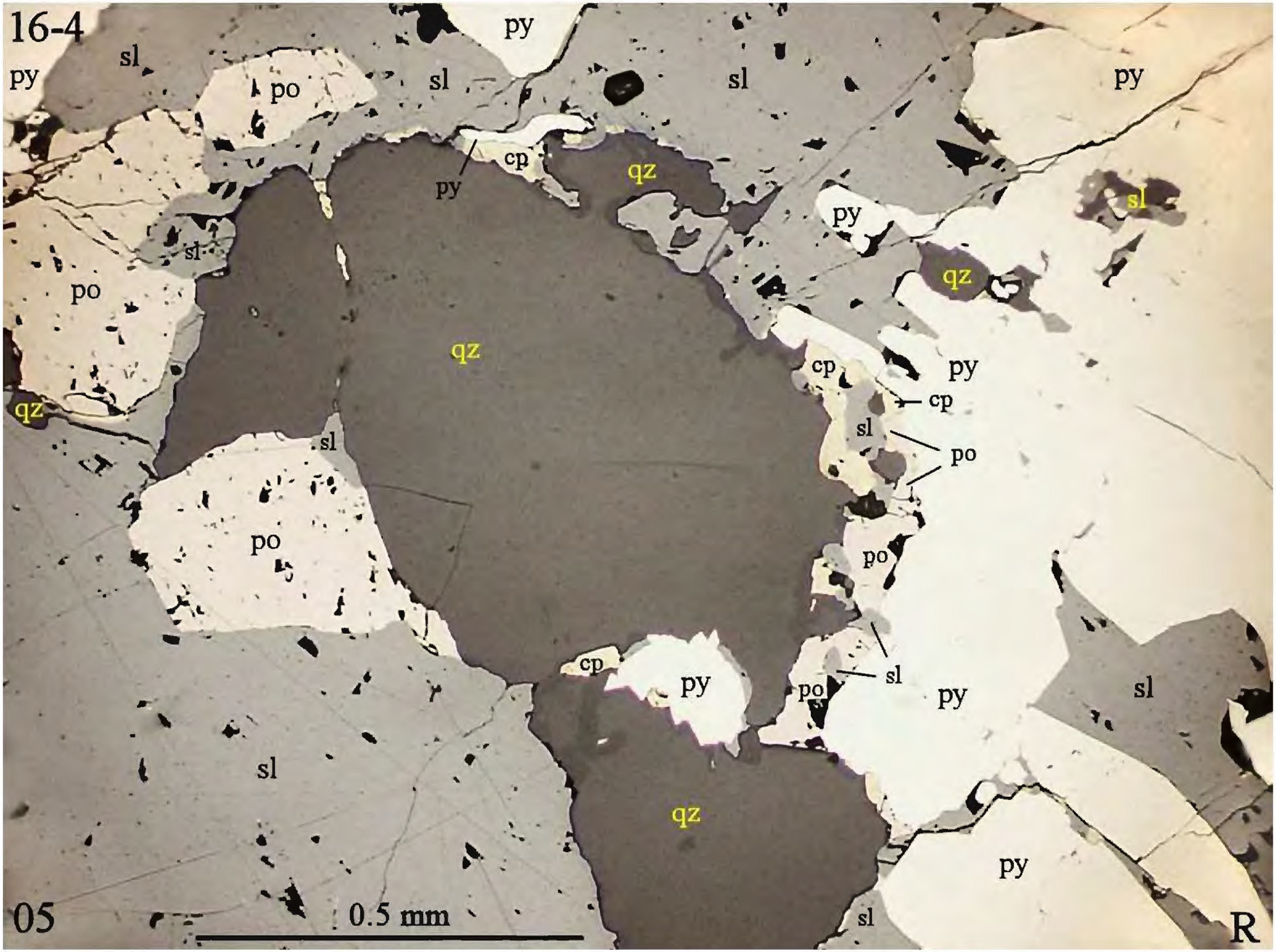
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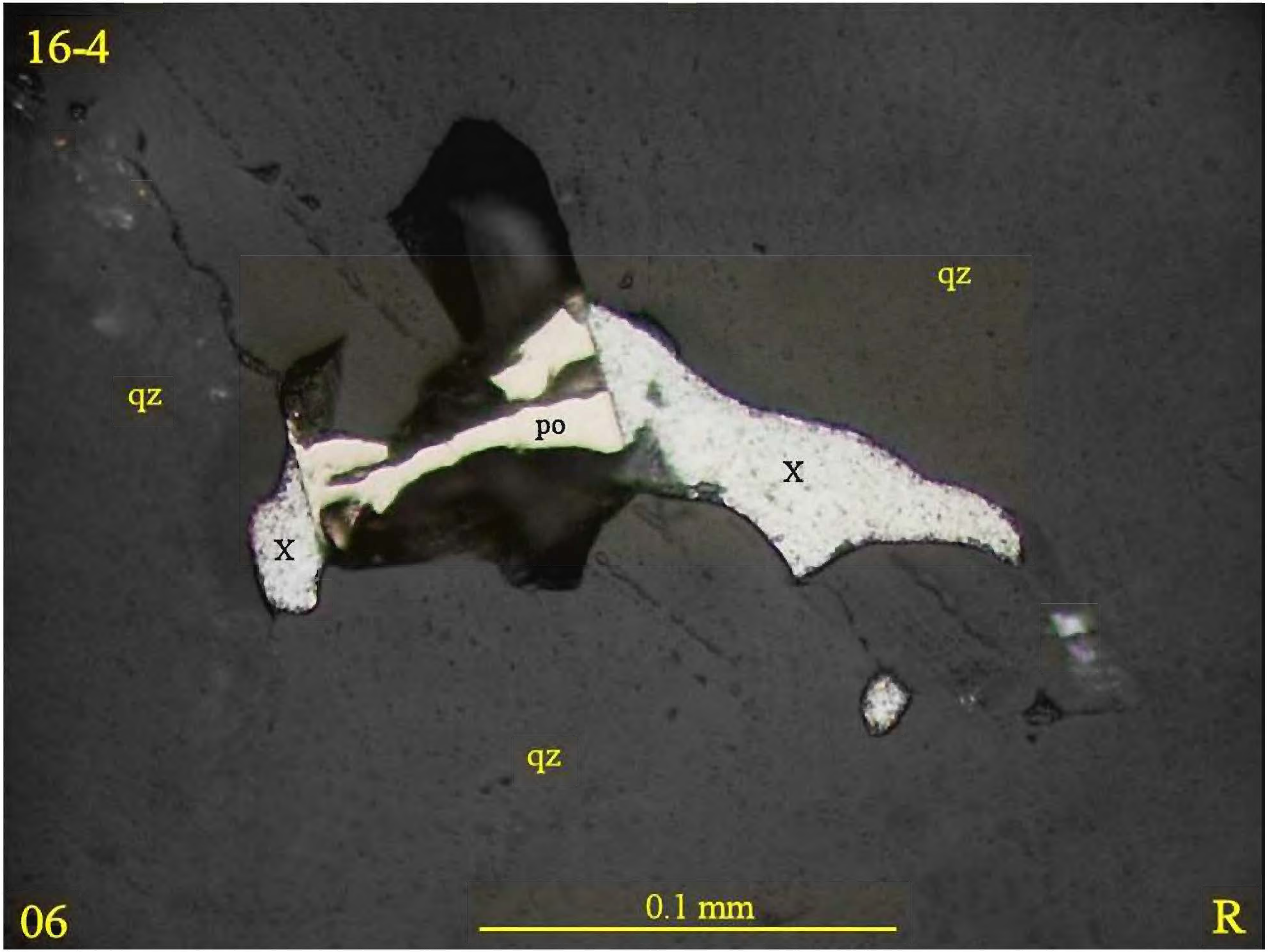
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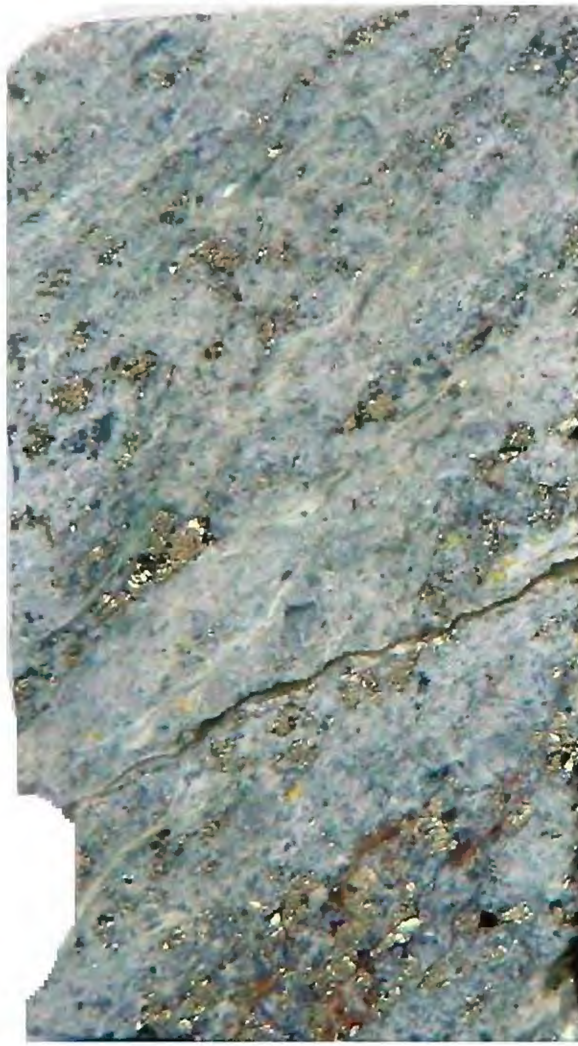
GZHS14



16-4

Appendix V. 2010 Lithogeochemical Data for Drillcore

2010 Lithogeochemical Data for Drillcore

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-01	E559501	9.28	10.78	1.50	<0.005	<0.2	1.31	<2	<10	90	<0.5	2	0.81	<0.5	11	56	42	2.11	10	<1	0.73	60	1	327	<1	0.08	33	1000	<2	0.11	<2	3	58	<20	0.17	<10	<10	50	<10	50
HEGZ10-01	E559502	10.78	12.28	1.50	<0.005	<0.2	1.21	<2	<10	50	<0.5	<2	0.99	<0.5	11	54	32	1.95	10	<1	0.49	50	0.83	309	<1	0.09	34	860	<2	0.09	<2	3	48	<20	0.14	<10	<10	45	<10	52
HEGZ10-01	E559503	12.28	13.78	1.50	<0.005	<0.2	1.17	<2	<10	50	<0.5	<2	0.84	<0.5	10	46	24	1.91	10	<1	0.53	40	0.82	261	<1	0.08	29	800	2	0.11	<2	3	50	<20	0.15	<10	<10	41	<10	45
HEGZ10-01	E559504	13.78	14.94	1.16	<0.005	<0.2	1.08	<2	<10	50	<0.5	<2	1.05	<0.5	12	57	35	1.74	<10	<1	0.32	60	0.6	354	5	0.09	34	1040	2	0.2	<2	4	53	<20	0.14	<10	<10	44	<10	50
HEGZ10-01	E559505	14.94	16.69	1.75	<0.005	0.2	0.69	<2	<10	60	<0.5	<2	0.33	<0.5	2	8	6	0.95	<10	<1	0.23	20	0.56	297	<1	0.06	5	310	6	0.05	<2	1	24	<20	0.07	<10	<10	11	<10	45
HEGZ10-01	E559506	16.69	18.48	1.79	<0.005	<0.2	0.85	<2	<10	120	<0.5	<2	0.31	<0.5	4	8	12	1.3	<10	<1	0.43	30	0.59	313	<1	0.07	4	360	6	0.09	<2	1	31	<20	0.1	<10	<10	18	<10	53
HEGZ10-01	E559507	69.83	71.33	1.50	0.005	0.3	0.58	<2	<10	70	<0.5	<2	0.19	<0.5	2	5	10	0.66	<10	<1	0.26	10	0.18	96	4	0.04	3	160	5	0.27	<2	<1	17	<20	0.02	<10	<10	4	<10	36
HEGZ10-01	E559508	71.33	72.63	1.30	0.006	0.3	0.96	<2	<10	50	<0.5	<2	0.29	<0.5	3	6	3	1.04	<10	<1	0.33	10	0.4	183	1	0.07	3	240	<2	0.42	<2	<1	26	<20	0.03	<10	<10	6	<10	29
HEGZ10-01	E559509	72.63	74.13	1.50	<0.005	0.2	1.42	<2	<10	40	<0.5	<2	0.6	<0.5	3	6	2	1.1	<10	<1	0.34	10	0.52	219	<1	0.14	2	240	<2	0.19	<2	1	35	<20	0.05	<10	<10	8	<10	33
HEGZ10-01	E559510	74.13	75.74	1.61	0.012	0.4	1.56	2	<10	50	<0.5	<2	0.45	<0.5	4	8	4	1.29	<10	<1	0.49	10	0.69	254	<1	0.13	4	220	<2	0.29	<2	1	36	<20	0.06	<10	<10	9	<10	40
HEGZ10-01	E559511	75.74	77.19	1.45	0.01	0.5	1.77	<2	<10	50	<0.5	<2	0.64	<0.5	4	17	4	1.23	<10	<1	0.46	10	0.73	251	1	0.13	5	290	<2	0.57	<2	1	54	<20	0.05	<10	<10	13	<10	28
BLANK	E559512A				<0.005	<0.2	0.5	<2	<10	40	<0.5	<2	0.39	<0.5	3	4	10	1.29	<10	<1	0.18	20	0.24	133	<1	0.11	1	380	<2	0.11	<2	1	41	<20	0.12	<10	<10	20	<10	36
HEGZ10-01	E559512	77.19	78.82	1.63	<0.005	0.4	1.53	<2	<10	40	<0.5	<2	0.55	<0.5	3	6	<1	1.3	<10	<1	0.45	10	0.64	382	<1	0.08	2	240	2	1.11	<2	<1	47	<20	0.04	<10	<10	5	<10	43
HEGZ10-01	E559513	78.82	80.05	1.23	0.03	2.2	2	<2	<10	230	<0.5	<2	0.35	<0.5	11	11	20	3.77	10	<1	1.35	10	1.25	813	<1	0.08	4	590	14	0.94	<2	2	18	<20	0.27	<10	<10	60	<10	111
HEGZ10-01	E559514	80.05	81.50	1.45	0.03	2.6	0.29	4	<10	30	<0.5	3	0.11	2.9	4	2	8	1.97	<10	<1	0.16	<10	0.03	28	1	0.01	1	140	44	2	<2	<1	3	<20	0.01	<10	<10	2	<10	577
HEGZ10-01	E559515	81.50	82.93	1.43	1.315	44.5	0.3	10	<10	20	<0.5	<2	0.33	64.4	3	3	306	4.24	<10	<1	0.13	<10	0.03	78	<1	0.01	1	70	330	5.05	2	<1	7	<20	<0.01	<10	<10	1	10	12300
HEGZ10-01	E559516	82.93	84.20	1.27	0.591	33.5	0.69	23	<10	30	<0.5	<2	0.23	8	18	4	534	14.5	<10	<1	0.14	<10	0.26	88	1	0.03	9	10	283	>10.0	2	<1	10	<20	<0.01	<10	<10	3	<10	1800
HEGZ10-01	E559517	84.20	85.35	1.15	0.152	18.2	0.22	51	<10	10	<0.5	3	0.08	22.8	14	3	498	26.9	<10	<1	0.05	<10	0.09	73	<1	0.01	15	<10	278	>10.0	<2	<1	2	<20	<0.01	<10	<10	2	<10	5070
HEGZ10-01	E559518	85.35	86.39	1.04	1.25	66.1	0.4	35	<10	30	<0.5	3	0.04	26.2	3	3	39	14.7	<10	<1	0.21	<10	0.14	71	<1	0.02	2	<10	3050	>10.0	23	<1	8	<20	0.01	<10	<10	1	<10	5890
HEGZ10-01	E559519	86.39	87.04	0.65	0.153	58.7	0.35	35	<10	20	<0.5	29	0.05	139.5	2	2	286	25.2	<10	1	0.14	<10	0.1	221	<1	0.02	9	<10	4300	>10.0	20	<1	4	<20	<0.01	<10	<10	3	10	34000
HEGZ10-01	E559520	87.04	88.40	1.36	0.074	9.2	0.46	<2	<10	40	<0.5	5	0.24	<0.5	10	3	94	1	<10	<1	0.18	10	0.12	79	13	0.06	15	250	120	0.52	2	1	19	<20	0.01	<10	<10	4	<10	127
BLANK	E559521A				<0.005	<0.2	0.5	<2	<10	50	<0.5	<2	0.36	<0.5	4	5	12	1.31	<10	<1	0.2	20	0.26	149	<1	0.1	<1	360	3	0.09	<2	1	40	<20	0.11	<10	<10	22	<10	62
HEGZ10-01	E559521	88.40	89.32	0.92	0.012	7	1.27	<2	<10	120	<0.5	<2	0.47	<0.5	30	76	149	3.18	10	<1	0.56	30	0.7	402	4	0.09	55	770	27	1.54	<2	6	60	<20	0.15	<10	<10	51	<10	160
HEGZ10-03	E559522	75.66	76.54	0.88	<0.005	0.2	0.47	<2	<10	50	<0.5	<2	0.11	<0.5	1	3	5	0.85	<10	<1	0.28	10	0.19	93	1	0.02	<1	50	8	0.65	<2	<1	4	<20	0.01	<10	<10	2	<10	118
HEGZ10-03	E559523	76.54	77.72	1.18	0.005	0.4	0.82	<2	<10	60	<0.5	<2	0.18	<0.5	4	6	5	1.13	<10	<1	0.41	10	0.35	234	<1	0.05	3	240	<2	0.32	<2	<1	12	<20	0.05	<10	<10	7	<10	40
HEGZ10-03	E559524	77.72	79.25	1.53	0.021	0.4	1.46	<2	<10	40	<0.5	<2	0.6	<0.5	4	6	2	1.02	<10	<1	0.35	10	0.51	212	<1	0.14	3	250	<2	0.42	<2	1	45	<20	0.04	<10	<10	8	<10	39
HEGZ10-03	E559525	79.25	80.82	1.57	<0.005	<0.2	1.87	<2	<10	140	<0.5	<2	0.68	<0.5	5	11	3	1.51	10	<1	0.63	20	0.63	252	1	0.18	4	450	<2	0.27	<2	1	80	<20	0.1	<10	<10	18	<10	46
HEGZ10-03	E559526	80.82	82.30	1.48	<0.005	0.3	2.22	<2	<10	110	<0.5	<2	0.85	<0.5	5	19	5	1.45	10	<1	0.66	10	0.82	248	<1	0.19	6	340	<2	0.33	<2	1	87	<20	0.09	<10	<10	18	<10	41
HEGZ10-03	E559527	82.30	83.74	1.44	0.007	0.4	1.86	<2	<10	50	<0.5	<2	0.61	<0.5	5	12	4	1.49	10	<1	0.66	10	0.82	323	1	0.17	4	250	<2	0.84	<2	1	41	<20	0.07	<10	<10	13	<10	41
BLANK	E559528A				<0.005	<0.2	0.51	<2	<10	30	<0.5	<2	0.39	<0.5	3	7	10	1.29	<10	<1	0.19	20	0.28	143	<1	0.1	<1	370	<2	0.11	<2	1	45	<20	0.11	<10	<10	21	<10	38
HEGZ10-03	E559528	83.74	84.40	0.66	0.015	1.4	2.64	2	<10	320	<0.5	2	0.33	<0.5	15	11	21	4.9	10	<1	1.95	10	1.57	1020	<1	0.09	6	630	<2	0.56	<2	2	30	<20	0.4	<10	<10	88	<10	109
HEGZ10-03	E559529	84.40	85.88	1.48	0.011	1.5	0.73	<2	<10	40	<0.5	<2	0.47	1.2	5	4	14	2.01	<10	<1	0.42	10	0.44	379	<1	0.03	1	240	12	1.73	<2	1	5	<20	0.04	<10	<10	11	<10	510
HEGZ10-03	E559530	85.88	87.30	1.42	0.009	1	0.36	4	<10	40	<0.5	<2	0.57	4.8	4	3	52	1.91	<10	<1	0.15	<10	0.04	71	1	0.01	2	220	17	1.93	<2	<1	9	<20	<0.01	<10	<10	2	<10	978
HEGZ10-03	E559531	87.30	88.24	0.94	1.45	149	0.42	17	<10	20	<0.5	16	0.26	117	3	3	674	5.44	<10	<1	0.13	<10	0.16	74	<1	0.01	3	40	6930	7.4	95	<1	6	<20	<0.01	<10	<10	3	10	21200
HEGZ10-03	E559532	88.24	89.14	0.90	1.625	39.4	0.51	7	<10	30	<0.5	2	0.18	13.7	3	3	136	5.08	<10	<1	0.13	<10	0.11	41	<1	0.02	<1	70	509	6	7	<1	10	<20	<0.01	<10	<10	1	<10	3110
HEGZ10-03	E559533	89.14	90.54	1.40	0.038	4.5	0.66	10	<10	40	<0.5	2	0.23	2	5	4	13	6.35	<10	<1	0.26	<10	0.44	48	1	0.04	4	100	112	7.6	<2	<1	10	<20	0.01	<10	<10	4	<10	570
HEGZ10-03	E559534	90.54	91.52	0.98	0.062	6.8	0.75	7	<10	50	<0.5	<2	0.38	3.7	12	25	72	3.02	<10	<1	0.13	10	0.11	71	<1	0.08	24	200	182	2.96	<2	1	39	<20	0.01	<10	<10	10	<10	805
BLANK	E559535A				<0.005	<0.2	0.55	<2	<10	40	<0.5	166	0.31	<0.5	4	7	15	1.33	<10	<1	0.24	20	0.28	147	110	0.1	2	340	2	0.16	<2	1	41	<20	0.1	<10	<10	21	<10	57
HEGZ10-03	E559535	91.52	93.19	1.67	0.005	2.3	0.62	<2	<10	110	<0.5	2	0.23	<0.5	11	13	17	1.2	<10	<1	0.29	10	0.27	117	6	0.05	14	390	5	0.63	<2	1	27	<20	0.03	<10	<10	12	<10	28
HEGZ10-03	E559536	93.19	94.39	1.20	0.01	4.4	0.56	<2	<10	30	<0.5	2	0.42	<0.5	31	16	151	5.59	<10	<1	0.17	10	0.24	142	6	0.05	51	350	7	4.1	<2	2	27	<20	0.03	<10	<10	14	<10	73
HEGZ10-01	E559537	56.34	58.04	1.70	<0.005	<0.2	0.9	<2	<10	30	<0.5	<2	1.52	<0.5	12	63	33	1.79	<10	<1	0.11	30	0.45	312	<1	0.06	26	760	<2	0.11	<2	6	86	<20	0.13	<10	<10	56	<10	33
HEGZ10-01	E559538	58.04	59.44	1.40	<0.005	<0.2	1.54	<2	<10	40	<0.5	2	1.42	<0.5	37	137	161	3.14	<10	<1	0.15	<10	0.72	631	1	0.12	84	320	2	0.32	<2	15	26	<20	0.16	<10	<10	138	<10	47
HEGZ10-01	E559539	59.44	60.90	1.46	<0.005	<0.2	1.69	<2	<10	70	<0.5	<2	1.58	<0.5	37	143	143	3.39	<10	<1	0.21	<10	0.67	598	1	0.16	90	250	<2	0.45	<2	14	26	<20	0.16	<10	<10	125	<10	38

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-05	E559540	59.95	60.89	0.94	<0.005	0.5	3.28	<2	<10	150	<0.5	<2	1.51	<0.5	47	118	139	5.36	10	<1	0.96	10	1.16	667	1	0.31	70	330	4	0.82	<2	21	78	<20	0.27	<10	<10	230	<10	89
HEGZ10-05	E559541	60.89	61.93	1.04	0.089	0.6	0.36	<2	<10	40	<0.5	<2	0.12	<0.5	1	4	2	0.91	<10	<1	0.2	10	0.05	39	1	0.03	1	40	14	0.81	<2	<1	6	<20	<0.01	<10	<10	1	<10	121
HEGZ10-05	E559542	61.93	63.43	1.50	0.007	0.6	0.99	<2	<10	60	<0.5	<2	0.2	<0.5	3	7	6	1.14	<10	<1	0.54	10	0.58	241	1	0.08	5	240	2	0.39	<2	1	11	<20	0.06	<10	<10	9	<10	41
HEGZ10-05	E559543	63.43	65.01	1.58	0.015	0.3	1.57	<2	<10	40	<0.5	<2	0.5	<0.5	4	8	11	1.29	<10	<1	0.54	10	0.72	278	2	0.15	4	230	4	0.72	<2	1	46	<20	0.05	<10	<10	8	<10	44
HEGZ10-05	E559544	65.01	66.51	1.50	<0.005	0.3	2.09	<2	<10	60	<0.5	<2	1.04	<0.5	5	13	6	1.32	10	<1	0.42	10	0.68	230	1	0.21	4	350	4	0.35	<2	1	65	<20	0.09	<10	<10	15	<10	41
HEGZ10-05	E559545	66.51	68.00	1.49	0.01	0.7	1.55	<2	<10	100	<0.5	<2	0.97	<0.5	6	21	13	1.57	<10	<1	0.42	10	0.79	281	2	0.09	7	420	6	0.62	<2	2	48	<20	0.07	<10	<10	19	<10	38
HEGZ10-05	E559546	68.00	69.56	1.56	0.017	0.6	1.28	2	<10	50	<0.5	<2	0.56	<0.5	6	16	24	1.66	<10	<1	0.52	10	0.82	385	1	0.08	4	330	8	1.43	<2	1	18	<20	0.04	<10	<10	12	<10	69
BLANK	E559547				<0.005	0.2	0.68	<2	<10	50	<0.5	2	0.37	<0.5	3	7	11	1.43	<10	<1	0.31	20	0.32	165	258	0.14	2	370	<2	0.12	<2	1	56	<20	0.12	<10	<10	23	<10	49
HEGZ10-05	E559548	69.56	70.65	1.09	0.014	0.7	2.05	<2	<10	250	<0.5	<2	0.7	<0.5	12	5	19	3.97	10	<1	1.33	10	1.25	753	1	0.1	3	590	8	0.7	<2	2	32	<20	0.29	<10	<10	65	<10	141
HEGZ10-05	E559549	70.65	71.57	0.92	0.027	1.4	0.36	3	<10	30	<0.5	<2	0.41	5.3	4	3	47	1.67	<10	<1	0.17	10	0.06	60	2	0.04	6	200	38	1.62	<2	<1	7	<20	<0.01	<10	<10	3	<10	1090
HEGZ10-05	E559550	71.57	72.73	1.16	0.008	0.7	0.43	3	<10	30	<0.5	<2	0.56	1	4	2	21	2.84	<10	<1	0.18	10	0.1	37	3	0.04	6	160	21	3.03	<2	<1	11	<20	<0.01	<10	<10	2	<10	270
HEGZ10-05	E559551	72.73	74.11	1.38	0.008	0.9	0.44	2	<10	60	<0.5	<2	0.26	<0.5	3	2	1	2.65	<10	<1	0.12	<10	0.04	26	1	0.07	3	60	3	2.86	<2	<1	106	<20	<0.01	<10	<10	2	<10	10
HEGZ10-05	E559552	74.11	75.58	1.47	0.011	2.3	0.34	2	<10	40	<0.5	<2	0.09	<0.5	9	3	31	3.06	<10	<1	0.13	10	0.03	34	3	0.07	8	50	4	2.73	<2	<1	15	<20	0.01	<10	<10	2	<10	46
HEGZ10-05	E559553	75.58	77.30	1.72	0.04	5	0.73	2	<10	40	<0.5	<2	0.36	<0.5	19	9	61	5.55	<10	<1	0.2	10	0.28	97	13	0.08	29	290	10	4.79	<2	1	22	<20	0.03	<10	<10	11	<10	133
HEGZ10-05	E559554	77.30	78.87	1.57	<0.005	0.4	1.63	<2	<10	40	<0.5	<2	1.46	<0.5	17	98	27	1.95	10	<1	0.25	50	0.71	398	25	0.11	43	1190	4	0.44	<2	5	173	<20	0.19	<10	<10	49	<10	56
HEGZ10-07	E559555	60.96	62.49	1.53	<0.005	0.4	2.14	2	<10	50	<0.5	<2	1.55	<0.5	47	166	173	4.54	10	<1	0.23	<10	0.75	574	<1	0.21	102	300	5	0.88	<2	19	19	<20	0.18	<10	<10	199	<10	53
HEGZ10-07	E559556	62.49	63.78	1.29	0.005	0.3	1.89	2	<10	170	<0.5	<2	1.18	<0.5	30	73	126	4.49	10	<1	0.54	10	0.76	602	1	0.22	39	490	3	0.52	<2	16	31	<20	0.19	<10	<10	175	<10	89
HEGZ10-07	E559557	63.78	65.26	1.48	<0.005	<0.2	0.78	<2	<10	50	<0.5	<2	0.18	<0.5	1	4	7	0.68	<10	<1	0.34	10	0.33	153	1	0.07	1	50	5	0.31	<2	1	13	<20	0.01	<10	<10	6	<10	66
HEGZ10-07	E559558	65.26	66.70	1.44	<0.005	0.2	1.22	<2	<10	310	<0.5	<2	0.28	<0.5	5	4	8	1.85	10	<1	0.78	20	0.59	309	<1	0.06	1	570	<2	0.2	<2	3	23	<20	0.15	<10	<10	29	<10	68
BLANK	E559559				<0.005	<0.2	0.56	<2	<10	50	<0.5	<2	0.31	<0.5	4	4	10	1.4	<10	<1	0.31	20	0.29	156	<1	0.1	1	340	<2	0.06	<2	1	41	<20	0.12	<10	<10	22	<10	48
HEGZ10-07	E559560	66.70	68.21	1.51	0.007	0.2	1.13	<2	<10	50	<0.5	<2	0.34	<0.5	3	5	5	0.92	<10	<1	0.41	10	0.51	188	<1	0.16	3	250	<2	0.33	<2	1	20	<20	0.05	<10	<10	8	<10	27
HEGZ10-07	E559561	68.21	69.89	1.68	<0.005	0.4	1.89	<2	<10	70	<0.5	<2	0.66	<0.5	4	10	4	1.26	10	<1	0.56	10	0.67	231	<1	0.27	5	250	<2	0.32	<2	1	73	<20	0.07	<10	<10	11	<10	39
HEGZ10-07	E559562	69.89	71.41	1.52	0.005	0.3	2.27	<2	<10	90	<0.5	<2	0.94	<0.5	5	14	7	1.43	10	<1	0.55	10	0.86	245	<1	0.26	4	310	3	0.24	<2	1	98	<20	0.09	<10	<10	15	<10	43
HEGZ10-07	E559563	71.41	72.75	1.34	0.012	0.6	2.94	<2	<10	60	0.6	<2	1.38	<0.5	4	11	4	1.22	10	<1	0.53	10	0.93	225	<1	0.22	3	250	6	0.28	<2	1	89	<20	0.07	<10	<10	11	<10	37
HEGZ10-07	E559564	72.75	74.00	1.25	0.009	0.5	2.63	<2	<10	50	0.6	<2	1.07	<0.5	4	10	6	1.39	10	<1	0.56	10	1.08	284	1	0.19	6	260	10	0.68	<2	1	104	<20	0.05	<10	<10	9	<10	42
HEGZ10-07	E559565	74.00	75.13	1.13	0.008	0.5	1.42	3	<10	40	0.5	<2	0.58	<0.5	4	11	10	1.64	<10	<1	0.39	10	0.64	300	<1	0.05	4	290	14	1.36	<2	1	12	<20	0.03	<10	<10	8	<10	86
HEGZ10-07	E559566	75.13	75.97	0.84	0.031	2.9	1.88	<2	<10	240	<0.5	<2	0.36	1.3	12	13	54	4.19	10	<1	1.21	10	1.26	685	<1	0.08	5	600	32	0.94	<2	2	19	<20	0.26	<10	<10	63	<10	491
HEGZ10-07	E559567	75.97	77.20	1.23	0.046	2.2	0.32	4	<10	30	<0.5	<2	0.22	15.9	4	2	125	1.7	<10	<1	0.18	10	0.04	44	4	0.02	8	70	31	1.82	<2	<1	7	<20	<0.01	<10	<10	1	<10	3020
BLANK	E559568				<0.005	<0.2	0.51	<2	<10	40	<0.5	<2	0.32	<0.5	3	4	5	1.28	<10	<1	0.25	20	0.25	150	<1	0.1	2	330	<2	0.02	<2	1	39	<20	0.12	<10	<10	20	<10	62
HEGZ10-07	E559569	77.20	78.47	1.27	0.619	59.4	0.31	9	<10	20	<0.5	3	0.29	95.7	3	3	580	4.55	<10	<1	0.14	<10	0.05	52	<1	0.02	3	10	1975	6.1	18	<1	8	<20	<0.01	<10	<10	1	<10	17700
HEGZ10-07	E559570	78.47	79.89	1.42	0.948	65.7	0.31	15	<10	20	<0.5	12	0.12	38	1	3	384	4.63	<10	<1	0.11	<10	0.06	42	1	0.02	<1	50	2140	5.7	31	<1	9	<20	<0.01	<10	<10	1	10	8300
HEGZ10-07	E559571	79.89	81.30	1.41	0.139	5.4	0.62	10	<10	20	<0.5	<2	0.11	1.9	5	3	56	7.27	<10	<1	0.17	<10	0.14	37	<1	0.11	4	50	130	8.8	<2	<1	53	<20	<0.01	<10	<10	1	<10	446
HEGZ10-07	E559572	81.30	83.02	1.72	0.009	2.4	0.41	<2	<10	40	<0.5	<2	0.16	0.5	8	5	27	0.77	<10	<1	0.15	10	0.13	63	7	0.05	10	270	13	0.48	<2	<1	16	<20	0.01	<10	<10	3	<10	231
HEGZ10-07	E559573	83.02	84.60	1.58	0.006	1.8	0.9	<2	<10	60	<0.5	<2	0.37	<0.5	19	20	40	2.37	<10	<1	0.28	20	0.49	207	2	0.07	34	530	16	1.21	<2	2	41	<20	0.06	<10	<10	24	<10	82
HEGZ10-03	E559574	107.03	108.26	1.23	<0.005	0.6	1.14	<2	<10	10	<0.5	<2	1.57	<0.5	20	30	145	2.87	<10	<1	0.1	<10	0.95	505	<1	0.14	38	330	2	0.33	<2	8	29	<20	0.15	<10	<10	75	<10	42
HEGZ10-03	E559575	108.26	109.19	0.93	<0.005	0.5	1.11	<2	20	10	<0.5	<2	1.57	<0.5	27	21	165	3.03	<10	<1	0.09	<10	0.85	413	<1	0.13	38	340	2	0.63	<2	8	28	<20	0.16	<10	<10	75	<10	62
HEGZ10-03	E559576	109.19	110.35	1.16	<0.005	0.3	1.32	<2	<10	200	<0.5	<2	1.2	<0.5	21	243	92	3.01	<10	<1	0.51	10	1.29	409	<1	0.14	119	490	<2	0.18	<2	8	14	<20	0.23	<10	<10	78	<10	63
HEGZ10-09	E559577	67.68	68.95	1.27	<0.005	0.2	0.46	<2	<10	60	<0.5	<2	0.1	<0.5	1	4	5	0.71	<10	<1	0.23	10	0.14	82	<1	0.03	3	60	4	0.5	<2	<1	4	<20	<0.01	<10	<10	2	<10	52
BLANK	E559578				<0.005	<0.2	0.6	<2	<10	40	<0.5	<2	0.33	<0.5	5	6	6	1.45	<10	<1	0.28	20	0.31	167	<1	0.1	3	380	<2	0.04	<2	1	43	<20	0.12	<10	<10	23	<10	49
HEGZ10-09	E559579	68.95	70.56	1.61	0.011	0.6	1.21	<2	<10	60	<0.5	<2	0.3	<0.5	4	6	7	1.23	<10	<1	0.52	10	0.58	258	<1	0.12	5	250	<2	0.44	<2	1	23	<20	0.06	<10	<10	8	<10	38
HEGZ10-09	E559580	70.56	72.04	1.48	0.023	0.3	1.59	<2	<10	40	<0.5	<2	0.48	<0.5	4	6	9	1.31	<10	<1	0.45	10	0.61	262	1	0.22	5	240	3	0.8	<2	<1	31	<20	0.04	<10	<10	5	<10	56
HEGZ10-09	E559581	72.04	73.54	1.50	0.007	0.3	1.53	<2	<10	120	<0.5	<2	0.37	<0.5	5	6	8	1.47	<10	<1	0.64	10	0.76	292	<1	0.14	5	370	<2	0.42	<2	1	29	<20	0.1	<10	<10	15	<10	45
HEGZ10-09	E559582	73.54	75.19	1.65	0.009	0.3	1.51	<2	<10	80	<0.5	<2	0.59	<0.5	6	28	7	1.65	10	<1	0.61	10	0.89	403	1	0.08	9	330	4	0.65	<2	2	28	<20	0.06	<10	<10	18	<10	53

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-07	E559583	19.84	21.34	1.50	<0.005	0.2	1.72	<2	<10	180	<0.5	<2	0.74	<0.5	9	59	13	2.25	10	<1	0.81	50	1.13	582	1	0.09	24	680	3	0.24	<2	4	53	<20	0.16	<10	<10	59	<10	42
HEGZ10-07	E559584	21.34	22.14	0.80	<0.005	<0.2	0.7	<2	<10	70	<0.5	<2	0.28	<0.5	2	23	3	0.96	<10	<1	0.31	10	0.52	300	<1	0.04	5	230	4	0.04	<2	1	14	<20	0.03	<10	<10	19	<10	19
HEGZ10-07	E559585	22.14	23.60	1.46	<0.005	<0.2	1.15	<2	<10	130	<0.5	<2	0.43	<0.5	5	40	7	1.52	<10	1	0.5	30	0.87	398	1	0.08	13	310	3	0.04	<2	3	32	<20	0.11	<10	<10	29	<10	41
BLANK	E559586				<0.005	<0.2	0.59	<2	<10	40	<0.5	<2	0.34	<0.5	4	7	7	1.53	<10	1	0.29	20	0.31	169	<1	0.11	1	380	<2	0.08	<2	1	44	<20	0.12	<10	<10	24	<10	48
HEGZ10-07	E559587	44.41	45.88	1.47	<0.005	0.2	1.4	<2	<10	50	<0.5	<2	1.34	<0.5	17	39	67	2.75	10	<1	0.57	50	0.91	433	2	0.11	16	1560	2	0.54	<2	5	71	<20	0.22	<10	<10	58	<10	64
HEGZ10-11	E559588	45.72	46.93	1.21	<0.005	0.9	0.82	<2	<10	30	<0.5	2	0.28	0.8	4	21	5	0.99	<10	<1	0.32	10	0.51	299	1	0.04	6	190	12	0.28	<2	1	46	<20	0.05	<10	<10	10	<10	234
HEGZ10-11	E559589	46.93	48.25	1.32	<0.005	0.8	0.99	<2	<10	40	<0.5	3	0.3	<0.5	4	9	16	1.21	<10	<1	0.37	10	0.5	326	<1	0.05	2	200	4	0.15	<2	1	17	<20	0.06	<10	<10	9	<10	36
HEGZ10-11	E559590	48.25	49.39	1.14	<0.005	0.8	1.5	<2	<10	100	<0.5	2	0.49	<0.5	7	16	6	1.98	10	<1	0.7	20	0.93	397	<1	0.08	6	520	2	0.06	<2	3	41	<20	0.18	<10	<10	34	<10	48
HEGZ10-11	E559591	49.39	50.94	1.55	0.042	4.2	1.1	<2	<10	50	<0.5	3	0.47	6	8	20	75	2.2	<10	<1	0.28	10	0.69	285	<1	0.03	9	340	15	1.57	<2	2	29	<20	0.04	<10	<10	15	<10	1325
HEGZ10-09	E559592	75.19	76.09	0.90	0.012	0.2	1.88	<2	<10	150	<0.5	<2	0.69	<0.5	5	9	6	1.47	<10	<1	0.67	10	0.89	374	<1	0.09	5	390	5	0.45	<2	1	44	<20	0.09	<10	<10	17	<10	50
HEGZ10-09	E559593	76.09	77.13	1.04	0.033	0.5	1.64	2	<10	50	0.9	2	0.63	0.6	5	14	9	1.29	<10	<1	0.54	10	0.84	497	23	0.06	6	290	13	0.82	<2	1	29	<20	0.05	<10	<10	12	<10	148
HEGZ10-09	E559594	77.13	78.61	1.48	0.032	1.9	2.14	<2	<10	210	<0.5	<2	0.32	<0.5	12	26	25	3.79	10	<1	1.37	10	1.49	900	<1	0.08	13	760	<2	1.17	<2	2	15	<20	0.27	<10	<10	61	<10	92
BLANK	E559595				<0.005	<0.2	0.46	<2	<10	30	<0.5	<2	0.34	<0.5	4	5	13	1.25	<10	<1	0.2	20	0.22	129	4	0.1	2	350	<2	0.11	<2	1	36	<20	0.12	<10	<10	19	<10	38
HEGZ10-09	E559596	78.61	79.89	1.28	<0.005	0.3	0.89	<2	<10	40	<0.5	<2	0.57	<0.5	4	5	1	1.43	<10	<1	0.38	10	0.58	299	<1	0.03	5	240	19	1.32	<2	<1	9	<20	0.02	<10	<10	4	<10	37
HEGZ10-09	E559597	79.89	81.63	1.74	0.087	5.8	0.45	4	<10	30	<0.5	4	0.41	11.5	4	4	124	2.41	<10	<1	0.15	10	0.1	74	<1	0.02	5	130	191	2.52	<2	<1	9	<20	<0.01	<10	<10	1	<10	2250
HEGZ10-09	E559598	81.63	83.28	1.65	0.011	5.5	0.58	4	<10	40	<0.5	3	0.14	1.9	5	5	158	3.7	<10	<1	0.17	<10	0.21	57	1	0.05	8	40	76	3.59	<2	<1	20	<20	<0.01	<10	<10	3	<10	485
HEGZ10-09	E559599	83.28	84.71	1.43	0.038	22.2	0.68	3	<10	30	<0.5	2	0.16	1.8	5	6	1360	3.73	<10	<1	0.13	10	0.36	100	3	0.05	16	90	273	3.24	<2	<1	13	<20	<0.01	<10	<10	2	<10	673
HEGZ10-09	E559600	84.71	85.85	1.14	0.046	12.5	0.92	2	<10	50	<0.5	4	0.21	<0.5	12	6	210	7.09	<10	<1	0.24	10	0.34	119	2	0.06	29	240	27	5.08	<2	1	19	<20	0.02	<10	<10	7	<10	134
HEGZ10-09	E559601	85.85	86.73	0.88	0.015	3.7	0.65	<2	<10	40	<0.5	<2	0.22	0.5	16	11	63	2.13	<10	<1	0.25	10	0.31	150	19	0.07	29	320	59	1.06	<2	2	21	<20	0.03	<10	<10	13	<10	206
HEGZ10-11	E559602	37.03	39.47	2.44	<0.005	0.3	2.46	2	<10	20	<0.5	<2	2.24	<0.5	36	102	138	4.69	10	<1	0.13	10	1.04	764	<1	0.1	58	460	5	0.63	<2	16	20	<20	0.18	<10	<10	171	<10	88
HEGZ10-11	E559603	39.47	41.07	1.60	<0.005	0.4	3.18	4	<10	20	<0.5	<2	2.26	0.7	42	114	158	5.66	10	<1	0.11	10	0.91	882	<1	0.08	73	510	86	1.01	<2	16	16	<20	0.2	<10	<10	192	<10	400
HEGZ10-11	E559604	41.07	42.19	1.12	<0.005	0.2	0.72	2	<10	40	<0.5	<2	0.39	<0.5	2	6	6	0.74	<10	<1	0.15	10	0.26	122	<1	0.03	5	60	8	0.25	<2	1	4	<20	0.01	<10	<10	5	<10	39
HEGZ10-11	E559605	42.19	43.62	1.43	<0.005	0.2	0.39	<2	<10	40	<0.5	<2	0.11	<0.5	1	4	4	0.62	<10	<1	0.17	10	0.11	48	<1	0.02	2	50	7	0.5	<2	<1	3	<20	<0.01	<10	<10	1	<10	16
HEGZ10-11	E559606	43.62	44.79	1.17	0.006	0.3	0.46	<2	<10	30	<0.5	<2	0.14	<0.5	2	10	2	0.58	<10	<1	0.17	10	0.22	91	<1	0.02	6	70	12	0.4	<2	<1	4	<20	0.01	<10	<10	2	<10	33
HEGZ10-11	E559607	44.79	45.72	0.93	<0.005	0.9	0.84	2	<10	30	<0.5	<2	0.34	<0.5	3	11	5	1.04	<10	<1	0.3	10	0.47	184	<1	0.05	8	340	<2	0.21	<2	1	16	<20	0.07	<10	<10	10	<10	35
BLANK	E559608				<0.005	<0.2	0.5	<2	<10	40	<0.5	<2	0.51	<0.5	4	7	29	1.31	<10	<1	0.23	20	0.29	151	<1	0.09	6	380	5	0.15	<2	1	43	<20	0.11	<10	<10	20	<10	41
HEGZ10-11	E559609	50.94	52.45	1.51	<0.005	1	1.5	<2	<10	40	<0.5	6	0.54	<0.5	5	8	31	1.63	<10	<1	0.24	10	0.88	395	22	0.07	6	270	34	0.93	<2	1	60	<20	0.04	<10	<10	8	<10	134
HEGZ10-11	E559610	52.45	54.01	1.56	0.015	2.7	0.79	2	<10	20	<0.5	18	0.3	<0.5	4	4	9	1.34	<10	<1	0.21	10	0.45	170	3	0.02	2	240	39	1.04	<2	<1	9	<20	0.01	<10	<10	2	<10	147
HEGZ10-11	E559611	54.01	55.93	1.92	<0.005	0.2	0.68	2	<10	20	<0.5	3	0.21	<0.5	4	3	6	1.93	<10	<1	0.19	<10	0.32	119	7	0.02	2	180	41	1.74	<2	<1	8	<20	0.01	<10	<10	2	<10	72
HEGZ10-11	E559612	55.93	56.71	0.78	<0.005	4.1	0.67	<2	<10	20	<0.5	6	0.27	2.4	5	10	144	4.63	<10	<1	0.16	10	0.21	177	195	0.03	8	90	498	3.09	<2	1	8	<20	0.01	<10	<10	8	<10	1035
HEGZ10-11	E559613	56.71	57.79	1.08	<0.005	0.5	0.57	<2	<10	20	<0.5	<2	0.28	<0.5	12	20	24	2.12	<10	<1	0.16	10	0.22	199	15	0.06	18	280	13	1.08	<2	2	22	<20	0.03	<10	<10	16	<10	80
HEGZ10-13	E559614	43.05	44.57	1.52	<0.005	<0.2	0.54	<2	<10	50	<0.5	<2	0.27	<0.5	2	5	11	0.77	<10	<1	0.16	10	0.22	137	2	0.04	1	280	18	0.2	<2	<1	30	<20	0.02	<10	<10	3	<10	64
HEGZ10-13	E559615	44.57	45.60	1.03	<0.005	<0.2	0.71	<2	<10	70	<0.5	<2	0.21	<0.5	1	5	4	0.63	<10	<1	0.27	10	0.27	138	<1	0.05	2	100	6	0.32	<2	<1	32	<20	0.01	<10	<10	2	<10	67
BLANK	E559616				<0.005	<0.2	0.57	<2	<10	40	<0.5	2	0.32	<0.5	4	5	8	1.39	<10	<1	0.25	20	0.29	161	<1	0.1	1	350	<2	0.05	<2	1	49	<20	0.11	<10	<10	22	<10	46
HEGZ10-13	E559617	45.60	47.08	1.48	<0.005	0.5	1.34	<2	<10	60	<0.5	<2	0.44	<0.5	4	5	6	1.16	<10	<1	0.47	10	0.51	223	<1	0.12	3	250	3	0.56	<2	<1	56	<20	0.04	<10	<10	5	<10	38
HEGZ10-13	E559618	47.08	48.82	1.74	0.016	0.9	0.98	<2	<10	60	<0.5	<2	0.4	2.2	5	9	8	1.42	<10	<1	0.37	10	0.4	228	1	0.07	5	230	10	0.93	<2	1	40	<20	0.03	<10	<10	5	<10	541
HEGZ10-13	E559619	48.82	50.21	1.39	<0.005	<0.2	0.88	<2	<10	60	<0.5	<2	0.21	<0.5	4	6	15	1.11	<10	<1	0.45	10	0.4	325	<1	0.05	2	250	5	0.09	<2	1	13	<20	0.05	<10	<10	8	<10	45
HEGZ10-13	E559620	50.21	51.75	1.54	<0.005	<0.2	1.65	<2	<10	70	<0.5	<2	0.67	<0.5	8	12	9	1.8	10	<1	0.48	10	0.84	523	<1	0.09	6	430	<2	0.15	<2	2	44	<20	0.12	<10	<10	23	<10	65
HEGZ10-13	E559621	51.75	52.64	0.89	<0.005	0.5	1.7	<2	<10	80	<0.5	2	0.72	<0.5	6	20	19	1.63	<10	<1	0.5	10	0.97	403	<1	0.09	7	380	7	0.75	<2	2	42	<20	0.07	<10	<10	17	<10	67
HEGZ10-13	E559622	52.64	53.94	1.30	<0.005	0.4	1.95	<2	<10	50	<0.5	3	0.9	<0.5	6	19	41	1.8	<10	<1	0.49	10	0.84	384	2	0.12	7	300	15	1.42	<2	1	82	<20	0.04	<10	<10	10	<10	78
HEGZ10-13	E559623	53.94	55.30	1.36	<0.005	1.2	1.2	<2	<10	50	0.6	<2	0.37	2.4	5	14	34	1.81	<10	<1	0.32	10	0.54	225	27	0.07	13	280	34	1.7	<2	1	33	<20	0.01	<10	<10	6	<10	516
HEGZ10-13	E559624	55.30	56.81	1.51	<0.005	0.5	0.48	<2	<10	30	<0.5	<2	0.23	<0.5	4	5	8	1.58	<10	<1	0.19	10	0.1	52	1	0.01	5	230	14	1.45	<2	<1	8	<20	<0.01	<10	<10	2	<10	27
HEGZ10-13	E559625	56.81	58.20	1.39	0.112	5.2	0.46	<2	<10	40	<0.5	<2	0.26	<0.5	5	5	17	2.59	<10	<1	0.14	<10	0.08	40	<1	0.05	4	70	37	2.64	<2	<1	23	<20	0.01	<10	<10	2	<10	71

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BLANK	E559626				<0.005	<0.2	0.62	<2	<10	40	<0.5	<2	0.33	<0.5	4	6	3	1.57	<10	<1	0.28	20	0.33	180	<1	0.1	2	380	2	0.03	<2	1	49	<20	0.12	<10	<10	23	<10	51
HEGZ10-13	E559627	58.20	59.46	1.26	1.68	39.7	0.4	7	<10	30	<0.5	4	0.07	40.3	8	5	33	7.69	<10	<1	0.14	<10	0.1	64	1	0.04	10	30	923	9.5	<2	<1	10	<20	0.01	<10	<10	5	<10	8920
HEGZ10-13	E559628	59.46	60.71	1.25	0.405	40.5	0.42	19	<10	20	<0.5	5	0.1	5.6	7	4	127	14.6	<10	<1	0.14	<10	0.09	64	1	0.04	9	80	1360	>10.0	<2	<1	22	<20	<0.01	<10	<10	4	<10	1675
HEGZ10-13	E559629	60.71	61.42	0.71	0.015	4.8	0.83	<2	<10	40	<0.5	2	0.39	<0.5	22	17	43	2.81	<10	<1	0.15	10	0.32	181	110	0.06	30	350	54	1.94	<2	2	26	<20	0.04	<10	<10	14	<10	151
HEGZ10-15	E559630	69.11	70.14	1.03	<0.005	0.4	2.21	<2	<10	220	<0.5	<2	0.97	<0.5	31	88	112	4.89	10	<1	0.92	10	0.86	762	<1	0.19	48	470	<2	0.95	<2	15	27	<20	0.25	<10	<10	171	<10	92
HEGZ10-15	E559631	70.14	71.44	1.30	<0.005	<0.2	0.75	<2	<10	60	<0.5	<2	0.17	<0.5	1	6	6	0.71	<10	<1	0.26	10	0.21	121	3	0.14	5	110	5	0.34	<2	1	8	<20	<0.01	<10	<10	5	<10	48
HEGZ10-15	E559632	71.44	72.55	1.11	0.013	0.4	1.35	<2	<10	30	<0.5	2	0.49	<0.5	4	13	11	1.16	<10	<1	0.24	10	0.39	188	1	0.15	7	240	3	0.39	<2	<1	39	<20	0.02	<10	<10	7	<10	36
HEGZ10-15	E559633	72.55	73.90	1.35	0.005	0.3	2.04	<2	<10	30	<0.5	<2	0.74	<0.5	2	6	3	1.01	10	<1	0.3	10	0.56	212	<1	0.32	4	250	2	0.33	<2	<1	76	<20	0.03	<10	<10	6	<10	27
BLANK	E559634				<0.005	<0.2	0.49	<2	<10	40	<0.5	<2	0.38	<0.5	3	6	28	1.3	<10	<1	0.23	20	0.27	138	<1	0.09	3	400	2	0.2	<2	1	38	<20	0.1	<10	<10	19	<10	36
HEGZ10-15	E559635	73.90	75.28	1.38	<0.005	0.4	1.98	<2	<10	40	<0.5	<2	0.75	<0.5	3	7	9	1.31	10	<1	0.31	10	0.61	246	<1	0.21	6	250	4	0.36	2	1	23	<20	0.04	<10	<10	8	<10	38
HEGZ10-15	E559636	75.28	76.93	1.65	0.009	0.5	1.7	<2	<10	20	<0.5	<2	0.62	<0.5	3	13	4	1.3	<10	<1	0.26	10	0.78	255	1	0.05	7	270	3	0.48	<2	1	18	<20	0.02	<10	<10	7	<10	39
HEGZ10-15	E559637	76.93	78.50	1.57	0.012	0.5	2.29	<2	<10	50	0.5	<2	0.94	<0.5	5	18	8	1.47	10	<1	0.33	10	0.97	290	<1	0.07	7	340	4	0.47	2	2	59	<20	0.04	<10	<10	15	<10	40
HEGZ10-15	E559638	78.50	80.03	1.53	0.005	0.6	1.82	<2	<10	40	<0.5	<2	0.72	<0.5	3	15	7	1.52	10	<1	0.47	10	0.89	360	3	0.05	5	490	5	0.86	2	2	17	<20	0.05	<10	<10	16	<10	48
HEGZ10-15	E559639	80.03	81.46	1.43	0.009	1.3	2.38	<2	<10	260	<0.5	<2	0.33	<0.5	13	53	22	4.23	10	<1	1.67	20	1.71	890	<1	0.07	20	780	2	0.51	<2	3	16	<20	0.32	<10	<10	77	<10	97
HEGZ10-15	E559640	81.46	82.16	0.70	0.007	0.8	1.11	<2	<10	50	<0.5	<2	0.29	<0.5	3	11	15	1.64	<10	<1	0.49	10	0.85	454	<1	0.03	4	320	9	1.16	<2	1	11	<20	0.02	<10	<10	8	<10	68
HEGZ10-15	E559641	82.16	83.34	1.18	0.006	0.4	0.52	<2	<10	30	<0.5	<2	0.62	<0.5	3	5	3	1.71	<10	<1	0.18	10	0.12	115	1	0.02	4	290	20	1.52	<2	<1	7	<20	<0.01	<10	<10	1	<10	75
HEGZ10-15	E559642	83.34	85.05	1.71	0.011	<0.2	0.47	2	<10	40	<0.5	<2	0.08	<0.5	3	6	2	1.58	<10	<1	0.18	10	0.03	49	<1	0.02	4	250	3	1.28	<2	<1	9	<20	<0.01	<10	<10	1	<10	59
BLANK	E559643				<0.005	<0.2	0.52	2	<10	40	<0.5	<2	0.36	<0.5	2	7	13	1.37	<10	<1	0.22	20	0.25	141	33	0.11	4	370	2	0.09	2	1	42	<20	0.11	<10	<10	21	<10	41
HEGZ10-15	E559644	85.05	86.02	0.97	1.5	56.8	0.47	24	<10	20	<0.5	2	0.12	58.4	12	5	331	15	<10	<1	0.15	<10	0.09	92	4	0.03	14	120	128	>10.0	5	<1	41	<20	<0.01	<10	<10	2	<10	11500
HEGZ10-15	E559645	86.02	86.85	0.83	1.9	72.8	0.62	34	<10	10	<0.5	<2	0.27	69.5	9	2	199	19.6	<10	<1	0.12	<10	0.09	124	1	0.05	17	20	856	>10.0	11	<1	222	<20	<0.01	<10	<10	1	<10	14300
HEGZ10-15	E559646	86.85	87.84	0.99	6.23	>100	0.48	22	<10	20	<0.5	2	0.11	90.1	6	4	147	16.7	<10	1	0.17	<10	0.13	165	4	0.03	11	10	539	>10.0	8	<1	68	<20	<0.01	<10	<10	1	<10	20000
HEGZ10-15	E559647	87.84	88.69	0.85	2.15	>100	0.48	8	<10	40	<0.5	40	0.04	63.4	3	5	13600	8.34	<10	<1	0.2	<10	0.11	156	51	0.02	11	30	1525	8.3	9	<1	6	<20	<0.01	<10	<10	2	10	14450
HEGZ10-15	E559648	88.69	90.06	1.37	0.169	72.9	1.06	3	20	30	0.5	35	0.37	3.2	22	27	399	3.18	<10	<1	0.19	30	0.69	230	44	0.05	42	460	745	1.98	5	2	29	<20	0.03	<10	<10	21	<10	936
HEGZ10-19	E559649	94.84	96.34	1.50	<0.005	0.6	0.74	<2	<10	90	<0.5	<2	0.13	<0.5	<1	6	18	0.89	<10	<1	0.35	10	0.27	150	1	0.04	2	80	8	0.23	<2	<1	24	<20	<0.01	<10	<10	1	<10	63
HEGZ10-19	E559650	96.34	98.06	1.72	0.012	1.2	0.79	<2	<10	50	<0.5	<2	0.25	<0.5	3	7	13	1.24	<10	<1	0.24	10	0.18	145	<1	0.06	3	190	7	0.37	<2	<1	37	<20	<0.01	<10	<10	4	<10	40
BLANK	E559651				<0.005	<0.2	0.65	<2	<10	50	<0.5	<2	0.36	<0.5	3	7	8	1.53	<10	<1	0.31	20	0.3	174	<1	0.13	3	390	3	0.02	<2	1	54	<20	0.12	<10	<10	24	<10	63
HEGZ10-19	E559652	98.06	99.03	0.97	<0.005	0.3	1.28	<2	<10	60	<0.5	<2	0.38	<0.5	2	8	2	1.05	<10	<1	0.42	10	0.5	177	<1	0.12	3	250	2	0.14	<2	1	59	<20	0.03	<10	<10	7	<10	27
HEGZ10-19	E559653	99.03	100.50	1.47	<0.005	0.3	1.55	<2	<10	70	<0.5	<2	0.54	<0.5	2	7	11	1.21	<10	<1	0.44	10	0.53	218	<1	0.15	4	260	3	0.17	<2	1	88	<20	0.04	<10	<10	7	<10	34
HEGZ10-19	E559654	100.50	101.56	1.06	0.007	0.4	1.49	2	<10	90	<0.5	<2	0.37	<0.5	4	9	9	1.73	10	<1	0.64	10	0.77	406	<1	0.12	5	310	2	0.39	<2	1	38	<20	0.07	<10	<10	11	<10	59
HEGZ10-19	E559655	101.56	103.12	1.56	0.008	0.5	2	<2	<10	90	<0.5	<2	0.63	<0.5	5	21	7	1.68	10	<1	0.72	10	1.08	424	1	0.14	9	350	2	0.5	<2	2	81	<20	0.07	<10	<10	18	<10	40
HEGZ10-19	E559656	103.12	104.53	1.41	<0.005	0.2	2.3	<2	<10	40	<0.5	<2	1.03	<0.5	3	8	2	1.36	10	<1	0.52	10	0.91	342	1	0.13	4	270	5	0.88	<2	1	83	<20	0.03	<10	<10	6	<10	24
HEGZ10-19	E559657	104.53	105.63	1.10	<0.005	0.8	1.63	<2	<10	60	<0.5	<2	0.36	<0.5	5	31	11	2.02	10	<1	0.92	10	1.42	691	1	0.07	12	350	5	1.07	2	3	17	<20	0.09	<10	<10	25	<10	64
HEGZ10-19	E559658	105.63	106.46	0.83	0.012	1.5	2.41	2	<10	280	<0.5	<2	0.36	<0.5	12	15	23	4.47	10	<1	1.74	20	1.52	964	<1	0.09	6	810	2	0.52	<2	2	38	<20	0.32	<10	<10	79	<10	96
HEGZ10-19	E559659	106.46	107.69	1.23	0.013	1.8	1.33	<2	<10	90	<0.5	<2	0.69	<0.5	5	36	13	2.34	<10	<1	0.69	10	1	580	<1	0.06	7	350	7	1.16	<2	3	16	<20	0.06	<10	<10	27	<10	60
HEGZ10-19	E559660	107.69	108.86	1.17	0.005	0.5	0.43	<2	<10	40	<0.5	<2	0.12	<0.5	3	6	8	1.71	<10	<1	0.21	10	0.03	50	1	0.02	6	220	7	1.45	<2	<1	12	<20	<0.01	<10	<10	1	<10	39
BLANK	E559661				<0.005	<0.2	0.61	<2	<10	50	<0.5	<2	0.34	<0.5	3	6	3	1.56	<10	<1	0.3	20	0.31	183	<1	0.12	2	390	3	<0.01	<2	1	40	<20	0.12	<10	<10	25	<10	54
HEGZ10-19	E559662	108.86	110.04	1.18	0.252	34.3	0.59	4	<10	50	<0.5	<2	0.14	123	4	7	290	9.06	<10	1	0.23	<10	0.18	116	<1	0.03	6	110	1775	>10.0	10	<1	12	<20	<0.01	<10	<10	4	<10	23700
HEGZ10-19	E559663	110.04	110.54	0.50	0.808	226	0.46	13	<10	30	<0.5	22	0.05	225	4	5	671	17.6	<10	2	0.17	<10	0.15	188	<1	0.03	9	50	23000	>10.0	102	<1	7	<20	<0.01	<10	<10	2	<10	43400
HEGZ10-19	E559664	110.54	111.41	0.87	<0.005	4.8	0.81	2	<10	40	<0.5	<2	0.09	1.2	7	8	149	2.03	<10	<1	0.25	10	0.38	116	4	0.04	6	90	224	1.53	<2	<1	17	<20	<0.01	<10	<10	4	<10	228
HEGZ10-19	E559665	111.41	112.23	0.82	0.245	50.1	0.3	20	<10	20	<0.5	67	<0.01	139	9	4	202	16.7	<10	1	0.11	<10	0.06	226	11	0.02	10	10	4000	>10.0	4	<1	1	<20	<0.01	<10	<10	2	<10	30800
HEGZ10-19	E559666	112.23	113.80	1.57	0.006	7.5	1.26	<2	<10	80	<0.5	<2	0.63	0.8	23	62	142	2.99	<10	<1	0.38	30	0.75	396	9	0.09	45	680	98	1.76	<2	6	60	<20	0.08	<10	<10	42	<10	218
HEGZ10-25	E559667	147.90	149.35	1.45	<0.005	<0.2	0.81	<2	<10	50	<0.5	2	0.64	<0.5	5	6	18	1.4	<10	<1	0.12	10	0.57	189	<1	0.04	6	390	6	0.36	<2	1	13	<20	0.05	<10	<10	14	<10	85
HEGZ10-25	E559668	149.35	150.88	1.53	0.008	0.2	0.53	<2	<10	50	<0.5	<2	0.21	<0.5	3	3	6	0.99	<10	<1	0.15	10	0.19	106	<1	0.03	2	220	12	0.39	<2	<1	19	<20	0.01	<10	<10	3	<10	62

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-25	E559669	150.88	152.40	1.52	0.005	0.2	1.31	<2	<10	40	<0.5	<2	0.68	<0.5	4	5	6	1.08	<10	<1	0.19	10	0.5	193	<1	0.11	2	250	3	0.24	<2	1	47	<20	0.05	<10	<10	7	<10	31
HEGZ10-25	E559670	152.40	153.90	1.50	0.005	0.2	1.26	<2	<10	30	<0.5	<2	0.61	<0.5	4	9	8	1.24	<10	<1	0.2	10	0.69	276	<1	0.08	5	260	4	0.27	<2	1	32	<20	0.06	<10	<10	8	<10	43
BLANK	E559671	BLANK			<0.005	0.2	0.62	<2	<10	50	<0.5	<2	0.29	<0.5	4	5	24	1.5	<10	<1	0.33	20	0.31	191	<1	0.09	1	370	3	0.19	<2	1	43	<20	0.12	<10	<10	21	<10	57
HEGZ10-25	E559672	153.90	155.28	1.38	<0.005	0.2	1	<2	<10	30	<0.5	<2	0.49	<0.5	4	12	5	1.34	10	<1	0.21	10	0.71	251	<1	0.05	5	280	4	0.55	<2	1	12	<20	0.06	<10	<10	12	<10	30
HEGZ10-25	E559673	155.28	156.73	1.45	0.02	0.7	1.82	2	<10	110	<0.5	3	0.68	<0.5	13	20	26	3.65	10	<1	0.7	20	1.35	640	<1	0.08	7	830	3	0.71	<2	2	47	<20	0.27	<10	<10	61	<10	68
HEGZ10-25	E559674	156.73	158.21	1.48	0.005	0.4	0.9	<2	<10	30	<0.5	<2	0.38	<0.5	4	10	10	1.43	<10	<1	0.16	10	0.68	240	<1	0.04	3	270	10	0.81	<2	1	19	<20	0.04	<10	<10	11	<10	33
HEGZ10-25	E559675	158.21	159.45	1.24	<0.005	<0.2	0.5	<2	<10	30	<0.5	2	1.05	<0.5	4	3	<1	1.66	<10	<1	0.17	10	0.25	238	<1	0.02	2	260	7	1.44	<2	<1	7	<20	<0.01	<10	<10	2	<10	31
HEGZ10-25	E559676	159.45	160.49	1.04	<0.005	<0.2	0.24	3	<10	30	<0.5	<2	0.12	<0.5	5	3	2	1.52	<10	<1	0.15	10	0.02	28	<1	0.01	3	210	2	1.42	<2	<1	3	<20	<0.01	<10	<10	1	<10	5
HEGZ10-25	E559677	160.49	161.81	1.32	0.007	1	0.6	2	<10	70	<0.5	<2	0.92	<0.5	11	8	26	1.64	<10	<1	0.15	10	0.26	105	5	0.04	10	470	6	0.91	<2	4	15	<20	0.12	<10	<10	33	<10	12
HEGZ10-25	E559678	161.81	163.20	1.39	<0.005	2.4	3.27	2	<10	10	<0.5	<2	1.31	<0.5	35	134	86	5.51	10	<1	0.02	10	3	551	<1	0.06	73	530	7	0.32	<2	6	11	<20	0.31	<10	<10	122	<10	97
HEGZ10-28	E559679	126.52	128.02	1.50	<0.005	0.2	1.53	<2	<10	10	<0.5	<2	1.51	<0.5	21	62	155	2.19	<10	<1	0.12	<10	0.81	322	<1	0.18	67	220	<2	0.26	<2	7	11	<20	0.13	<10	<10	54	<10	22
HEGZ10-28	E559680	128.02	129.47	1.45	<0.005	0.2	1.49	<2	<10	40	<0.5	<2	1.23	<0.5	20	67	119	2.4	<10	<1	0.39	<10	1.26	323	<1	0.16	65	230	<2	0.18	<2	7	11	<20	0.15	<10	<10	60	<10	24
BLANK	E559681	BLANK			<0.005	<0.2	0.58	<2	<10	40	<0.5	<2	0.29	<0.5	3	5	15	1.43	<10	<1	0.3	20	0.3	174	<1	0.09	1	360	<2	0.06	<2	1	36	<20	0.11	<10	<10	22	<10	49
HEGZ10-28	E559682	129.47	130.40	0.93	<0.005	0.2	1.12	<2	<10	40	<0.5	<2	0.95	<0.5	24	51	162	2.46	<10	<1	0.2	<10	0.95	255	<1	0.12	76	200	<2	0.69	<2	5	13	<20	0.11	<10	<10	46	<10	20
HEGZ10-28	E559683	130.40	132.07	1.67	<0.005	<0.2	0.94	<2	<10	20	<0.5	<2	1.01	<0.5	15	44	91	1.66	<10	<1	0.07	<10	0.82	223	<1	0.14	54	220	<2	0.1	<2	6	3	<20	0.08	<10	<10	41	<10	13
HEGZ10-28	E559684	132.07	134.11	2.04	<0.005	<0.2	1.53	2	<10	40	<0.5	<2	1.12	<0.5	21	72	117	2.42	<10	<1	0.43	<10	1.24	325	<1	0.16	75	240	4	0.29	<2	7	7	<20	0.15	<10	<10	59	<10	27
HEGZ10-28	E559685	134.11	135.61	1.50	<0.005	<0.2	1.5	<2	<10	40	<0.5	<2	1.48	<0.5	29	83	172	2.52	<10	<1	0.27	<10	0.84	417	<1	0.16	97	260	2	0.42	<2	9	31	<20	0.17	<10	<10	70	<10	32
HEGZ10-28	E559686	135.61	137.16	1.55	<0.005	<0.2	1.24	<2	<10	20	<0.5	2	1.43	<0.5	32	68	162	2.21	<10	<1	0.1	<10	0.62	350	<1	0.14	88	220	<2	0.48	<2	7	18	<20	0.15	<10	<10	57	<10	25
HEGZ10-28	E559687	137.16	138.65	1.49	<0.005	<0.2	1	<2	<10	10	0.5	<2	1.21	<0.5	14	52	68	1.75	<10	<1	0.09	<10	0.57	357	1	0.15	56	180	8	0.15	<2	6	12	<20	0.1	<10	10	44	<10	35
HEGZ10-28	E559688	138.65	140.08	1.43	<0.005	<0.2	1.64	2	<10	20	<0.5	<2	1.62	<0.5	23	71	146	2.17	<10	<1	0.1	<10	0.61	411	<1	0.22	86	230	<2	0.21	<2	8	21	<20	0.15	<10	<10	63	<10	28
HEGZ10-28	E559689	140.08	141.48	1.40	<0.005	<0.2	1.04	3	<10	10	<0.5	<2	1.39	<0.5	26	72	141	2.05	<10	<1	0.1	<10	0.52	380	<1	0.15	86	370	<2	0.32	<2	7	22	<20	0.14	<10	<10	55	<10	24
HEGZ10-28	E559690	141.48	142.58	1.10	<0.005	<0.2	0.3	2	<10	10	<0.5	<2	0.39	<0.5	9	20	157	1.17	<10	<1	0.05	<10	0.15	151	<1	0.05	19	100	<2	0.36	<2	2	12	<20	0.05	<10	<10	19	<10	9
HEGZ10-28	E559691	144.24	145.74	1.50	<0.005	<0.2	1.14	<2	<10	40	<0.5	<2	1.63	<0.5	20	14	135	3.94	<10	<1	0.11	<10	0.71	519	1	0.18	14	540	<2	0.25	<2	12	8	<20	0.23	<10	<10	136	<10	37
BLANK	E559692	BLANK			<0.005	<0.2	0.51	<2	<10	40	<0.5	<2	0.31	<0.5	3	5	7	1.35	<10	<1	0.25	20	0.26	150	1	0.09	1	350	3	0.04	<2	1	33	<20	0.12	<10	<10	22	<10	45
HEGZ10-28	E559693	145.74	147.26	1.52	<0.005	0.2	1.54	<2	<10	90	<0.5	<2	1.64	<0.5	22	25	121	3.95	10	1	0.45	<10	0.93	597	1	0.18	15	510	2	0.37	<2	13	15	<20	0.27	<10	<10	132	<10	47
HEGZ10-28	E559694	147.26	148.79	1.53	<0.005	<0.2	1.43	<2	<10	50	<0.5	<2	1.88	<0.5	21	22	132	3.6	<10	<1	0.29	20	0.88	599	1	0.2	15	880	2	0.4	<2	13	33	<20	0.24	<10	<10	118	<10	42
HEGZ10-28	E559695	148.79	150.43	1.64	<0.005	<0.2	1.33	<2	<10	40	<0.5	<2	1.83	<0.5	21	21	157	3.5	<10	<1	0.21	<10	0.84	607	1	0.19	15	510	<2	0.39	<2	12	12	<20	0.23	<10	<10	105	<10	37
HEGZ10-28	E559696	8.35	8.99	0.64	<0.005	<0.2	1.07	<2	<10	30	0.6	<2	0.63	<0.5	5	8	11	1.85	10	<1	0.21	30	0.53	290	1410	0.05	<1	700	11	0.15	<2	2	21	<20	0.16	<10	<10	26	<10	53
HEGZ10-28	E559697	25.36	26.34	0.98	<0.005	<0.2	1.66	<2	<10	20	<0.5	<2	1.56	<0.5	23	144	71	2.74	10	<1	0.16	10	1.5	379	3	0.09	84	890	3	0.36	<2	6	23	<20	0.18	<10	<10	69	<10	39
HEGZ10-28	E559698	26.34	27.20	0.86	<0.005	<0.2	1.14	<2	<10	10	<0.5	<2	1.72	<0.5	29	55	115	2.45	<10	1	0.09	<10	0.83	292	4	0.1	45	440	3	0.91	<2	6	40	<20	0.13	<10	<10	56	<10	20
HEGZ10-28	E559699	142.58	144.24	1.66	<0.005	0.2	1.38	<2	<10	30	<0.5	<2	1.78	<0.5	22	15	127	3.52	<10	<1	0.18	<10	0.8	565	1	0.17	14	520	2	0.32	<2	12	14	<20	0.24	<10	<10	115	<10	40
HEGZ10-27	E559700	147.09	148.57	1.48	<0.005	0.4	0.78	2	<10	70	<0.5	<2	0.24	<0.5	6	10	27	1.43	<10	<1	0.25	10	0.52	171	2	0.04	6	90	5	0.57	<2	2	10	<20	0.03	<10	<10	18	<10	66
BLANK	E559701	BLANK			<0.005	0.2	0.48	<2	<10	30	<0.5	<2	0.29	<0.5	4	5	18	1.37	<10	<1	0.24	20	0.27	169	<1	0.08	9	350	7	0.05	<2	1	27	<20	0.13	<10	<10	23	<10	52
HEGZ10-27	E559702	148.57	150.20	1.63	0.007	0.3	0.54	2	<10	20	<0.5	<2	0.25	<0.5	4	3	5	0.87	<10	<1	0.15	10	0.18	92	<1	0.02	3	200	7	0.36	<2	<1	11	<20	0.01	<10	<10	3	<10	39
HEGZ10-27	E559703	150.20	151.88	1.68	<0.005	<0.2	0.92	<2	<10	30	<0.5	<2	0.39	<0.5	4	6	8	1.12	<10	<1	0.2	10	0.51	195	<1	0.06	4	250	4	0.32	<2	1	20	<20	0.05	<10	<10	7	<10	42
HEGZ10-27	E559704	151.88	153.16	1.28	<0.005	0.5	0.69	<2	<10	30	<0.5	<2	0.35	<0.5	5	10	10	1.06	<10	1	0.15	10	0.47	140	<1	0.03	8	260	4	0.49	<2	1	7	<20	0.04	<10	<10	6	<10	29
HEGZ10-27	E559705	153.16	154.85	1.69	<0.005	0.3	1.05	<2	<10	30	<0.5	<2	0.62	<0.5	7	15	6	1.59	10	<1	0.11	10	0.97	175	<1	0.06	7	360	<2	0.54	<2	2	11	<20	0.08	<10	<10	19	<10	18
HEGZ10-27	E559706	154.85	156.66	1.81	<0.005	0.2	2.7	<2	<10	10	<0.5	<2	1.27	<0.5	29	35	42	4.03	10	1	0.1	10	2.17	396	<1	0.15	62	520	<2	0.14	<2	3	32	<20	0.26	<10	<10	81	<10	53
HEGZ10-27	E559707	162.06	162.70	0.64	0.451	31.4	0.34	5	<10	10	<0.5	36	0.19	1.7	6	7	283	2.49	<10	<1	0.13	<10	0.15	54	<1	0.01	13	170	370	2.43	6	1	5	<20	0.01	<10	<10	5	<10	357
HEGZ10-27	E559708	162.70	164.00	1.30	7.62	144	0.33	14	<10	10	<0.5	<2	0.41	23.1	12	2	2150	16.1	<10	1	0.1	<10	0.09	43	<1	0.03	15	90	1055	>10.0	31	<1	10	<20	<0.01	<10	<10	2	<10	3960
BLANK	E559709	BLANK			<0.005	0.4	0.51	<2	<10	30	<0.5	<2	0.28	<0.5	3	5	14	1.4	<10	1	0.27	20	0.27	166	<1	0.08	2	350	4	0.06	<2	1	29	<20	0.12	<10	<10	22	<10	63
HEGZ10-27	E559710	164.00	164.93	0.93	0.027	4.7	0.59	<2	<10	30	<0.5	<2	0.46	<0.5	6	4	60	0.8	<10	<1	0.17	10	0.25	95	<1	0.04	5	110	47	0.38	<2	<1	14	<20	0.01	<10	<10	3	<10	41
HEGZ10-27	E559711	164.93	165.81	0.88	0.229	57.4	0.32	42	<10	<10	<0.5	2	0.3	48.4	15	4	102	24.3	<10	2	0.09	<10	0.12	127	<1	0.03	16	70	4200	>10.0	36	<1	8	<20	<0.01	<10	<10	3	<10	13050

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-27	E559712	165.81	166.88	1.07	0.018	10.1	1.72	<2	<10	20	<0.5	<2	1.22	0.5	15	86	118	3.07	10	<1	0.1	20	0.73	435	<1	0.05	43	750	54	1.18	<2	5	24	<20	0.12	<10	<10	55	<10	268
HEGZ10-28	E559713		81.33		<0.005	0.4	0.5	<2	<10	30	<0.5	<2	0.32	<0.5	4	5	2	1.39	<10	<1	0.24	20	0.27	171	<1	0.08	1	370	3	0.04	<2	1	30	<20	0.13	<10	<10	22	<10	58
HEGZ10-28	E559714	81.33	82.68	1.35	<0.005	0.2	1.87	3	<10	<10	<0.5	<2	1.73	<0.5	24	51	150	3.49	<10	1	0.12	<10	0.98	752	3	0.18	55	200	2	0.87	<2	9	24	<20	0.11	<10	<10	60	<10	70
HEGZ10-28	E559715	82.68	84.03	1.35	<0.005	<0.2	1.44	<2	<10	<10	<0.5	<2	1.53	<0.5	39	59	401	4.64	<10	<1	0.1	<10	0.97	678	<1	0.15	86	220	<2	1.88	<2	8	12	<20	0.14	<10	<10	67	<10	50
HEGZ10-28	E559716	84.03	85.35	1.32	<0.005	0.2	1.69	3	<10	10	<0.5	<2	2.1	<0.5	27	116	146	2.95	<10	1	0.08	90	1.26	362	<1	0.1	98	2060	3	0.89	<2	5	88	<20	0.15	<10	<10	59	<10	30
HEGZ10-28	E559717	85.35	86.85	1.50	<0.005	0.2	1.48	<2	<10	<10	<0.5	<2	1.59	<0.5	31	79	166	3.44	<10	<1	0.1	<10	0.98	550	<1	0.15	74	310	<2	0.69	<2	10	11	<20	0.19	<10	<10	91	<10	48
HEGZ10-28	E559718	86.85	88.39	1.54	<0.005	0.5	1.31	<2	<10	10	<0.5	<2	1.49	<0.5	26	101	291	3.04	10	1	0.32	10	1.02	436	<1	0.13	69	590	2	0.78	<2	9	20	<20	0.18	<10	<10	77	<10	39
HEGZ10-28	E559719	88.39	89.34	0.95	<0.005	<0.2	1.17	<2	<10	100	<0.5	<2	0.7	<0.5	10	72	47	1.92	10	1	0.76	40	0.91	269	<1	0.09	38	830	3	0.18	<2	2	57	<20	0.19	<10	<10	41	<10	64
HEGZ10-28	E559720	89.34	90.76	1.42	<0.005	<0.2	1.01	<2	<10	<10	<0.5	<2	1.35	<0.5	22	61	151	2.42	<10	1	0.15	<10	0.76	344	<1	0.14	59	260	<2	0.46	<2	8	10	<20	0.17	<10	<10	64	<10	24
BLANK	E559721	BLANK			<0.005	0.2	0.53	<2	<10	30	<0.5	<2	0.3	<0.5	4	5	7	1.4	10	1	0.27	20	0.28	163	<1	0.09	2	380	<2	0.03	<2	1	30	<20	0.13	<10	<10	24	<10	50
HEGZ10-28	E559722	97.54	98.89	1.35	<0.005	<0.2	1.34	<2	<10	10	<0.5	<2	1.67	<0.5	28	69	187	2.68	<10	1	0.07	<10	0.73	425	<1	0.13	70	370	<2	0.45	<2	8	13	<20	0.17	<10	<10	68	<10	27
HEGZ10-28	E559723	98.89	100.43	1.54	<0.005	<0.2	1.36	<2	<10	60	<0.5	<2	1.84	<0.5	28	68	180	2.77	<10	1	0.13	<10	0.82	448	<1	0.16	73	310	<2	0.51	<2	9	16	<20	0.19	<10	<10	70	<10	30
HEGZ10-28	E559724	122.10	122.96	0.86	<0.005	<0.2	1.66	<2	<10	10	<0.5	<2	2.2	<0.5	26	85	110	2.75	<10	1	0.28	<10	1.1	482	<1	0.14	77	220	<2	0.43	<2	8	25	<20	0.17	<10	<10	74	<10	41
HEGZ10-28	E559725	122.96	124.35	1.39	<0.005	0.2	1.46	<2	<10	40	<0.5	<2	1.36	<0.5	20	65	179	2.53	10	<1	0.39	<10	0.72	375	<1	0.14	56	270	<2	0.75	<2	8	154	<20	0.14	<10	<10	62	<10	33
HEGZ10-28	E559726	124.35	125.46	1.11	<0.005	0.2	0.99	<2	<10	90	<0.5	<2	1.08	<0.5	15	26	137	2.2	<10	<1	0.34	20	0.56	354	<1	0.1	22	830	<2	0.43	<2	5	49	<20	0.14	<10	<10	46	<10	33
HEGZ10-08	E562501	62.83	64.40	1.57	<0.005	0.3	0.53	<2	<10	50	<0.5	<2	0.1	<0.5	2	4	6	0.87	<10	<1	0.3	10	0.23	137	<1	0.03	3	110	4	0.47	<2	<1	8	<20	0.02	<10	<10	3	<10	53
BLANK	E562502				<0.005	<0.2	0.51	<2	<10	40	<0.5	<2	0.31	<0.5	3	6	7	1.3	<10	<1	0.26	20	0.26	147	<1	0.09	1	370	<2	0.04	<2	1	35	<20	0.12	<10	<10	21	<10	46
HEGZ10-08	E562503	64.40	65.90	1.50	0.018	0.3	1.18	<2	<10	70	<0.5	<2	0.36	<0.5	4	5	4	1.03	<10	<1	0.47	10	0.54	235	<1	0.1	4	290	<2	0.41	<2	1	42	<20	0.05	<10	<10	8	<10	27
HEGZ10-08	E562504	65.90	67.40	1.50	0.011	0.4	1.78	3	<10	160	<0.5	<2	0.59	<0.5	5	9	5	1.54	10	<1	0.64	10	0.71	324	<1	0.18	5	430	<2	0.35	<2	2	52	<20	0.11	<10	<10	20	<10	48
HEGZ10-08	E562505	67.40	69.90	2.50	0.008	0.3	1.78	<2	<10	70	<0.5	<2	0.61	<0.5	4	7	5	1.27	10	<1	0.54	10	0.82	252	1	0.16	4	280	<2	0.33	<2	1	48	<20	0.08	<10	<10	12	<10	44
HEGZ10-08	E562506	69.90	70.40	0.50	0.007	0.4	2.24	<2	<10	80	<0.5	<2	0.89	<0.5	6	26	8	1.33	10	<1	0.58	10	0.98	255	<1	0.18	11	320	<2	0.31	<2	2	86	<20	0.08	<10	<10	17	<10	40
HEGZ10-08	E562507	70.40	71.00	0.60	0.01	0.3	2.94	<2	<10	40	<0.5	<2	1.32	<0.5	4	9	2	1.2	10	<1	0.57	10	0.88	307	<1	0.25	5	250	5	0.78	<2	1	251	<20	0.04	<10	<10	7	<10	33
HEGZ10-08	E562508	71.00	72.50	1.50	0.031	2.1	1.38	<2	<10	120	<0.5	<2	0.27	1.7	7	11	21	2.65	10	<1	0.81	10	1.01	628	<1	0.06	5	410	13	1.45	<2	2	13	<20	0.12	<10	<10	31	<10	670
HEGZ10-08	E562509	72.50	74.00	1.50	0.05	3.5	0.68	3	<10	60	<0.5	<2	0.44	9.1	5	4	75	2.11	<10	<1	0.38	10	0.38	260	2	0.03	2	280	200	1.72	<2	1	16	<20	0.03	<10	<10	11	<10	1780
HEGZ10-08	E562510	74.00	75.50	1.50	0.181	9.8	0.54	7	<10	30	<0.5	<2	0.15	20.6	4	4	358	3.27	<10	<1	0.16	<10	0.13	47	1	0.03	6	100	261	3.32	<2	<1	9	<20	<0.01	<10	<10	2	<10	3910
BLANK	E562511				<0.005	0.2	0.63	<2	<10	40	<0.5	8	0.35	<0.5	4	5	17	1.56	<10	<1	0.31	20	0.33	176	454	0.1	3	390	<2	0.17	<2	1	46	<20	0.13	<10	<10	24	<10	62
HEGZ10-08	E562512	75.00	76.20	1.20	0.006	1.1	0.46	9	<10	30	<0.5	<2	0.13	<0.5	6	4	24	3.46	<10	<1	0.13	<10	0.07	32	<1	0.05	7	30	37	3.66	<2	<1	11	<20	<0.01	<10	<10	2	<10	55
HEGZ10-08	E562513	76.20	77.20	1.00	0.05	4.2	0.42	18	<10	20	<0.5	3	0.05	3.6	9	5	129	9.73	<10	1	0.12	<10	0.09	56	1	0.04	12	10	42	>10.0	<2	<1	12	<20	<0.01	<10	<10	2	<10	977
HEGZ10-08	E562514	77.20	78.70	1.50	0.055	6.1	0.79	3	<10	70	<0.5	2	0.28	<0.5	12	12	54	4.06	<10	<1	0.32	10	0.34	132	<1	0.07	20	410	39	3.65	<2	1	51	<20	0.04	<10	<10	16	<10	191
HEGZ10-08	E562515	78.70	80.27	1.57	0.009	2.9	0.64	<2	<10	60	<0.5	<2	0.19	0.8	23	8	33	3.45	<10	<1	0.29	10	0.29	124	1	0.07	32	290	62	2.83	<2	1	19	<20	0.03	<10	<10	10	<10	242
HEGZ10-10	E562516	38.32	39.50	1.18	<0.005	0.4	0.47	<2	<10	40	<0.5	<2	0.1	<0.5	2	4	5	0.45	<10	<1	0.24	10	0.17	108	3	0.03	2	120	15	0.19	<2	<1	9	<20	0.01	<10	<10	2	<10	43
HEGZ10-10	E562517	39.50	41.00	1.50	<0.005	0.6	0.97	<2	<10	50	<0.5	<2	0.34	<0.5	2	11	3	0.83	<10	<1	0.28	10	0.32	144	<1	0.07	4	170	23	0.51	<2	<1	79	<20	0.02	<10	<10	4	<10	54
HEGZ10-10	E562518	41.00	42.50	1.50	<0.005	0.7	1.12	<2	<10	100	<0.5	<2	0.46	<0.5	6	37	9	1.36	<10	<1	0.4	10	0.64	183	<1	0.04	10	340	4	0.52	<2	1	29	<20	0.07	<10	<10	19	<10	36
BLANK	E562519				<0.005	<0.2	0.57	<2	<10	40	<0.5	<2	0.33	<0.5	4	5	6	1.42	<10	<1	0.28	20	0.28	158	<1	0.1	3	370	<2	0.05	<2	1	40	<20	0.12	<10	<10	23	<10	49
HEGZ10-10	E562520	42.50	44.00	1.50	<0.005	0.3	0.79	<2	<10	50	<0.5	<2	0.24	<0.5	4	7	20	1.01	<10	<1	0.33	10	0.29	239	<1	0.05	5	250	<2	0.2	<2	1	19	<20	0.05	<10	<10	7	<10	24
HEGZ10-10	E562521	44.00	45.50	1.50	<0.005	0.2	1.39	<2	<10	30	<0.5	<2	0.52	<0.5	4	9	14	1.24	10	<1	0.46	10	0.64	375	<1	0.09	5	230	<2	0.11	<2	1	20	<20	0.08	<10	<10	13	<10	26
HEGZ10-10	E562522	45.50	47.00	1.50	<0.005	0.7	1.54	<2	<10	80	<0.5	<2	0.64	<0.5	7	13	16	1.65	10	<1	0.44	10	0.93	391	18	0.08	7	440	4	0.5	<2	2	28	<20	0.1	<10	<10	20	<10	77
HEGZ10-10	E562523	47.00	48.50	1.50	0.006	1.6	2.09	<2	10	40	0.5	<2	0.77	2.8	8	19	96	1.97	10	<1	0.45	10	1.27	485	3	0.05	15	230	13	1.67	<2	3	25	<20	0.05	<10	<10	21	<10	628
HEGZ10-10	E562524	48.50	50.00	1.50	<0.005	2.1	1.33	<2	10	40	<0.5	7	0.39	4.4	5	11	29	1.75	<10	<1	0.33	10	0.75	277	5	0.05	7	300	30	1.58	<2	1	23	<20	0.02	<10	<10	6	<10	882
HEGZ10-10	E562525	50.00	51.50	1.50	<0.005	0.5	0.65	2	<10	40	<0.5	2	0.22	<0.5	5	8	8	1.78	<10	1	0.24	10	0.28	95	<1	0.03	8	270	19	1.75	<2	1	17	<20	0.01	<10	<10	4	<10	120
HEGZ10-10	E562526	51.50	52.90	1.40	9.11	13.4	0.59	2	<10	60	<0.5	2	0.14	<0.5	6	23	22	2.59	<10	<1	0.24	10	0.26	95	5	0.05	12	70	65	2.17	<2	1	20	<20	0.02	<10	<10	9	<10	111
HEGZ10-10	E562527	52.90	54.11	1.21	0.122	48.1	0.65	<2	<10	40	<0.5	45	0.13	6.4	7	24	749	19.1	10	1	0.26	<10	0.3	155	122	0.04	22	130	683	>10.0	2	2	13	<20	0.02	<10	<10	11	<10	1420

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-10	E562528	54.11	55.16	1.05	3.07	42.4	0.61	<2	<10	40	<0.5	<2	0.39	<0.5	9	7	36	1.11	<10	<1	0.18	10	0.21	123	21	0.07	12	290	55	0.51	<2	1	24	<20	0.03	<10	<10	10	<10	80
HEGZ10-12	E562529	42.62	44.00	1.38	<0.005	0.3	0.45	<2	<10	50	<0.5	<2	0.07	<0.5	1	5	8	0.58	<10	<1	0.24	10	0.21	99	1	0.02	3	90	4	0.29	<2	<1	6	<20	0.01	<10	<10	2	<10	105
HEGZ10-12	E562530	44.00	45.50	1.50	<0.005	0.4	0.99	<2	<10	40	<0.5	<2	0.32	<0.5	3	8	7	1.07	<10	<1	0.38	10	0.58	226	<1	0.06	6	230	2	0.4	<2	1	14	<20	0.05	<10	<10	7	<10	39
BLANK	E562531				<0.005	<0.2	0.58	<2	<10	40	<0.5	<2	0.33	<0.5	4	5	7	1.42	<10	<1	0.29	20	0.28	165	<1	0.1	3	380	<2	0.06	<2	1	44	<20	0.13	<10	<10	23	<10	49
HEGZ10-12	E562532	45.50	47.00	1.50	<0.005	0.5	1.74	2	<10	30	<0.5	<2	0.79	<0.5	4	11	8	1.31	<10	<1	0.41	10	0.68	235	<1	0.13	8	280	3	0.57	<2	1	89	<20	0.05	<10	<10	8	<10	41
HEGZ10-12	E562533	47.00	48.50	1.50	<0.005	0.2	1.56	<2	<10	170	<0.5	2	0.66	<0.5	5	6	5	1.69	10	<1	0.55	20	0.66	267	<1	0.1	5	480	<2	0.28	<2	2	48	<20	0.13	<10	<10	21	<10	42
HEGZ10-12	E562534	48.50	50.00	1.50	<0.005	0.8	1.31	2	<10	70	<0.5	<2	0.47	<0.5	5	15	25	1.29	10	<1	0.42	10	0.74	253	1	0.08	8	300	5	0.6	<2	1	30	<20	0.05	<10	<10	12	<10	43
HEGZ10-12	E562535	50.00	51.50	1.50	<0.005	1.2	0.88	<2	<10	40	<0.5	2	0.42	3.2	6	9	51	1.89	<10	<1	0.31	10	0.49	198	14	0.04	10	250	29	1.77	<2	1	10	<20	0.01	<10	<10	5	<10	736
HEGZ10-12	E562536	51.50	53.00	1.50	<0.005	1.1	0.43	3	<10	40	<0.5	<2	0.09	1	6	10	34	3.45	<10	<1	0.16	10	0.17	61	1	0.03	8	70	24	3.44	<2	<1	6	<20	0.01	<10	<10	3	<10	245
HEGZ10-12	E562537	53.00	54.50	1.50	<0.005	1	0.3	<2	<10	30	<0.5	3	0.1	<0.5	4	6	3	1.85	<10	<1	0.11	<10	0.1	41	<1	0.04	6	70	3	1.78	<2	<1	18	<20	0.01	<10	<10	3	<10	13
HEGZ10-12	E562538	54.50	56.00	1.50	0.008	3.5	0.33	<2	<10	40	<0.5	10	0.14	<0.5	7	4	23	3.18	<10	<1	0.12	10	0.04	33	5	0.03	5	50	18	2.8	<2	<1	29	<20	<0.01	<10	<10	1	<10	95
HEGZ10-12	E562539	56.00	57.18	1.18	<0.005	1.1	0.52	<2	<10	30	<0.5	2	0.25	<0.5	5	4	14	1.03	<10	<1	0.13	10	0.06	35	<1	0.06	5	70	10	0.82	<2	<1	76	<20	0.01	<10	<10	2	<10	103
HEGZ10-12	E562540	57.18	58.32	1.14	<0.005	1.9	0.61	4	<10	40	<0.5	4	0.35	<0.5	15	3	14	5.35	<10	<1	0.17	<10	0.18	61	2	0.05	22	200	10	6	<2	<1	25	<20	0.01	<10	<10	4	<10	24
HEGZ10-12	E562541	58.32	58.90	0.58	0.005	2.1	0.56	<2	<10	30	<0.5	4	0.29	<0.5	19	6	36	2.53	<10	<1	0.13	10	0.24	112	7	0.06	30	270	7	1.59	<2	1	24	<20	0.03	<10	<10	8	<10	62
HEGZ10-12	E562542	26.55	27.10	0.55	0.01	1.2	1.2	<2	<10	40	<0.5	4	0.88	<0.5	27	44	171	6.23	10	<1	0.44	40	0.82	507	1	0.09	24	1170	3	2.79	<2	4	48	<20	0.18	<10	<10	55	<10	58
HEGZ10-12	E562543	62.80	64.30	1.50	<0.005	0.2	0.87	<2	<10	20	<0.5	3	0.93	<0.5	11	46	34	1.93	<10	<1	0.1	40	0.6	258	2	0.09	25	1010	4	0.45	<2	4	32	<20	0.14	<10	<10	42	<10	32
HEGZ10-14	E562544	65.36	66.85	1.49	<0.005	<0.2	0.86	<2	<10	70	<0.5	<2	0.22	<0.5	3	7	9	0.82	<10	<1	0.36	10	0.34	150	<1	0.05	3	100	4	0.28	<2	1	21	<20	0.02	<10	<10	7	<10	59
HEGZ10-14	E562545	66.85	68.35	1.50	0.02	<0.2	0.82	<2	<10	40	<0.5	<2	0.21	<0.5	4	5	5	1.08	<10	<1	0.26	10	0.24	122	<1	0.06	3	240	<2	0.4	<2	<1	24	<20	0.02	<10	<10	3	<10	23
BLANK	E562546				<0.005	<0.2	0.61	<2	<10	40	<0.5	<2	0.33	<0.5	3	5	5	1.44	<10	<1	0.28	20	0.3	168	<1	0.11	1	350	<2	0.04	<2	1	50	<20	0.12	<10	<10	22	<10	48
HEGZ10-14	E562547	68.35	69.85	1.50	<0.005	<0.2	1.99	<2	<10	60	<0.5	<2	0.64	<0.5	4	6	14	1.3	10	<1	0.47	10	0.63	285	<1	0.25	4	260	3	0.25	<2	1	104	<20	0.06	<10	<10	8	<10	57
HEGZ10-14	E562548	69.85	71.35	1.50	0.008	0.3	1.6	<2	<10	50	<0.5	<2	0.46	<0.5	5	7	9	1.18	<10	<1	0.44	10	0.61	237	<1	0.2	5	250	2	0.26	<2	1	46	<20	0.05	<10	<10	7	<10	37
HEGZ10-14	E562549	71.35	72.85	1.50	0.015	<0.2	1.79	<2	<10	70	<0.5	<2	0.61	<0.5	5	20	8	1.42	<10	1	0.5	10	0.86	298	1	0.12	8	320	<2	0.6	<2	1	74	<20	0.06	<10	<10	14	<10	33
HEGZ10-14	E562550	72.85	74.35	1.50	0.006	0.2	2.54	<2	<10	50	0.5	<2	0.99	<0.5	6	22	8	1.51	10	<1	0.55	10	1.2	406	1	0.15	8	380	4	0.83	<2	2	67	<20	0.06	<10	<10	17	<10	41
HEGZ10-14	E562551	74.35	75.85	1.50	<0.005	<0.2	2.2	<2	<10	50	<0.5	<2	0.63	<0.5	4	6	<1	1.66	10	<1	0.68	10	1.31	727	2	0.11	4	280	9	1.21	<2	1	25	<20	0.06	<10	<10	10	<10	61
HEGZ10-14	E562552	75.85	77.35	1.50	0.034	2.8	2.17	<2	<10	260	<0.5	3	0.34	<0.5	13	14	21	4.22	10	<1	1.5	10	1.43	845	<1	0.09	6	600	2	1.18	<2	2	29	<20	0.31	<10	<10	74	<10	110
HEGZ10-14	E562553	77.35	78.35	1.00	0.006	<0.2	0.38	<2	<10	40	<0.5	<2	0.24	<0.5	4	3	<1	1.54	<10	<1	0.2	10	0.11	113	<1	0.02	2	180	7	1.42	<2	<1	8	<20	0.01	<10	<10	3	<10	57
HEGZ10-14	E562554	78.35	79.45	1.10	0.053	2.6	0.29	4	<10	30	<0.5	<2	0.3	2.3	4	3	80	2	<10	<1	0.14	<10	0.04	47	<1	0.02	3	160	13	1.94	<2	<1	10	<20	<0.01	<10	<10	1	<10	509
HEGZ10-14	E562555	79.45	80.25	0.80	2.22	388	0.55	10	<10	20	<0.5	4	0.5	68.7	6	4	1115	15.3	<10	<1	0.13	<10	0.07	66	1	0.11	7	20	4440	>10.0	9	<1	29	<20	<0.01	<10	<10	2	20	13700
HEGZ10-14	E562556	80.25	82.00	1.75	0.432	49.6	0.64	19	<10	30	<0.5	2	0.15	25.1	10	9	430	11.3	<10	<1	0.17	<10	0.2	72	3	0.07	14	50	281	>10.0	<2	1	29	<20	<0.01	<10	<10	5	<10	5380
BLANK	E562557				<0.005	<0.2	0.58	<2	<10	40	<0.5	<2	0.32	<0.5	4	8	15	1.48	<10	<1	0.27	20	0.28	165	<1	0.11	3	340	11	0.12	<2	1	45	<20	0.11	<10	<10	21	<10	101
HEGZ10-14	E562558	82.00	83.5	1.50	0.023	3.9	0.57	11	<10	30	<0.5	4	0.06	5.8	7	4	81	7.26	<10	1	0.21	<10	0.26	78	1	0.03	8	40	133	8.5	<2	<1	9	<20	0.01	<10	<10	3	<10	1335
HEGZ10-14	E562559	83.5	84.90	1.40	0.014	8	0.62	<2	<10	30	<0.5	12	0.26	2.1	11	7	59	2.91	<10	<1	0.17	10	0.29	138	31	0.04	19	260	134	2.03	<2	1	17	<20	0.02	<10	<10	10	<10	595
HEGZ10-14	E562560	84.90	86.45	1.55	<0.005	1.5	1.26	<2	10	60	<0.5	2	0.75	<0.5	13	77	41	2.39	10	<1	0.33	40	0.91	436	<1	0.07	33	1010	12	0.62	<2	7	47	<20	0.17	<10	<10	57	<10	80
HEGZ10-16	E562561	66.10	67.50	1.40	0.011	1	0.74	<2	<10	40	<0.5	<2	0.22	<0.5	3	5	8	1.02	<10	<1	0.22	10	0.19	135	1	0.07	1	170	<2	0.51	<2	<1	27	<20	0.01	<10	<10	2	<10	114
HEGZ10-16	E562562	67.50	69.00	1.50	0.007	0.4	1.81	<2	<10	90	<0.5	<2	0.68	<0.5	3	10	2	1.28	10	<1	0.56	10	0.62	259	<1	0.18	2	280	2	0.3	<2	1	63	<20	0.07	<10	<10	11	<10	32
HEGZ10-16	E562563	69.00	70.50	1.50	0.024	1.6	1.62	<2	<10	80	<0.5	<2	0.51	<0.5	6	23	8	1.9	10	<1	0.72	10	1	441	1	0.09	7	410	3	1.04	<2	3	35	<20	0.08	<10	<10	20	<10	61
BLANK	E562564				<0.005	<0.2	0.49	<2	<10	40	<0.5	<2	0.31	<0.5	4	6	4	1.36	<10	<1	0.23	20	0.25	151	<1	0.08	1	350	<2	0.01	<2	1	31	<20	0.12	<10	<10	23	<10	46
HEGZ10-16	E562565	70.50	72.00	1.50	0.025	2.9	1.15	<2	<10	70	<0.5	<2	0.25	<0.5	6	17	15	2.26	<10	<1	0.77	10	0.92	609	1	0.06	4	440	10	1.28	<2	2	17	<20	0.1	<10	<10	27	<10	117
HEGZ10-16	E562566	72.00	73.50	1.50	0.022	1.6	2.29	<2	<10	270	<0.5	<2	0.36	<0.5	14	26	22	4.46	10	<1	1.74	20	1.64	988	<1	0.09	7	690	5	0.47	<2	2	38	<20	0.33	<10	<10	83	<10	108
HEGZ10-16	E562567	73.50	75.00	1.50	0.009	0.7	0.67	<2	<10	40	<0.5	<2	0.22	0.5	5	7	5	1.89	<10	<1	0.32	10	0.36	209	2	0.02	2	270	31	1.7	<2	<1	4	<20	0.01	<10	<10	4	<10	145
HEGZ10-16	E562568	75.00	76.50	1.50	0.477	7.4	0.33	2	<10	30	<0.5	<2	0.2	2.5	4	5	25	1.72	<10	<1	0.15	10	0.03	40	1	0.02	3	220	59	1.71	<2	<1	8	<20	<0.01	<10	<10	1	<10	692
HEGZ10-16	E562569	76.50	77.75	1.25	19.7	155	0.41	16	<10	30	<0.5	2	0.17	50.5	6	7	1550	26.2	<10	2	0.12	<10	0.12	194	2	0.03	13	110	840	>10.0	21	<1	8	<20	<0.01	<10	<10	4	10	10500
HEGZ10-16	E562570	77.75	80.00	2.25	0.024	3.4	0.44	<2	<10	40	<0.5	<2	0.15	<0.5	5	8	25	0.61	<10	<1	0.17	10	0.1	65	1	0.05	7	190	14	0.23	<2	1	32	<20	0.01	<10	<10	4	<10	89

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-16	E562571	80.00	81.50	1.50	1.57	22.8	1.11	3	<10	90	<0.5	3	0.4	<0.5	9	28	75	3.89	<10	<1	0.41	10	0.37	133	2	0.1	15	310	97	3.58	<2	2	57	<20	0.05	<10	<10	15	<10	171
HEGZ10-16	E562572	81.50	82.50	1.00	0.011	1.5	0.46	3	<10	60	<0.5	<2	0.25	<0.5	10	3	15	0.8	<10	1	0.16	10	0.05	51	1	0.06	14	320	8	0.34	<2	<1	22	<20	0.01	<10	<10	2	<10	63
HEGZ10-16	E562573	82.50	83.70	1.20	0.024	8.1	1.09	2	<10	60	<0.5	<2	0.69	<0.5	54	52	180	7.27	10	<1	0.26	30	0.45	308	1	0.07	75	810	10	3.94	<2	5	34	<20	0.09	<10	<10	40	<10	108
HEGZ10-16	E562574	83.70	85.20	1.50	0.01	1.9	1.14	<2	<10	40	<0.5	<2	1.05	<0.5	17	83	41	2.64	<10	1	0.29	50	0.62	385	3	0.1	43	1210	5	0.73	<2	6	46	<20	0.18	<10	<10	55	<10	74
HEGZ10-17	E562575	63.75	65.25	1.50	0.011	0.4	0.75	<2	<10	40	<0.5	<2	0.22	<0.5	3	5	7	1.17	<10	1	0.25	10	0.25	163	<1	0.07	2	180	2	0.55	<2	<1	30	<20	0.01	<10	<10	3	<10	45
	E562576																																							
	E562577																																							
	E562578																																							
HEGZ10-17	E562579	65.25	66.75	1.50	0.007	0.3	1.2	5	<10	40	<0.5	<2	0.34	<0.5	4	8	4	1.4	<10	1	0.38	10	0.46	203	<1	0.11	4	250	<2	0.52	<2	1	30	<20	0.04	<10	<10	6	<10	31
HEGZ10-17	E562580	66.75	68.25	1.50	<0.005	0.3	1.52	2	<10	80	<0.5	<2	0.49	<0.5	3	5	2	1.25	<10	1	0.58	10	0.57	277	<1	0.16	2	270	<2	0.18	<2	1	51	<20	0.07	<10	<10	9	<10	30
HEGZ10-17	E562581	68.25	69.75	1.50	0.005	0.4	1.59	4	<10	60	<0.5	<2	0.57	<0.5	5	10	4	1.3	<10	1	0.53	10	0.67	249	2	0.15	4	260	<2	0.61	<2	1	67	<20	0.05	<10	<10	7	<10	37
BLANK	E562582				<0.005	<0.2	0.57	3	<10	50	<0.5	<2	0.33	<0.5	4	6	13	1.6	<10	1	0.28	20	0.31	178	<1	0.1	2	400	<2	0.06	<2	1	36	<20	0.13	<10	<10	25	<10	50
HEGZ10-17	E562583	69.75	71.25	1.50	0.014	2.1	1.65	5	<10	140	<0.5	<2	0.29	<0.5	10	23	17	3.07	10	1	1.11	10	1.25	719	<1	0.07	5	530	7	1.19	<2	3	17	<20	0.18	<10	<10	48	<10	96
HEGZ10-17	E562584	71.25	72.75	1.50	0.013	1.3	1.3	4	<10	90	<0.5	<2	0.25	<0.5	6	19	17	2.28	10	1	0.88	10	1.05	581	<1	0.04	4	370	17	1.19	<2	2	15	<20	0.11	<10	<10	26	<10	85
HEGZ10-17	E562585	72.75	74.25	1.50	0.097	2.4	0.3	3	<10	30	<0.5	<2	0.18	0.7	5	4	10	1.77	<10	1	0.14	10	0.03	45	<1	0.02	2	270	26	1.57	<2	<1	7	<20	<0.01	<10	<10	1	<10	224
HEGZ10-17	E562586	74.25	75.80	1.55	0.179	6.2	0.4	<2	<10	30	<0.5	<2	0.23	<0.5	4	5	54	1.89	<10	<1	0.16	10	0.07	48	1	0.03	3	260	74	1.6	<2	<1	17	<20	<0.01	<10	<10	1	<10	120
HEGZ10-17	E562587	75.80	76.20	0.40	1.105	75.3	0.16	34	<10	10	<0.5	<2	0.07	73.6	8	<1	368	25.2	<10	2	0.06	<10	0.07	157	<1	0.02	6	30	2280	>10.0	36	<1	5	<20	<0.01	<10	10	3	<10	14400
HEGZ10-17	E562588	76.20	77.80	1.60	0.038	5.6	0.41	<2	<10	50	<0.5	<2	0.1	0.9	5	8	34	0.72	<10	<1	0.16	10	0.11	84	<1	0.06	5	110	67	0.31	<2	1	12	<20	0.01	<10	<10	5	<10	196
HEGZ10-17	E562589	77.80	79.25	1.45	0.008	5.2	0.76	2	<10	110	<0.5	<2	0.18	<0.5	9	27	29	1.03	<10	<1	0.36	10	0.35	151	<1	0.09	13	210	19	0.28	<2	2	38	<20	0.05	<10	<10	15	<10	68
HEGZ10-17	E562590	79.25	80.24	0.99	0.942	27.4	0.56	2	<10	30	<0.5	7	0.19	<0.5	26	10	183	4.62	<10	<1	0.2	10	0.15	106	2	0.05	32	270	358	3.37	<2	1	24	<20	0.01	<10	<10	7	<10	123
HEGZ10-17	E562591	80.24	81.75	1.51	0.008	1.8	1.35	<2	<10	100	<0.5	<2	0.78	<0.5	15	104	38	2.97	10	<1	0.63	40	0.71	568	<1	0.12	39	1120	6	0.74	<2	8	53	<20	0.22	<10	<10	75	<10	118
HEGZ10-20	E562592	104.40	105.90	1.50	0.009	0.2	0.62	<2	<10	80	<0.5	<2	0.2	<0.5	3	9	8	0.81	<10	<1	0.24	10	0.14	129	<1	0.04	3	120	3	0.28	<2	1	19	<20	0.01	<10	<10	8	<10	33
HEGZ10-20	E562593	105.90	107.40	1.50	0.02	0.4	1.19	<2	<10	70	<0.5	<2	0.4	<0.5	11	24	26	1.97	<10	<1	0.43	10	0.51	314	<1	0.1	15	330	<2	0.45	<2	3	25	<20	0.07	<10	<10	45	<10	42
HEGZ10-20	E562594	107.40	108.90	1.50	0.012	0.2	1.22	<2	<10	140	<0.5	<2	0.3	<0.5	4	4	3	1.37	<10	<1	0.55	10	0.56	244	<1	0.1	2	410	<2	0.29	<2	1	26	<20	0.08	<10	<10	15	<10	34
HEGZ10-20	E562595	108.90	110.40	1.50	0.01	0.2	1.15	<2	<10	60	<0.5	<2	0.24	<0.5	5	8	7	1.39	<10	<1	0.52	10	0.51	265	<1	0.1	4	250	<2	0.27	<2	1	20	<20	0.07	<10	<10	8	<10	40
HEGZ10-20	E562596	110.40	111.90	1.50	0.01	0.2	1.3	<2	<10	50	<0.5	<2	0.29	<0.5	4	7	4	1.39	<10	<1	0.56	10	0.71	289	<1	0.1	2	270	<2	0.36	<2	1	17	<20	0.06	<10	<10	9	<10	33
HEGZ10-20	E562597	111.90	113.40	1.50	0.01	0.5	1.81	2	<10	130	<0.5	<2	0.53	<0.5	9	16	10	2.81	10	<1	0.86	10	1.11	522	<1	0.08	5	470	<2	0.39	<2	2	38	<20	0.19	<10	<10	44	<10	56
HEGZ10-20	E562598	113.40	114.90	1.50	0.01	1.2	1.62	<2	<10	140	<0.5	<2	0.34	<0.5	9	25	16	2.51	10	<1	1.02	10	1.18	514	<1	0.08	8	420	<2	0.47	<2	3	22	<20	0.2	<10	<10	46	<10	103
HEGZ10-20	E562599	114.90	116.40	1.50	<0.005	0.4	1.74	<2	<10	40	<0.5	<2	0.81	<0.5	5	5	1	1.35	<10	<1	0.33	10	0.69	361	<1	0.12	1	250	9	1.07	<2	<1	56	<20	0.03	<10	<10	5	<10	51
BLANK	E562600				<0.005	<0.2	0.58	<2	<10	50	<0.5	<2	0.34	<0.5	4	6	2	1.5	<10	<1	0.26	20	0.28	178	<1	0.11	1	380	<2	0.02	<2	1	36	<20	0.13	<10	<10	24	<10	52
HEGZ10-20	E562601	116.40	117.90	1.50	0.01	0.6	1.05	3	<10	40	<0.5	<2	0.76	<0.5	4	5	1	1.52	<10	<1	0.2	10	0.3	264	<1	0.09	2	280	15	1.32	<2	<1	42	<20	<0.01	<10	<10	2	<10	53
HEGZ10-20	E562602	117.90	119.40	1.50	0.006	0.4	0.42	3	<10	30	<0.5	<2	0.14	<0.5	4	4	5	1.75	<10	<1	0.15	10	0.02	45	<1	0.03	2	240	4	1.61	<2	<1	6	<20	<0.01	<10	<10	1	<10	41
HEGZ10-20	E562603	119.40	120.90	1.50	2.38	82.1	0.43	11	<10	30	<0.5	<2	0.46	22.7	3	5	274	3.42	<10	<1	0.14	<10	0.05	74	<1	0.03	5	220	82	3.71	3	<1	10	<20	<0.01	<10	<10	2	<10	4310
HEGZ10-20	E562604	120.90	122.40	1.50	2.47	82	0.59	26	<10	30	<0.5	2	0.14	55.6	9	7	227	10	<10	<1	0.13	<10	0.16	90	<1	0.05	8	30	1400	>10.0	16	<1	11	<20	<0.01	<10	<10	3	20	10300
HEGZ10-20	E562605	122.40	123.90	1.50	11.4	253	0.39	35	<10	20	<0.5	<2	0.03	39.6	12	7	255	8.32	<10	1	0.11	<10	0.02	69	5	0.03	21	<10	454	10	16	<1	15	<20	<0.01	<10	<10	3	10	8290
HEGZ10-20	E562606	123.90	125.00	1.10	4.43	171	0.48	18	<10	30	<0.5	<2	0.04	76.5	5	5	132	15.9	<10	1	0.16	<10	0.13	118	<1	0.03	8	20	1740	>10.0	27	<1	10	<20	<0.01	<10	<10	2	<10	16750
HEGZ10-20	E562607	125.00	126.50	1.50	0.02	6	0.46	<2	<10	50	<0.5	<2	0.13	<0.5	12	5	47	1.01	<10	<1	0.18	10	0.06	64	<1	0.06	16	290	42	0.52	<2	<1	20	<20	0.01	<10	<10	2	<10	107
HEGZ10-20	E562608	126.50	127.50	1.00	0.032	14.4	1.07	3	<10	50	<0.5	2	0.46	<0.5	57	49	454	8.45	<10	<1	0.38	20	0.35	329	<1	0.12	89	550	17	5.29	<2	5	57	<20	0.09	<10	<10	35	<10	196
HEGZ10-21	E562609	90.65	92.15	1.50	0.014	0.9	0.7	2	<10	50	<0.5	<2	0.19	<0.5	4	9	29	1.35	<10	<1	0.18	10	0.41	164	<1	0.05	6	110	4	0.57	<2	1	6	<20	0.03	<10	<10	13	<10	61
HEGZ10-21	E562610	92.15	93.65	1.50	0.011	0.4	0.93	<2	<10	50	<0.5	2	0.37	<0.5	2	9	3	0.94	<10	<1	0.23	10	0.24	116	<1	0.06	4	200	6	0.34	<2	<1	32	<20	0.01	<10	<10	3	<10	39
HEGZ10-21	E562611	93.65	95.15	1.50	0.012	0.4	2.06	<2	<10	40	<0.5	<2	1.01	<0.5	4	6	4	1.52	10	<1	0.24	10	0.64	319	<1	0.15	2	240	3	0.36	<2	1	79	<20	0.06	<10	<10	8	<10	49
HEGZ10-21	E562612	95.15	96.65	1.50	0.009	0.4	1.9	2	<10	50	<0.5	<2	0.85	<0.5	4	12	5	1.29	10	<1	0.3	10	0.66	282	<1	0.13	5	270	3	0.25	<2	1	78	<20	0.05	<10	<10	9	<10	34
HEGZ10-21	E562613	96.65	98.15	1.50	0.007	0.3	1.35	<2	<10	30	<0.5	<2	0.51	<0.5	4	6	4	1.22	<10	<1	0.31	10	0.59	250	<1	0.07	2	250	3	0.5	<2	<1	25	<20	0.03	<10	<10	5	<10	27

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-21	E562614	98.15	99.65	1.50	0.015	1.2	1.71	5	<10	80	<0.5	<2	0.69	<0.5	6	28	17	1.79	10	<1	0.47	10	1.18	402	1	0.06	6	430	11	0.95	<2	3	28	<20	0.09	<10	<10	23	<10	49
HEGZ10-21	E562615	99.65	101.15	1.50	0.035	4.1	2.06	9	<10	160	<0.5	<2	0.43	<0.5	11	48	52	3.42	10	1	0.97	10	1.69	788	<1	0.07	10	550	19	1.25	<2	3	19	<20	0.22	<10	<10	51	<10	110
BLANK	E562616	BLANK			<0.005	<0.2	0.52	5	<10	40	<0.5	<2	0.31	<0.5	4	6	6	1.56	<10	<1	0.28	20	0.29	170	<1	0.08	<1	380	3	0.03	<2	1	30	<20	0.13	<10	<10	24	<10	49
HEGZ10-21	E562618	101.15	102.65	1.50	0.025	2.9	1.52	<2	<10	130	<0.5	<2	0.43	<0.5	7	15	20	3.04	10	1	0.77	10	1.22	742	<1	0.06	2	580	11	1.15	<2	2	12	<20	0.16	<10	<10	38	<10	76
HEGZ10-21	E562619	102.65	104.15	1.50	0.005	<0.2	0.63	6	<10	20	<0.5	<2	1.02	<0.5	4	3	<1	1.5	<10	<1	0.16	10	0.32	197	2	0.03	<1	260	15	1.45	<2	<1	20	<20	<0.01	<10	<10	2	<10	38
HEGZ10-21	E562620	104.15	105.45	1.30	0.068	5.2	0.29	3	<10	30	<0.5	<2	0.39	2.1	4	4	79	1.65	<10	<1	0.15	<10	0.04	40	1	0.02	1	200	44	1.68	<2	<1	7	<20	<0.01	<10	<10	1	<10	406
HEGZ10-21	E562621	105.45	106.85	1.40	0.157	47.6	2.85	10	<10	10	0.7	2	1.67	80	24	69	221	19.4	10	1	0.12	<10	2.73	948	1	0.03	29	220	5710	>10.0	21	22	7	<20	0.04	<10	<10	177	<10	18000
HEGZ10-21	E562622	106.85	108.35	1.50	0.005	12.1	4.24	<2	<10	<10	0.8	<2	1.7	<0.5	43	109	151	8.69	20	<1	0.01	10	4.41	1175	<1	0.05	52	390	53	0.47	<2	37	19	<20	0.37	<10	<10	289	<10	153
HEGZ10-21	E562623	108.35	109.10	0.75	0.011	6	3.87	<2	<10	<10	0.5	<2	1.85	<0.5	40	75	206	8.12	10	1	0.01	10	3.67	929	<1	0.05	49	380	101	0.31	<2	28	18	<20	0.47	<10	<10	244	<10	138
HEGZ10-21	E562624	109.10	110.45	1.35	0.06	34.2	1.01	17	<10	20	<0.5	<2	0.77	19.4	22	12	454	11.3	<10	<1	0.1	<10	0.55	185	1	0.04	27	190	1220	>10.0	<2	3	17	<20	0.05	<10	<10	29	<10	5010
HEGZ10-18	E562625	70.64	72.14	1.50	0.005	0.6	1.05	2	<10	30	<0.5	<2	0.39	0.5	3	7	11	1.07	<10	<1	0.22	10	0.51	256	<1	0.06	1	150	27	0.41	<2	1	35	<20	0.02	<10	<10	7	<10	173
HEGZ10-18	E562626	72.14	73.64	1.50	0.007	0.4	1.9	<2	<10	30	<0.5	<2	0.75	<0.5	3	8	4	1.21	10	<1	0.29	10	0.58	198	<1	0.18	1	260	11	0.59	<2	1	83	<20	0.03	<10	<10	6	<10	49
HEGZ10-18	E562627	73.64	75.14	1.50	0.014	0.4	1.34	<2	<10	40	<0.5	<2	0.51	<0.5	4	7	<1	1.4	<10	<1	0.26	10	0.92	334	<1	0.07	1	260	7	0.65	<2	1	20	<20	0.06	<10	<10	8	<10	40
HEGZ10-18	E562628	75.14	76.64	1.50	0.024	1.2	2.68	2	<10	50	0.7	<2	1.29	<0.5	13	48	14	2.97	10	<1	0.39	30	2.3	684	<1	0.05	40	940	14	0.77	<2	5	61	<20	0.26	<10	<10	46	<10	87
HEGZ10-18	E562629	76.64	78.14	1.50	0.034	1.9	1.13	<2	<10	50	<0.5	<2	0.24	2.8	7	29	22	1.94	<10	1	0.58	10	0.95	413	6	0.04	8	280	330	1.63	<2	1	9	<20	0.05	<10	<10	11	<10	694
HEGZ10-18	E562630	78.14	79.64	1.50	0.021	4.2	2.08	5	<10	190	<0.5	4	0.49	4.4	18	24	118	5.91	10	<1	1.36	10	1.38	749	1	0.07	9	630	307	1.85	<2	3	67	<20	0.29	<10	<10	80	<10	1080
BLANK	E562631	BLANK			<0.005	<0.2	0.59	<2	<10	40	<0.5	<2	0.3	<0.5	4	5	20	1.6	<10	<1	0.32	20	0.31	195	<1	0.09	<1	380	7	0.21	<2	1	41	<20	0.13	<10	<10	22	<10	58
HEGZ10-18	E562632	79.64	81.14	1.50	0.013	1.5	0.29	4	<10	30	<0.5	3	0.17	7.3	5	4	58	1.95	<10	<1	0.17	10	0.04	46	1	0.02	3	220	86	2.06	<2	<1	5	<20	<0.01	<10	<10	1	<10	1545
HEGZ10-18	E562633	81.14	82.64	1.50	0.025	8.4	0.28	4	<10	30	<0.5	<2	0.11	2.1	3	2	1025	3.61	<10	<1	0.14	<10	0.02	23	4	0.02	<1	150	10	3.81	<2	<1	9	<20	<0.01	<10	<10	1	<10	478
HEGZ10-18	E562634	82.64	84.14	1.50	<0.005	0.6	0.53	<2	<10	70	<0.5	<2	0.16	<0.5	7	13	25	0.96	<10	<1	0.25	10	0.2	122	6	0.08	11	290	4	0.31	<2	1	19	<20	0.03	<10	<10	10	<10	52
HEGZ10-18	E562635	84.14	85.37	1.23	0.005	0.5	0.34	<2	<10	30	<0.5	<2	0.16	<0.5	11	5	15	0.93	<10	<1	0.14	10	0.08	84	1	0.05	19	270	2	0.45	<2	1	16	<20	0.01	<10	<10	5	<10	67
HEGZ10-22	E562636	91.87	93.40	1.53	<0.005	<0.2	1.09	2	<10	30	<0.5	<2	0.38	<0.5	3	5	6	1.02	<10	<1	0.21	10	0.43	164	<1	0.07	2	260	53	0.42	<2	<1	21	<20	0.03	<10	<10	4	<10	146
HEGZ10-22	E562637	93.40	94.90	1.50	0.005	<0.2	1.95	2	<10	60	<0.5	<2	0.6	<0.5	5	30	7	1.45	<10	1	0.45	10	1.08	406	3	0.14	11	290	18	0.55	<2	1	42	<20	0.08	<10	<10	14	<10	70
HEGZ10-22	E562638	94.90	96.40	1.50	0.006	0.2	1.95	<2	<10	40	<0.5	<2	1.03	<0.5	10	28	11	2.25	10	<1	0.16	30	1.48	437	<1	0.06	24	840	7	0.46	<2	4	45	<20	0.22	<10	<10	35	<10	58
HEGZ10-22	E562639	96.40	97.90	1.50	0.008	0.3	1.81	<2	<10	40	0.5	<2	0.96	<0.5	8	23	9	2	10	<1	0.12	20	1.56	412	1	0.05	18	520	16	0.94	<2	3	30	<20	0.14	<10	<10	26	<10	52
HEGZ10-22	E562640	97.90	99.40	1.50	0.085	1.8	0.72	6	<10	30	<0.5	2	0.79	6.6	15	21	170	2.74	<10	<1	0.18	10	0.53	236	4	0.03	14	260	635	2.94	<2	1	15	<20	0.01	<10	<10	7	<10	2020
HEGZ10-22	E562641	99.40	100.90	1.50	<0.005	<0.2	0.37	5	<10	30	<0.5	<2	0.2	4.1	4	3	51	1.72	<10	<1	0.16	10	0.11	74	7	0.02	2	230	20	1.63	<2	<1	8	<20	<0.01	<10	<10	3	<10	873
HEGZ10-22	E562642	100.90	102.40	1.50	<0.005	<0.2	2.14	<2	<10	20	0.7	<2	1.64	<0.5	17	2	32	4.16	10	1	0.08	20	1.35	689	<1	0.05	5	1010	2	1.35	<2	2	160	<20	0.25	<10	<10	57	<10	99
BLANK	E562643	BLANK			<0.005	<0.2	0.53	2	<10	40	<0.5	<2	0.27	<0.5	4	5	4	1.33	<10	<1	0.23	20	0.26	163	<1	0.09	2	340	3	0.03	<2	1	39	<20	0.11	<10	<10	20	<10	50
HEGZ10-22	E562644	102.40	103.90	1.50	0.006	2.2	0.65	3	<10	30	<0.5	8	0.22	5.6	5	4	355	2.91	<10	<1	0.17	10	0.19	105	169	0.04	4	40	62	2.1	<2	1	10	<20	0.01	<10	<10	6	<10	1455
HEGZ10-22	E562645	103.90	105.40	1.50	<0.005	0.3	0.53	<2	<10	60	<0.5	<2	0.26	<0.5	4	9	17	0.79	<10	<1	0.21	10	0.27	133	3	0.05	7	360	7	0.11	<2	1	20	<20	0.04	<10	<10	12	<10	46
HEGZ10-22	E562646	105.40	106.90	1.50	<0.005	0.4	0.42	<2	<10	40	<0.5	<2	0.25	<0.5	6	9	20	0.78	<10	<1	0.14	10	0.17	97	9	0.05	17	300	40	0.27	<2	1	17	<20	0.02	<10	<10	8	<10	132
HEGZ10-22	E562647	106.90	108.40	1.50	<0.005	2	0.79	<2	<10	70	<0.5	6	0.59	<0.5	15	19	93	3.65	<10	<1	0.12	20	0.18	139	14	0.06	44	550	9	2.26	<2	3	27	<20	0.05	<10	<10	21	<10	149
HEGZ10-22	E562648	108.40	109.40	1.00	<0.005	0.4	1.06	<2	<10	40	<0.5	3	0.82	<0.5	16	159	26	2.97	10	<1	0.28	50	0.6	486	1	0.07	39	1400	11	1.48	<2	10	49	<20	0.2	<10	<10	73	<10	95
HEGZ10-22	E562649	109.40	110.30	0.90	<0.005	<0.2	0.85	<2	<10	50	<0.5	<2	0.27	<0.5	1	4	4	0.66	<10	<1	0.3	10	0.39	176	1	0.07	2	80	5	0.21	<2	<1	31	<20	0.01	<10	<10	2	<10	34
HEGZ10-24	E562650	138.50	140.00	1.50	0.006	<0.2	0.87	<2	<10	70	<0.5	<2	0.21	<0.5	4	5	3	1.1	<10	<1	0.39	10	0.43	194	<1	0.07	3	320	<2	0.47	<2	1	16	<20	0.05	<10	<10	7	<10	32
HEGZ10-24	E562651	140.00	141.50	1.50	0.011	0.2	1.58	<2	<10	110	<0.5	<2	0.49	<0.5	4	8	3	1.35	10	<1	0.55	10	0.63	262	<1	0.15	4	390	<2	0.31	<2	1	52	<20	0.08	<10	<10	14	<10	40
HEGZ10-24	E562652	141.50	143.00	1.50	0.008	<0.2	1.32	<2	<10	40	<0.5	<2	0.36	<0.5	4	10	5	1.33	<10	<1	0.47	10	0.65	257	<1	0.1	5	260	<2	0.35	<2	1	27	<20	0.07	<10	<10	10	<10	40
HEGZ10-24	E562653	143.00	144.50	1.50	0.008	0.5	1.38	<2	<10	90	<0.5	<2	0.34	<0.5	5	24	9	1.49	10	<1	0.65	10	0.84	266	<1	0.08	8	340	<2	0.41	<2	2	30	<20	0.1	<10	<10	22	<10	35
HEGZ10-24	E562654	144.50	146.00	1.50	0.006	3.1	1.73	<2	<10	100	<0.5	<2	0.4	<0.5	10	10	26	2.97	10	1	0.73	10	1.22	535	<1	0.08	5	470	2	0.8	<2	2	17	<20	0.23	<10	<10	46	<10	69
HEGZ10-24	E562655	146.00	147.50	1.50	<0.005	0.4	0.72	4	<10	30	<0.5	<2	0.45	<0.5	3	4	16	1.47	<10	<1	0.26	10	0.4	252	1	0.03	1	260	19	1.38	<2	<1	8	<20	0.01	<10	<10	3	<10	65
BLANK	E562656	BLANK			<0.005	<0.2	0.54	2	<10	40	<0.5	<2	0.25	<0.5	4	5	4	1.32	<10	<1	0.25	20	0.26	163	<1	0.09	1	350	3	0.08	<2	1	36	<20	0.11	<10	<10	20	<10	48
HEGZ10-24	E562657	147.50	149.00	1.50	0.505	17.7	0.29	5	<10	20	<0.5	<2	0.36	14.4	4	3	67	2.17	<10	<1	0.12	<10	0.03	55	2	0.02	3	190	48	2.4	<2	<1	5	<20	<0.01	<10	<10	1	<10	2750

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-24	E562658	149.00	150.50	1.50	1.72	81	0.34	33	<10	20	<0.5	<2	0.18	66.7	8	4	374	19.7	<10	1	0.09	<10	0.05	108	<1	0.03	6	10	2310	>10.0	29	<1	43	<20	<0.01	<10	<10	1	<10	13800
HEGZ10-24	E562659	150.50	152.00	1.50	1.955	65	0.26	52	<10	10	<0.5	<2	0.03	10.5	15	4	758	25	<10	1	0.05	<10	0.07	52	<1	0.03	14	<10	734	>10.0	14	<1	28	<20	<0.01	<10	<10	2	<10	2480
HEGZ10-24	E562660	152.00	153.50	1.50	11.15	200	0.54	21	<10	30	<0.5	6	0.08	40.1	5	9	295	11.4	<10	1	0.15	<10	0.26	128	1	0.04	5	110	2360	>10.0	40	1	24	<20	0.01	<10	<10	5	<10	9340
HEGZ10-24	E562661	153.50	155.00	1.50	0.063	5.1	0.55	<2	<10	20	<0.5	<2	0.26	<0.5	9	6	32	0.95	<10	<1	0.14	10	0.24	105	3	0.05	12	270	37	0.53	<2	1	23	<20	0.01	<10	<10	4	<10	118
HEGZ10-24	E562662	155.00	156.06	1.06	0.006	3.3	0.48	2	<10	20	<0.5	<2	0.14	<0.5	22	5	24	1.83	<10	<1	0.15	10	0.17	91	1	0.06	36	280	6	1.25	<2	<1	21	<20	0.01	<10	<10	4	<10	61
HEGZ10-24	E562663	156.06	156.61	0.55	0.027	9.7	1.72	<2	<10	90	<0.5	2	0.51	<0.5	24	147	176	6.01	10	<1	0.79	40	0.68	568	13	0.12	76	1110	19	2.93	2	10	68	<20	0.19	<10	<10	84	<10	117
HEGZ10-23	E562664	129.86	131.50	1.64	0.005	0.5	0.47	<2	<10	50	<0.5	<2	0.11	<0.5	1	4	13	0.92	<10	<1	0.28	10	0.22	119	<1	0.02	4	60	5	0.54	<2	<1	7	<20	0.01	<10	<10	2	<10	70
HEGZ10-23	E562665	131.50	133.00	1.50	<0.005	0.5	1.04	<2	<10	70	<0.5	<2	0.23	<0.5	3	4	11	1.25	<10	<1	0.59	10	0.61	285	1	0.06	7	310	10	0.31	<2	1	17	<20	0.08	<10	<10	10	<10	54
HEGZ10-23	E562666	133.00	134.50	1.50	0.01	0.3	1.29	<2	<10	160	<0.5	<2	0.32	<0.5	4	5	6	1.57	10	<1	0.64	10	0.77	348	<1	0.07	3	420	7	0.65	<2	1	19	<20	0.1	<10	<10	18	<10	76
BLANK	E562667	BLANK			<0.005	<0.2	0.57	<2	<10	30	<0.5	<2	0.28	<0.5	3	6	19	1.46	<10	<1	0.29	20	0.28	179	<1	0.09	2	330	5	0.15	<2	1	38	<20	0.11	<10	<10	21	<10	51
HEGZ10-23	E562668	134.50	136.00	1.50	<0.005	0.5	1.23	<2	<10	30	<0.5	<2	0.42	<0.5	4	7	7	1.33	<10	<1	0.43	10	0.54	249	<1	0.1	2	240	8	0.6	<2	1	26	<20	0.06	<10	<10	10	<10	45
HEGZ10-23	E562669	136.00	137.50	1.50	<0.005	0.4	1.63	<2	<10	50	<0.5	<2	0.67	<0.5	5	21	8	1.53	10	<1	0.58	10	0.82	309	<1	0.12	6	430	7	0.41	<2	2	41	<20	0.1	<10	<10	23	<10	38
HEGZ10-23	E562670	137.50	139.00	1.50	<0.005	0.3	1.33	<2	<10	60	<0.5	<2	0.48	<0.5	7	29	12	1.61	<10	<1	0.59	10	0.79	271	<1	0.06	9	400	7	0.8	<2	2	32	<20	0.07	<10	<10	20	<10	50
HEGZ10-23	E562671	139.00	140.50	1.50	0.066	4.7	0.97	<2	<10	30	<0.5	2	1.04	1.2	7	8	132	1.93	<10	<1	0.38	10	0.58	347	18	0.03	7	290	71	1.86	<2	1	13	<20	0.02	<10	<10	7	<10	313
HEGZ10-23	E562672	140.50	142.00	1.50	0.053	4.4	0.33	2	<10	10	<0.5	<2	0.43	11.1	4	3	105	2.24	<10	<1	0.12	<10	0.04	63	2	0.02	3	140	92	2.5	<2	<1	9	<20	<0.01	<10	<10	1	<10	2240
HEGZ10-23	E562673	142.00	143.00	1.00	0.025	10.7	0.27	5	<10	20	<0.5	<2	0.13	<0.5	6	3	45	5.66	<10	<1	0.09	<10	0.02	29	<1	0.04	6	50	32	7.3	<2	<1	17	<20	<0.01	<10	<10	1	<10	99
HEGZ10-23	E562674	143.00	144.50	1.50	0.015	4.4	0.56	2	<10	70	<0.5	<2	0.2	0.5	10	13	31	3.05	<10	<1	0.27	10	0.27	95	<1	0.05	18	250	14	3.2	<2	1	25	<20	0.03	<10	<10	11	<10	205
HEGZ10-23	E562675	144.50	146.26	1.76	0.538	21.6	0.57	6	<10	20	<0.5	<2	0.3	<0.5	39	8	168	9.39	<10	<1	0.18	<10	0.19	104	2	0.06	49	250	25	>10.0	<2	1	27	<20	0.02	<10	<10	7	<10	59
HEGZ10-24	E562676	25.05	25.97	0.92	<0.005	0.3	1.99	<2	<10	220	<0.5	<2	0.66	<0.5	16	61	83	3.26	10	<1	0.97	20	1.12	433	4	0.08	45	420	5	1.23	<2	6	87	<20	0.19	<10	<10	62	<10	79
HEGZ10-29	E562677	23.70	24.84	1.14																																				
HEGZ10-29	E562678	27.43	28.95	1.52																																				
HEGZ10-29	E562679	33.31	33.80	0.49																																				
HEGZ10-29	E562680	66.80	67.06	0.26	<0.005	<0.2	0.84	2	<10	<10	<0.5	<2	1.12	<0.5	20	41	235	1.94	<10	1	0.04	<10	0.49	212	<1	0.04	43	80	<2	1.02	<2	4	19	<20	0.07	<10	<10	33	<10	17
HEGZ10-29	E562681	113.00	113.70	0.70	<0.005	<0.2	0.78	<2	<10	<10	<0.5	<2	0.74	<0.5	11	35	68	1.74	<10	1	0.1	10	0.67	293	<1	0.06	27	300	<2	0.24	<2	4	12	<20	0.1	<10	<10	37	<10	22
HEGZ10-29	E562682	118.87	120.00	1.13	<0.005	<0.2	0.73	<2	<10	40	<0.5	<2	0.64	<0.5	14	58	156	1.83	<10	1	0.27	10	0.47	253	<1	0.07	40	140	3	0.53	<2	4	20	<20	0.09	<10	<10	43	<10	22
HEGZ10-29		124.97	126.25	1.28																																				
HEGZ10-26	E562683	187.30	188.75	1.45	0.005	0.4	0.65	<2	<10	50	<0.5	<2	0.34	<0.5	3	7	17	1.05	<10	1	0.32	10	0.3	143	<1	0.05	3	220	4	0.34	<2	1	30	<20	0.04	<10	<10	8	<10	44
HEGZ10-26	E562684	188.75	190.25	1.50	<0.005	0.4	1.34	<2	<10	70	<0.5	<2	0.55	<0.5	5	12	9	1.56	<10	<1	0.68	10	0.79	281	8	0.11	10	370	7	0.21	<2	2	35	<20	0.12	<10	<10	22	<10	95
HEGZ10-26	E562685	190.25	191.75	1.50	<0.005	0.6	1.41	<2	<10	80	<0.5	<2	0.42	<0.5	6	42	9	1.69	<10	<1	0.8	10	1	353	<1	0.08	14	300	<2	0.32	<2	3	41	<20	0.1	<10	<10	24	<10	56
HEGZ10-26	E562686	191.75	193.25	1.50	0.012	5.3	1.77	2	<10	140	<0.5	<2	0.69	<0.5	14	10	42	3.79	10	<1	0.94	10	1.42	658	<1	0.07	6	680	2	1.5	<2	3	77	<20	0.27	<10	<10	54	<10	79
HEGZ10-26	E562687	193.25	194.75	1.50	0.005	1.2	2.29	<2	<10	290	<0.5	<2	0.92	<0.5	11	38	16	2.6	10	<1	1.24	20	1.53	441	<1	0.15	39	820	2	0.57	<2	3	105	<20	0.23	<10	<10	40	<10	64
HEGZ10-26	E562688	194.75	196.25	1.50	<0.005	2	1.64	<2	<10	120	<0.5	<2	0.57	<0.5	8	46	13	2.4	10	1	1.17	10	1.42	576	<1	0.08	13	730	3	0.41	<2	4	28	<20	0.18	<10	<10	48	<10	94
HEGZ10-26	E562689	196.25	197.75	1.50	0.011	0.8	1.62	<2	<10	20	0.8	<2	0.66	<0.5	5	5	11	1.72	<10	1	0.38	10	0.76	379	<1	0.12	4	280	8	1.51	<2	<1	43	<20	0.03	<10	<10	5	<10	48
HEGZ10-26	E562690	197.75	198.90	1.15	<0.005	0.4	1.14	<2	<10	30	<0.5	<2	0.52	<0.5	4	3	1	1.79	<10	<1	0.25	10	0.68	295	<1	0.07	3	250	26	1.5	<2	<1	20	<20	0.01	<10	<10	3	<10	66
HEGZ10-02	E563201	1.88	3.50	1.62	<0.005	<0.2	1.36	<2	<10	40	<0.5	<2	0.96	<0.5	13	68	37	2.42	10	<1	0.42	50	1.12	398	<1	0.11	37	1060	<2	0.01	<2	4	66	<20	0.2	<10	<10	58	<10	48
HEGZ10-02	E563202	3.50	5.00	1.50	<0.005	<0.2	1.12	<2	<10	90	<0.5	<2	0.67	<0.5	9	42	38	2.15	10	<1	0.54	50	0.83	351	<1	0.1	21	1030	5	0.03	<2	3	47	<20	0.2	<10	<10	49	<10	60
HEGZ10-02	E563203	5.00	6.50	1.50	<0.005	<0.2	1.38	<2	<10	100	0.5	<2	0.92	<0.5	12	62	35	2.57	10	<1	0.74	60	1.11	452	<1	0.12	32	1110	3	0.03	<2	6	56	<20	0.24	<10	<10	59	<10	86
HEGZ10-02	E563204	6.50	8.00	1.50	0.005	<0.2	1.22	<2	<10	50	<0.5	<2	0.85	<0.5	12	74	39	2.35	10	<1	0.27	50	1.1	333	<1	0.1	38	1040	<2	0.02	<2	3	61	<20	0.21	<10	<10	53	<10	45
HEGZ10-02	E563205	8.00	9.50	1.50	<0.005	<0.2	0.96	<2	<10	20	<0.5	<2	0.81	<0.5	11	48	14	1.94	<10	<1	0.06	50	0.85	280	<1	0.08	26	950	4	0.2	<2	3	81	<20	0.17	<10	<10	39	<10	34
HEGZ10-02	E563206	9.50	11.00	1.50	<0.005	<0.2	1.36	<2	<10	40	<0.5	<2	1.36	<0.5	12	63	23	2.63	10	<1	0.14	50	1.18	356	<1	0.06	35	900	2	0.06	<2	5	76	<20	0.14	<10	<10	51	<10	44
HEGZ10-02	E563207	11.00	12.50	1.50	<0.005	<0.2	0.82	<2	<10	90	<0.5	<2	0.34	<0.5	3	8	3	1.31	<10	<1	0.32	30	0.61	289	<1	0.06	<1	520	6	0.04	<2	1	42	<20	0.1	<10	<10	17	<10	48
HEGZ10-02	E563208	12.50	14.00	1.50	<0.005	<0.2	0.65	<2	<10	40	<0.5	<2	0.4	<0.5	2	10	7	0.94	<10	<1	0.16	20	0.58	317	<1	0.07	2	190	6	0.04	<2	1	28	<20	0.06	<10	<10	11	<10	32
HEGZ10-02	E563209	14.00	15.40	1.40	0.02	<0.2	1.51	<2	<10	150	0.8	<2	0.97	<0.5	12	17	12	3.1	<10	<1	0.47	20	1.16	624	<1	0.07	5	840	2	0.03	<2	2	65	<20	0.19	<10	<10	61	<10	61

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-02	E563210	15.40	17.00	1.60	<0.005	0.3	1.17	<2	<10	40	<0.5	<2	0.95	<0.5	10	53	24	2.04	<10	<1	0.33	50	0.92	298	<1	0.08	29	900	4	0.1	<2	3	63	<20	0.16	<10	<10	44	<10	46
HEGZ10-02	E563211	17.00	18.50	1.50	<0.005	<0.2	0.99	<2	<10	30	<0.5	<2	0.9	<0.5	10	49	27	1.66	<10	<1	0.22	50	0.65	304	<1	0.07	25	870	10	0.15	<2	3	54	<20	0.13	<10	<10	37	<10	62
HEGZ10-02	E563212	18.50	20.00	1.50	<0.005	<0.2	0.71	<2	<10	60	<0.5	<2	0.22	<0.5	3	17	5	0.93	<10	<1	0.26	20	0.61	303	<1	0.06	3	230	6	0.02	<2	2	20	<20	0.06	<10	<10	11	<10	39
HEGZ10-02	E563213	20.00	21.50	1.50	<0.005	<0.2	1.41	<2	<10	130	<0.5	<2	1.3	<0.5	14	67	38	2.92	10	<1	0.44	40	0.98	449	<1	0.1	32	1290	5	0.13	<2	5	54	<20	0.24	<10	<10	64	<10	55
HEGZ10-02	E563214	21.50	23.00	1.50	<0.005	<0.2	1.09	<2	<10	120	<0.5	<2	1.04	<0.5	15	102	49	3.39	10	<1	0.45	30	0.96	382	<1	0.12	38	1370	2	0.18	<2	5	26	<20	0.24	<10	<10	85	<10	44
HEGZ10-02	E563215	23.00	24.50	1.50	<0.005	<0.2	1.05	<2	<10	180	<0.5	<2	0.97	<0.5	15	91	43	3.33	<10	<1	0.5	30	0.92	318	<1	0.11	34	1370	2	0.14	<2	4	25	<20	0.21	<10	<10	87	<10	40
HEGZ10-02	E563216	24.50	26.00	1.50	<0.005	<0.2	0.75	<2	<10	130	<0.5	<2	0.83	<0.5	15	100	44	3.95	<10	<1	0.24	40	0.66	252	<1	0.11	34	1380	2	0.12	<2	3	21	<20	0.13	<10	<10	103	<10	36
HEGZ10-02	E563217	26.00	27.50	1.50	<0.005	<0.2	1.35	<2	<10	140	<0.5	<2	0.82	<0.5	15	100	48	3.44	10	<1	0.79	40	0.97	398	<1	0.1	39	1080	<2	0.12	<2	5	39	<20	0.24	<10	<10	80	<10	50
HEGZ10-02	E563218	27.50	29.00	1.50	0.013	<0.2	1.32	<2	<10	50	<0.5	<2	1.31	<0.5	12	91	61	2.63	<10	1	0.44	40	0.9	381	<1	0.11	33	1140	2	0.08	<2	6	88	<20	0.21	<10	<10	62	<10	44
HEGZ10-02	E563219	29.00	30.50	1.50	<0.005	<0.2	1.38	<2	<10	80	<0.5	<2	0.84	<0.5	11	64	33	2.29	10	<1	0.8	30	0.9	335	<1	0.09	30	790	4	0.03	<2	4	45	<20	0.2	<10	<10	55	<10	52
HEGZ10-02	E563220	30.50	32.00	1.50	0.005	<0.2	1.66	<2	<10	120	<0.5	<2	1.35	<0.5	14	74	54	2.62	10	<1	0.85	60	1.11	394	<1	0.11	36	1410	2	0.04	<2	4	81	<20	0.2	<10	<10	60	<10	47
HEGZ10-02	E563221	32.00	33.50	1.50	<0.005	<0.2	0.97	<2	<10	90	<0.5	<2	1	<0.5	9	77	47	1.85	<10	<1	0.41	40	0.76	275	<1	0.1	27	1010	4	0.02	<2	4	50	<20	0.16	<10	<10	44	<10	31
HEGZ10-02	E563222	33.50	35.00	1.50	<0.005	<0.2	1.01	<2	<10	130	<0.5	<2	1.17	<0.5	10	73	51	1.85	<10	<1	0.41	50	0.85	268	<1	0.1	20	1370	4	0.04	<2	5	72	<20	0.17	<10	<10	56	<10	29
HEGZ10-02	E563223	35.00	36.50	1.50	0.006	<0.2	1.12	<2	<10	90	<0.5	<2	0.87	<0.5	11	70	34	2	<10	<1	0.64	40	0.84	292	<1	0.08	25	1020	3	0.07	<2	3	50	<20	0.19	<10	<10	48	<10	43
HEGZ10-02	E563224	36.50	38.00	1.50	<0.005	<0.2	1.11	<2	<10	50	<0.5	<2	0.8	<0.5	10	60	29	2	<10	<1	0.63	30	0.71	319	<1	0.08	27	760	2	0.06	<2	4	34	<20	0.19	<10	<10	48	<10	42
HEGZ10-02	E563225	38.00	39.50	1.50	<0.005	<0.2	1.06	<2	<10	40	<0.5	<2	0.81	<0.5	10	66	36	1.96	<10	<1	0.53	30	0.6	319	<1	0.08	24	650	3	0.04	<2	4	27	<20	0.18	<10	<10	48	<10	37
HEGZ10-02	E563226	39.50	41.00	1.50	0.01	<0.2	1.31	<2	<10	100	<0.5	<2	0.71	<0.5	10	52	33	2.48	10	<1	0.78	30	0.68	404	<1	0.08	19	760	3	0.02	<2	5	26	<20	0.23	<10	<10	60	<10	52
HEGZ10-02	E563227	41.00	42.50	1.50	<0.005	0.2	1.1	<2	<10	70	<0.5	<2	0.82	<0.5	7	10	22	2.17	<10	<1	0.55	40	0.57	386	<1	0.08	2	1200	3	0.04	<2	4	40	<20	0.21	<10	<10	55	<10	49
HEGZ10-02	E563228	42.50	44.00	1.50	<0.005	0.2	1.38	<2	<10	80	<0.5	<2	0.94	<0.5	11	18	15	2.56	<10	<1	0.76	40	1.01	401	<1	0.07	21	1290	2	0.05	<2	3	47	<20	0.24	<10	<10	51	<10	60
HEGZ10-02	E563229	44.00	45.50	1.50	<0.005	<0.2	1.04	<2	<10	70	<0.5	<2	1.23	<0.5	11	62	38	2.04	<10	<1	0.42	40	0.86	307	<1	0.1	21	1620	3	0.2	<2	5	95	<20	0.18	<10	<10	47	<10	36
HEGZ10-02	E563230	45.50	47.00	1.50	0.006	<0.2	1.11	<2	<10	60	<0.5	<2	1.13	<0.5	10	27	31	2.15	10	1	0.45	40	0.71	330	<1	0.12	8	1350	<2	0.14	<2	4	54	<20	0.21	<10	<10	52	<10	44
HEGZ10-02	E563231	47.00	48.50	1.50	<0.005	<0.2	1.15	<2	<10	60	<0.5	<2	0.8	<0.5	10	5	18	2.14	<10	1	0.59	40	0.61	384	<1	0.08	4	1160	3	0.06	<2	3	28	<20	0.2	<10	<10	50	<10	66
HEGZ10-02	E563232	48.50	50.00	1.50	<0.005	0.2	1.15	<2	<10	70	<0.5	<2	0.71	<0.5	11	31	25	2.44	<10	<1	0.65	40	0.62	386	<1	0.09	11	920	3	0.26	<2	4	27	<20	0.2	<10	<10	53	<10	54
HEGZ10-02	E563233	50.00	51.50	1.50	<0.005	<0.2	0.93	<2	<10	50	<0.5	<2	0.89	<0.5	7	35	27	1.8	<10	<1	0.4	60	0.55	344	<1	0.1	12	930	4	0.06	<2	4	47	<20	0.16	<10	<10	42	<10	37
HEGZ10-02	E563234	67.15	68.65	1.50	<0.005	0.2	0.73	<2	<10	90	<0.5	<2	0.21	<0.5	3	4	6	0.97	<10	<1	0.37	10	0.37	208	<1	0.04	1	200	<2	0.31	<2	1	10	<20	0.04	<10	<10	8	<10	53
HEGZ10-02	E563235	68.65	70.10	1.45	0.005	0.3	1.33	<2	<10	170	<0.5	<2	0.41	<0.5	5	5	3	1.48	<10	<1	0.55	10	0.62	266	<1	0.1	2	460	<2	0.38	<2	2	30	<20	0.11	<10	<10	20	<10	38
HEGZ10-02	E563236	70.10	71.60	1.50	<0.005	0.2	1.34	<2	<10	40	<0.5	<2	0.57	<0.5	4	11	14	1.1	<10	<1	0.36	10	0.52	184	1	0.09	13	260	9	0.19	<2	1	29	<20	0.06	<10	<10	9	<10	45
BLANK	E563237A				<0.005	<0.2	1.18	2	<10	50	<0.5	<2	0.61	<0.5	4	7	11	1.35	<10	<1	0.31	20	0.36	162	1	0.16	3	360	2	0.08	<2	1	62	<20	0.11	<10	<10	20	<10	45
HEGZ10-02	E563237	71.60	73.10	1.50	<0.005	<0.2	2.38	<2	<10	90	<0.5	2	1.37	<0.5	6	24	18	1.44	10	<1	0.49	10	0.81	242	<1	0.23	8	390	<2	0.14	<2	2	101	<20	0.08	<10	<10	19	<10	37
HEGZ10-02	E563238	73.10	74.60	1.50	0.006	0.3	1.85	<2	<10	40	<0.5	<2	0.91	<0.5	3	7	2	1.15	<10	<1	0.42	10	0.7	244	1	0.15	3	240	2	0.54	<2	1	56	<20	0.05	<10	<10	8	<10	37
HEGZ10-02	E563239	74.60	76.10	1.50	0.021	1.5	2.09	<2	<10	250	<0.5	<2	0.35	0.6	12	5	15	4.02	10	<1	1.42	10	1.27	826	<1	0.09	3	760	<2	0.64	<2	2	21	<20	0.3	<10	<10	66	<10	243
HEGZ10-02	E563240	76.10	77.50	1.40	0.01	0.6	0.35	3	<10	30	<0.5	<2	0.14	<0.5	3	2	5	1.49	<10	<1	0.16	10	0.05	40	<1	0.02	1	210	20	1.48	<2	<1	5	<20	<0.01	<10	<10	2	<10	100
HEGZ10-02	E563241	77.50	78.44	0.94	3.28	90.2	0.39	10	<10	30	<0.5	<2	0.49	51.9	3	3	268	2.98	<10	<1	0.13	<10	0.05	83	1	0.01	4	130	909	3.55	22	<1	8	<20	<0.01	<10	<10	2	<10	9910
HEGZ10-02	E563242	78.44	80.19	1.75	0.69	70.7	0.21	45	<10	10	<0.5	2	0.11	17.3	8	4	1170	26.5	<10	<1	0.05	<10	0.08	49	<1	0.02	8	<10	1710	>10.0	32	<1	4	<20	<0.01	<10	<10	2	<10	3970
BLANK	E563243A				<0.005	0.3	0.56	<2	<10	40	<0.5	<2	0.31	<0.5	3	5	11	1.41	<10	<1	0.28	20	0.27	152	<1	0.1	<1	350	5	0.08	<2	1	41	<20	0.11	<10	<10	22	<10	71
HEGZ10-02	E563243	80.19	80.88	0.69	1.61	70.4	0.37	13	<10	30	<0.5	14	0.08	38.5	4	2	256	9.32	<10	<1	0.15	<10	0.07	78	<1	0.02	2	<10	1225	>10.0	24	<1	11	<20	<0.01	<10	<10	1	<10	8980
HEGZ10-02	E563244	80.88	82.45	1.57	0.014	2.7	0.63	<2	<10	50	<0.5	<2	0.27	1.1	8	5	41	0.97	<10	<1	0.17	10	0.11	68	5	0.09	10	250	17	0.6	<2	<1	38	<20	0.01	<10	<10	4	<10	335
HEGZ10-02	E563245	82.45	83.56	1.11	<0.005	1.6	0.93	<2	<10	90	<0.5	12	0.42	<0.5	14	33	49	1.74	<10	<1	0.4	20	0.51	216	260	0.07	28	480	14	0.68	<2	3	64	<20	0.06	<10	<10	24	<10	81
HEGZ10-04	E563246	62.40	64.01	1.61	<0.005	0.2	0.51	2	<10	50	<0.5	<2	0.14	<0.5	2	6	8	0.88	<10	<1	0.24	10	0.19	100	1	0.04	2	80	6	0.58	<2	1	6	<20	0.01	<10	<10	5	<10	69
HEGZ10-04	E563247	64.01	65.49	1.48	<0.005	0.4	1.07	<2	<10	50	<0.5	<2	0.31	<0.5	4	6	5	0.96	<10	<1	0.37	10	0.53	232	1	0.09	3	240	2	0.25	<2	1	20	<20	0.05	<10	<10	7	<10	35
HEGZ10-04	E563248	65.49	66.99	1.50	0.012	0.3	1.24	2	<10	50	<0.5	<2	0.45	<0.5	5	4	7	1.6	<10	<1	0.42	10	0.68	321	2	0.08	2	330	5	0.62	<2	1	17	<20	0.09	<10	<10	14	<10	45
HEGZ10-04	E563249	66.99	68.50	1.51	0.009	0.3	1.62	<2	<10	40	<0.5	<2	0.83	<0.5	5	9	12	1.38	10	<1	0.32	10	0.81	287	2	0.12	5	310	3	0.59	<2	1	36	<20	0.08	<10	<10	13	<10	31
HEGZ10-04	E563250	68.50	70.00	1.50	<0.005	0.2	1.44	<2	<10	80	<0.5	<2	0.78	<0.5	5	10	5	1.76	10	<1	0.27	20	0.83	354	2	0.07	3	530	4	0.35	<2	2	24	<20	0.15	<10	<10	28	<10	54

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BLANK	E563250A				<0.005	<0.2	0.62	<2	<10	50	<0.5	<2	0.34	<0.5	3	9	15	1.36	<10	<1	0.28	20	0.29	158	104	0.14	4	350	5	0.13	<2	1	53	<20	0.12	<10	<10	22	<10	46
HEGZ10-04	E563401	70.00	71.45	1.45	0.006	0.5	1.19	<2	<10	50	<0.5	<2	0.52	<0.5	6	21	9	1.44	<10	<1	0.31	10	0.73	255	<1	0.06	7	410	8	0.75	<2	1	18	<20	0.06	<10	<10	14	<10	45
HEGZ10-04	E563402	71.45	72.95	1.50	0.011	0.8	1.64	<2	<10	60	<0.5	<2	0.5	<0.5	4	11	19	1.4	10	<1	0.6	10	0.93	367	<1	0.12	2	280	10	0.86	<2	1	46	<20	0.06	<10	<10	10	<10	103
HEGZ10-04	E563403	72.95	74.45	1.50	0.007	0.4	1.18	<2	<10	50	<0.5	<2	0.31	<0.5	4	7	2	1.45	<10	<1	0.52	10	0.63	395	<1	0.09	1	250	11	1.33	<2	<1	23	<20	0.03	<10	<10	5	<10	73
HEGZ10-04	E563404	74.45	75.90	1.45	0.03	1.9	1.44	<2	<10	130	<0.5	<2	0.79	1.9	9	12	47	2.93	<10	<1	0.8	20	0.89	503	<1	0.08	7	730	45	1.41	<2	2	19	<20	0.12	<10	<10	32	<10	442
HEGZ10-04	E563405	75.90	77.40	1.50	0.093	5.9	0.67	18	<10	30	<0.5	<2	0.44	15.6	11	5	147	8.44	<10	<1	0.34	10	0.23	152	<1	0.05	9	190	426	>10.0	<2	<1	12	<20	0.03	<10	<10	12	<10	3010
HEGZ10-04	E563406	77.40	78.84	1.44	0.044	2.9	0.49	4	<10	40	<0.5	<2	0.24	7.5	5	4	142	2.75	<10	<1	0.22	<10	0.09	44	1	0.05	4	60	100	2.83	<2	<1	15	<20	<0.01	<10	<10	2	<10	1485
BLANK	E563406A				<0.005	<0.2	0.58	<2	<10	50	<0.5	<2	0.34	<0.5	3	6	10	1.32	10	<1	0.31	20	0.26	151	<1	0.12	<1	360	5	0.07	<2	1	49	<20	0.13	<10	<10	22	<10	56
HEGZ10-04	E563407	78.84	79.61	0.77	0.006	1.9	0.51	2	<10	50	<0.5	<2	0.25	<0.5	6	8	27	2.63	<10	<1	0.19	10	0.14	45	4	0.08	9	60	13	2.65	<2	1	22	<20	0.01	<10	<10	6	<10	34
HEGZ10-04	E563408	79.61	80.61	1.00	0.051	4.7	0.39	36	<10	30	<0.5	<2	0.21	1.3	12	3	96	17.7	<10	<1	0.12	<10	0.06	35	<1	0.07	20	20	37	>10.0	<2	<1	26	<20	<0.01	<10	<10	1	<10	288
HEGZ10-04	E563409	80.61	81.33	0.72	0.053	5.3	0.44	10	<10	30	<0.5	4	0.14	4.6	13	5	28	5.51	<10	<1	0.12	<10	0.07	49	<1	0.08	16	30	392	6.5	<2	<1	22	<20	<0.01	<10	<10	2	<10	1315
HEGZ10-04	E563410	81.33	82.00	0.67	0.049	21.5	0.6	21	<10	30	<0.5	16	0.09	113.5	20	3	230	25.2	<10	2	0.14	<10	0.15	223	2	0.07	13	120	2290	>10.0	6	<1	11	<20	0.01	<10	<10	3	10	23900
HEGZ10-04	E563411	82.00	83.44	1.44	0.038	4.4	0.99	<2	<10	50	<0.5	<2	0.26	<0.5	12	7	64	4.2	<10	<1	0.28	10	0.39	122	5	0.09	23	340	27	3.13	<2	1	23	<20	0.03	<10	<10	11	<10	137
HEGZ10-04	E563412	83.44	84.90	1.46	0.007	2.3	1.14	<2	<10	60	<0.5	2	0.66	<0.5	16	52	27	2	<10	<1	0.29	30	0.51	284	41	0.1	32	590	21	0.82	<2	3	80	<20	0.11	<10	<10	34	<10	93
HEGZ10-02	E563413	86.13	87.50	1.37	<0.005	0.2	0.96	<2	<10	70	<0.5	2	0.69	<0.5	12	57	37	2.2	<10	<1	0.55	40	0.7	301	2	0.09	28	970	<2	0.34	<2	5	38	<20	0.17	<10	<10	54	<10	50
HEGZ10-02	E563414	87.50	89.00	1.50	<0.005	<0.2	0.86	<2	<10	40	<0.5	3	0.82	<0.5	9	46	25	1.75	<10	<1	0.41	40	0.65	282	2	0.09	22	1060	<2	0.14	<2	4	39	<20	0.15	<10	<10	45	<10	38
HEGZ10-02	E563415	89.00	90.50	1.50	<0.005	0.2	0.87	<2	<10	50	<0.5	2	0.69	<0.5	9	45	26	1.87	<10	<1	0.5	40	0.69	261	<1	0.09	24	980	<2	0.18	<2	3	38	<20	0.16	<10	<10	42	<10	41
HEGZ10-02	E563416	90.50	92.00	1.50	<0.005	<0.2	0.78	<2	<10	40	<0.5	2	0.79	<0.5	8	58	21	1.71	<10	<1	0.4	30	0.67	279	<1	0.09	17	1080	<2	0.13	<2	4	41	<20	0.15	<10	<10	45	<10	33
HEGZ10-02	E563417	92.00	93.50	1.50	<0.005	<0.2	0.81	<2	<10	40	<0.5	2	1.04	<0.5	10	79	21	1.98	<10	<1	0.34	40	0.81	297	<1	0.11	16	1430	2	0.15	<2	5	42	<20	0.15	<10	<10	54	<10	31
HEGZ10-02	E563418	93.50	94.40	0.90	<0.005	0.2	0.97	<2	<10	130	<0.5	2	0.8	<0.5	16	64	50	2.38	<10	<1	0.56	40	0.79	306	1	0.1	47	1160	<2	0.37	<2	4	26	<20	0.2	<10	<10	60	<10	43
HEGZ10-02	E563419	94.40	95.95	1.55	<0.005	0.2	0.94	<2	<10	40	<0.5	2	1.16	<0.5	15	33	94	2.43	<10	<1	0.22	<10	0.69	379	<1	0.15	30	300	<2	0.21	<2	8	13	<20	0.15	<10	<10	64	<10	30
HEGZ10-02	E563420	95.95	97.50	1.55	<0.005	0.4	0.96	<2	<10	10	<0.5	3	1.46	<0.5	25	38	187	2.96	<10	<1	0.09	<10	0.81	420	<1	0.18	58	380	<2	0.48	<2	10	8	<20	0.18	<10	<10	78	<10	27
HEGZ10-02	E563421	97.50	99.00	1.50	<0.005	0.3	0.84	<2	<10	10	0.5	3	1.43	<0.5	19	163	124	2.31	<10	<1	0.1	<10	1.1	311	<1	0.17	102	410	<2	0.27	<2	8	11	<20	0.22	<10	<10	62	<10	24
HEGZ10-02	E563422	99.00	100.50	1.50	<0.005	0.2	1.21	<2	<10	140	0.8	2	1.13	<0.5	26	330	130	2.61	10	<1	0.54	10	1.57	351	<1	0.14	219	580	<2	0.27	<2	6	19	<20	0.23	<10	<10	56	<10	40
HEGZ10-02	E563423	100.50	102.00	1.50	<0.005	<0.2	1.22	<2	<10	180	0.7	3	1.24	<0.5	14	63	53	2.83	10	<1	0.63	30	1.18	450	<1	0.15	35	1770	4	0.22	<2	7	53	<20	0.22	<10	<10	65	<10	50
HEGZ10-02	E563424	102.00	103.50	1.50	<0.005	<0.2	1.58	<2	<10	190	0.6	2	0.65	<0.5	32	632	79	2.96	10	<1	1.2	10	2.18	326	<1	0.09	328	380	<2	0.3	<2	4	19	<20	0.24	<10	<10	65	<10	51
HEGZ10-02	E563425	103.50	105.00	1.50	<0.005	0.2	0.98	<2	<10	110	0.5	3	0.75	<0.5	15	250	69	2.21	10	<1	0.47	10	1.17	300	<1	0.11	86	350	2	0.21	<2	5	26	<20	0.17	<10	<10	48	<10	46
HEGZ10-02	E563426	105.00	106.50	1.50	<0.005	<0.2	0.68	<2	<10	60	0.5	3	0.33	<0.5	4	19	38	1.27	<10	<1	0.26	10	0.46	210	<1	0.09	7	300	2	0.11	<2	3	40	<20	0.1	<10	<10	20	<10	36
HEGZ10-02	E563427	106.50	108.00	1.50	<0.005	<0.2	0.77	<2	<10	110	<0.5	3	0.29	<0.5	4	19	30	1.51	<10	<1	0.48	20	0.49	227	<1	0.11	7	360	2	0.11	<2	2	54	<20	0.13	<10	<10	26	<10	46
HEGZ10-02	E563428	108.00	109.50	1.50	<0.005	<0.2	0.72	<2	<10	80	<0.5	2	0.48	<0.5	7	53	45	1.51	<10	<1	0.37	10	0.55	218	<1	0.1	23	370	2	0.17	<2	3	47	<20	0.12	<10	<10	31	<10	45
HEGZ10-02	E563429	109.50	111.00	1.50	<0.005	0.2	1.34	<2	<10	10	<0.5	2	1.65	<0.5	18	57	125	2.49	<10	<1	0.13	<10	0.94	383	<1	0.15	41	290	<2	0.22	<2	8	19	<20	0.15	<10	<10	68	<10	28
HEGZ10-02	E563430	111.00	112.50	1.50	<0.005	0.2	1	<2	<10	40	<0.5	3	1.29	<0.5	15	29	121	2.49	<10	<1	0.23	10	0.79	402	<1	0.15	24	430	<2	0.15	<2	9	11	<20	0.16	<10	<10	70	<10	31
HEGZ10-02	E563431	112.50	114.00	1.50	<0.005	<0.2	1	<2	<10	40	<0.5	2	1.21	<0.5	14	22	85	2.57	<10	<1	0.29	10	0.82	452	<1	0.15	24	330	<2	0.12	<2	9	12	<20	0.17	<10	<10	68	<10	33
HEGZ10-02	E563432	114.00	115.50	1.50	0.024	0.2	0.87	<2	<10	60	<0.5	<2	0.58	<0.5	8	20	36	1.9	<10	1	0.43	10	0.6	287	<1	0.12	11	310	7	0.09	<2	5	35	<20	0.14	<10	<10	42	<10	71
HEGZ10-02	E563433	115.50	117.00	1.50	0.007	<0.2	1.02	<2	<10	40	<0.5	<2	1.17	<0.5	13	30	78	2.46	<10	<1	0.32	10	0.79	414	<1	0.17	21	410	2	0.12	<2	8	22	<20	0.17	<10	<10	65	<10	44
HEGZ10-02	E563434	117.00	118.50	1.50	<0.005	<0.2	1.15	6	<10	40	1	<2	1.42	<0.5	18	22	114	2.87	<10	1	0.25	10	0.85	449	<1	0.19	25	310	<2	0.18	<2	10	18	<20	0.19	<10	<10	77	<10	40
HEGZ10-02	E563435	118.50	120.00	1.50	<0.005	0.2	1.32	<2	<10	40	0.8	<2	1.72	<0.5	20	25	122	3.21	<10	1	0.19	10	1	538	<1	0.21	31	350	<2	0.18	<2	12	11	<20	0.2	<10	<10	89	<10	37
HEGZ10-02	E563436	120.00	121.50	1.50	<0.005	<0.2	1.2	3	<10	10	0.9	<2	1.69	<0.5	20	23	178	3.01	<10	1	0.11	<10	0.99	504	<1	0.2	34	360	<2	0.21	<2	11	7	<20	0.19	<10	<10	78	<10	33
HEGZ10-02	E563437	121.50	123.00	1.50	<0.005	0.2	1.13	4	<10	50	<0.5	<2	1.57	<0.5	20	24	154	2.94	<10	1	0.14	10	0.93	458	<1	0.19	37	350	<2	0.24	<2	10	9	<20	0.19	<10	<10	79	<10	29
HEGZ10-02	E563438	123.00	124.50	1.50	<0.005	<0.2	1.14	5	10	10	<0.5	<2	1.71	<0.5	21	32	140	3.02	<10	1	0.1	<10	0.92	515	<1	0.2	44	380	<2	0.22	<2	11	7	<20	0.21	<10	<10	85	<10	28
HEGZ10-02	E563439	124.50	126.00	1.50	<0.005	<0.2	1.17	<2	<10	10	<0.5	<2	1.68	<0.5	21	26	172	2.92	<10	<1	0.08	<10	0.89	478	4	0.19	40	370	<2	0.23	<2	10	10	<20	0.21	<10	<10	80	<10	28
HEGZ10-04	E563440	35.85	37.00	1.15	<0.005	<0.2	1.25	<2	<10	60	<0.5	<2	0.89	<0.5	11	64	28	2.38	10	<1	0.64	40	0.85	390	<1	0.11	28	810	<2	0.03	<2	5	25	<20	0.22	<10	<10	55	<10	48
HEGZ10-04	E563441	37.00	38.50	1.50	<0.005	<0.2	1.35	<2	<10	80	<0.5	<2	1.08	<0.5	11	47	31	2.55	10	<1	0.63	40	0.76	515	<1	0.12	19	860	<2	0.06	<2	6	33	<20	0.22	<10	<10	62	<10	55

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-04	E563442	38.50	40.00	1.50	<0.005	<0.2	1.48	<2	<10	80	<0.5	<2	1.04	<0.5	8	5	17	2.41	10	<1	0.71	40	0.74	502	<1	0.13	5	1220	<2	0.03	<2	5	41	<20	0.24	<10	<10	60	<10	61
HEGZ10-04	E563443	40.00	41.50	1.50	<0.005	<0.2	1.59	<2	<10	90	<0.5	<2	0.96	<0.5	9	5	21	2.43	10	<1	0.82	40	0.79	461	<1	0.12	7	1190	2	0.05	<2	4	50	<20	0.26	<10	<10	64	<10	68
HEGZ10-04	E563444	41.50	43.00	1.50	<0.005	<0.2	1.82	<2	<10	90	<0.5	<2	0.98	<0.5	15	23	31	2.5	10	<1	1	40	0.89	486	<1	0.11	17	1110	<2	0.09	<2	3	47	<20	0.26	<10	<10	63	<10	80
HEGZ10-04	E563445	43.00	44.50	1.50	<0.005	<0.2	1.79	<2	<10	140	<0.5	<2	1.02	<0.5	14	15	27	2.63	10	<1	1.11	40	0.87	566	3	0.11	11	1180	<2	0.08	<2	3	47	<20	0.27	<10	<10	67	<10	88
HEGZ10-04	E563446	44.50	46.00	1.50	<0.005	<0.2	1.54	<2	<10	110	<0.5	<2	0.77	<0.5	12	45	26	2.49	10	<1	0.92	50	0.82	513	2	0.11	18	970	2	0.19	<2	5	43	<20	0.24	<10	<10	64	<10	62
HEGZ10-04	E563447	46.00	47.50	1.50	<0.005	<0.2	1.68	2	<10	130	<0.5	<2	0.97	<0.5	14	68	46	2.78	10	<1	0.94	50	0.85	578	<1	0.1	31	1050	<2	0.1	<2	4	58	<20	0.25	<10	<10	71	<10	74
HEGZ10-04	E563448	47.50	49.00	1.50	<0.005	<0.2	1.4	2	<10	130	<0.5	<2	0.87	<0.5	13	76	43	2.34	10	<1	0.81	40	0.63	382	<1	0.1	27	880	2	0.11	<2	4	38	<20	0.23	<10	<10	76	<10	73
HEGZ10-04	E563449	49.00	50.50	1.50	<0.005	<0.2	1.48	<2	<10	140	<0.5	<2	1.15	<0.5	27	103	93	2.51	<10	<1	0.42	10	0.7	533	4	0.17	68	340	<2	0.3	<2	10	17	<20	0.18	<10	<10	93	<10	45
HEGZ10-04	E563450	50.50	52.00	1.50	<0.005	<0.2	1.9	<2	<10	120	<0.5	<2	1.5	<0.5	27	123	110	3.18	10	<1	0.37	<10	0.74	529	1	0.22	66	260	<2	0.34	<2	13	21	<20	0.18	<10	<10	110	<10	48
BLANK	E563451				0.022	<0.2	0.65	<2	<10	50	<0.5	<2	0.33	<0.5	4	6	7	1.36	<10	<1	0.3	20	0.31	163	<1	0.12	2	350	<2	0.06	<2	1	50	<20	0.12	<10	<10	23	<10	50
HEGZ10-04	E563452	52.00	53.50	1.50	<0.005	<0.2	2.12	<2	<10	240	<0.5	<2	1.54	<0.5	32	134	114	3.25	10	<1	0.61	10	1.11	581	1	0.24	63	460	<2	0.36	<2	15	59	<20	0.22	<10	<10	119	<10	41
HEGZ10-04	E563453	53.50	55.00	1.50	<0.005	0.2	1.75	<2	<10	110	<0.5	<2	1.51	<0.5	41	172	170	3.35	10	<1	0.39	<10	0.87	579	1	0.21	85	290	<2	0.48	<2	23	17	<20	0.24	<10	<10	173	<10	40
HEGZ10-04	E563454	55.00	56.50	1.50	<0.005	<0.2	1.42	<2	<10	40	<0.5	<2	1.45	<0.5	26	111	121	3.24	<10	<1	0.25	<10	0.74	653	<1	0.16	57	260	<2	0.38	<2	14	61	<20	0.18	<10	<10	104	<10	34
HEGZ10-04	E563455	56.50	58.00	1.50	0.005	0.2	2.09	2	<10	60	<0.5	<2	1.88	<0.5	42	171	154	3.95	10	<1	0.48	<10	1.1	858	17	0.18	123	220	<2	0.61	<2	16	122	<20	0.24	<10	<10	128	<10	60
HEGZ10-04	E563456	58.00	59.50	1.50	0.005	0.2	2.03	3	<10	50	<0.5	<2	1.83	<0.5	40	126	148	3.86	10	<1	0.33	<10	1.01	702	<1	0.2	87	310	<2	0.41	<2	20	25	<20	0.25	<10	<10	178	<10	49
HEGZ10-04	E563457	59.50	61.00	1.50	<0.005	<0.2	1.93	2	<10	90	<0.5	<2	1.64	<0.5	31	59	129	4.53	10	<1	0.25	10	0.79	782	<1	0.25	30	480	<2	0.33	<2	20	25	<20	0.19	<10	<10	191	<10	67
HEGZ10-04	E563458	61.00	62.40	1.40	<0.005	0.3	2.74	<2	<10	140	<0.5	<2	1.45	<0.5	46	118	126	4.9	10	<1	0.5	10	0.89	521	<1	0.23	77	470	<2	0.74	<2	21	40	<20	0.21	<10	<10	215	<10	88
BLANK	E563459				<0.005	<0.2	0.59	3	<10	50	<0.5	<2	0.44	<0.5	4	5	12	1.33	<10	<1	0.22	20	0.28	148	<1	0.14	2	400	<2	0.06	<2	2	47	<20	0.13	<10	<10	25	<10	45
HEGZ10-04	E563460	86.30	87.80	1.50	<0.005	0.2	1.2	<2	<10	30	<0.5	<2	1.22	<0.5	14	62	48	2.19	10	<1	0.17	40	0.81	350	2	0.1	32	1120	4	0.3	<2	5	49	<20	0.17	<10	<10	59	<10	54
HEGZ10-04	E563461	87.80	89.45	1.65	<0.005	0.2	0.53	<2	<10	20	<0.5	<2	0.52	<0.5	4	20	26	0.85	<10	<1	0.14	20	0.29	146	<1	0.07	8	360	7	0.11	<2	2	22	<20	0.07	<10	<10	19	<10	22
HEGZ10-04	E563462	89.45	91.00	1.55	<0.005	<0.2	0.98	2	<10	80	<0.5	<2	0.82	<0.5	10	38	31	1.81	10	<1	0.44	40	0.71	308	<1	0.12	19	1040	2	0.13	<2	4	46	<20	0.18	<10	<10	47	<10	48
HEGZ10-04	E563463	91.00	92.50	1.50	<0.005	<0.2	1.13	3	<10	90	<0.5	<2	1.1	<0.5	16	44	82	2.51	10	<1	0.37	30	0.92	361	<1	0.14	31	1010	<2	0.35	<2	6	35	<20	0.21	<10	<10	64	<10	46
HEGZ10-04	E563464	92.50	94.00	1.50	<0.005	0.3	1.17	2	<10	30	<0.5	<2	1.99	<0.5	24	35	137	3.08	<10	<1	0.13	<10	0.97	503	11	0.18	36	410	<2	0.42	<2	10	21	<20	0.21	<10	<10	88	<10	32
HEGZ10-04	E563465	94.00	94.49	0.49	<0.005	0.3	1.17	<2	<10	10	<0.5	<2	1.87	<0.5	35	211	234	3.08	<10	<1	0.1	<10	1.33	433	<1	0.22	204	430	<2	0.55	<2	9	19	<20	0.25	<10	<10	79	<10	45
BLANK	E563466				<0.005	<0.2	1.1	<2	<10	120	<0.5	<2	0.37	<0.5	9	69	11	2.33	10	<1	0.75	20	0.93	391	<1	0.08	12	520	<2	0.11	<2	4	36	<20	0.17	<10	<10	47	<10	149
HEGZ10-06	E563467	65.27	66.50	1.23	<0.005	0.3	0.48	<2	<10	60	<0.5	<2	0.11	<0.5	2	3	9	0.67	<10	<1	0.3	10	0.21	105	<1	0.02	1	70	3	0.28	<2	<1	5	<20	0.01	<10	<10	3	<10	61
HEGZ10-06	E563468	66.50	68.00	1.50	<0.005	0.6	0.96	<2	<10	70	<0.5	<2	0.26	<0.5	4	7	12	1.04	<10	<1	0.55	10	0.57	250	<1	0.06	7	230	<2	0.19	<2	1	15	<20	0.06	<10	<10	10	<10	41
HEGZ10-06	E563469	68.00	69.50	1.50	0.018	0.4	1.28	<2	<10	30	<0.5	<2	0.35	<0.5	4	8	5	1.29	<10	<1	0.5	10	0.73	280	<1	0.09	6	240	<2	0.7	<2	1	24	<20	0.05	<10	<10	7	<10	50
HEGZ10-06	E563470	69.50	71.00	1.50	0.005	0.3	1.59	<2	<10	180	<0.5	<2	0.37	<0.5	6	7	14	1.87	10	1	0.88	20	0.91	393	2	0.1	4	510	<2	0.38	<2	2	33	<20	0.15	<10	<10	25	<10	59
HEGZ10-06	E563471	71.00	72.50	1.50	<0.005	0.2	1.64	<2	<10	50	<0.5	<2	0.64	<0.5	4	11	4	1.08	<10	<1	0.52	10	0.56	168	<1	0.17	6	230	<2	0.19	<2	1	68	<20	0.06	<10	<10	9	<10	26
HEGZ10-06	E563472	72.50	74.00	1.50	0.009	0.6	1.39	<2	<10	100	<0.5	<2	0.52	<0.5	8	22	18	1.82	<10	<1	0.56	10	0.86	290	<1	0.08	10	380	<2	1.12	<2	1	35	<20	0.07	<10	<10	16	<10	45
BLANK	E563473				<0.005	<0.2	0.47	<2	<10	30	<0.5	<2	0.37	<0.5	4	5	11	1.27	10	<1	0.17	20	0.28	141	<1	0.09	2	360	<2	0.07	<2	1	38	<20	0.1	<10	<10	20	<10	37
HEGZ10-06	E563474	74.00	75.50	1.50	0.039	3.3	1.86	<2	<10	100	<0.5	<2	0.44	<0.5	13	21	276	4.45	10	<1	0.97	10	1.55	640	2	0.04	15	340	3	3.74	<2	4	17	<20	0.14	<10	<10	44	<10	89
HEGZ10-06	E563475	75.50	77.00	1.50	0.006	0.7	1.43	<2	<10	100	<0.5	<2	0.75	<0.5	6	14	45	2.32	10	<1	0.77	10	1.02	502	<1	0.06	6	290	8	1.26	<2	1	56	<20	0.1	<10	<10	22	<10	77
HEGZ10-06	E563476	77.00	78.50	1.50	0.008	0.9	0.37	3	<10	20	<0.5	<2	0.77	1.4	4	3	18	1.76	<10	<1	0.13	<10	0.07	90	<1	0.01	3	200	21	1.81	<2	<1	9	<20	<0.01	<10	<10	1	<10	335
HEGZ10-06	E563477	78.50	80.00	1.50	0.007	1	0.25	<2	<10	40	<0.5	<2	0.18	<0.5	4	4	9	1.92	<10	<1	0.1	<10	0.03	42	1	0.03	3	30	4	1.84	<2	<1	13	<20	<0.01	<10	<10	1	<10	16
HEGZ10-06	E563478	80.00	80.80	0.80	0.365	47.1	0.18	17	<10	20	<0.5	20	0.06	28.3	17	1	986	36.7	<10	1	0.07	<10	0.04	93	<1	0.02	71	<10	650	>10.0	5	<1	6	<20	<0.01	<10	<10	<1	<10	6160
HEGZ10-06	E563479	80.80	81.44	0.64	0.38	38.4	0.48	<2	<10	40	<0.5	22	0.3	0.5	19	12	283	6.77	<10	<1	0.21	10	0.26	168	6	0.05	41	260	102	4.33	<2	2	25	<20	0.02	<10	<10	15	<10	155
BLANK	E563480				<0.005	<0.2	0.54	<2	<10	40	<0.5	2	0.29	<0.5	4	6	7	1.49	<10	<1	0.25	20	0.31	170	<1	0.08	2	350	<2	0.05	<2	1	38	<20	0.11	<10	<10	22	<10	51
HEGZ10-06	E563481	81.44	83.00	1.56	0.006	2.2	2.13	<2	<10	60	<0.5	<2	1.19	<0.5	15	90	35	2.51	10	<1	0.71	40	0.81	508	1	0.16	38	1120	4	0.6	<2	5	155	<20	0.17	<10	<10	58	<10	75
HEGZ10-06	E563482	83.00	84.50	1.50	<0.005	0.5	1.63	<2	<10	80	<0.5	<2	0.82	<0.5	15	126	34	2.3	10	<1	0.71	40	0.81	443	4	0.11	42	1090	<2	0.26	<2	5	99	<20	0.21	<10	<10	65	<10	62
HEGZ10-06	E563483	84.50	86.00	1.50	<0.005	0.3	1.11	<2	<10	50	<0.5	<2	0.79	<0.5	12	81	30	1.99	10	<1	0.44	30	0.72	385	2	0.09	33	870	<2	0.3	<2	5	52	<20	0.17	<10	<10	51	<10	51
HEGZ10-06	E563484	86.00	87.50	1.50	<0.005	0.6	0.96	<2	<10	50	<0.5	<2	0.73	<0.5	14	49	50	2.27	<10	<1	0.46	40	0.69	317	2	0.08	35	960	<2	0.49	<2	4	32	<20	0.15	<10	<10	46	<10	58

Hole Number	Sample Number	From (m)	To (m)	Length (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
HEGZ10-06	E563485	87.50	89.00	1.50	0.007	0.3	0.7	<2	<10	40	<0.5	2	0.72	<0.5	9	27	29	1.58	<10	<1	0.31	40	0.49	238	1	0.09	21	940	<2	0.23	<2	3	37	<20	0.13	<10	<10	34	<10	34
HEGZ10-06	E563486	89.00	90.50	1.50	<0.005	0.3	0.81	<2	<10	50	<0.5	<2	0.71	<0.5	11	48	35	1.85	<10	<1	0.44	40	0.62	250	1	0.09	26	980	<2	0.17	<2	3	34	<20	0.16	<10	<10	44	<10	46
HEGZ10-06	E563487	90.50	92.00	1.50	<0.005	<0.2	0.73	<2	<10	30	<0.5	<2	0.89	<0.5	7	33	61	1.53	<10	<1	0.28	40	0.55	281	<1	0.11	16	1000	2	0.12	<2	3	42	<20	0.16	<10	<10	37	<10	36
HEGZ10-06	E563488	92.00	93.50	1.50	<0.005	<0.2	1.05	<2	<10	170	<0.5	<2	0.8	<0.5	11	38	30	2.17	10	<1	0.62	50	0.84	303	<1	0.1	21	1240	3	0.1	<2	3	36	<20	0.21	<10	<10	58	<10	54
HEGZ10-06	E563489	93.50	95.00	1.50	0.006	<0.2	0.96	<2	<10	50	<0.5	<2	1.34	<0.5	16	30	81	2.38	<10	<1	0.22	30	0.71	368	3	0.14	30	850	<2	0.21	<2	7	23	<20	0.18	<10	<10	66	<10	30
HEGZ10-06	E563490	47.00	48.50	1.50	<0.005	<0.2	1.77	3	<10	220	<0.5	<2	1.17	<0.5	14	47	42	3.26	<10	1	1.1	40	1.04	597	<1	0.09	18	1020	2	0.27	<2	4	48	<20	0.26	<10	<10	70	<10	74
HEGZ10-06	E563491	48.50	50.00	1.50	<0.005	0.2	1.95	<2	<10	220	<0.5	<2	1.19	<0.5	13	63	34	3.02	<10	1	1.21	60	1.08	659	<1	0.08	26	1090	3	0.08	<2	3	57	<20	0.25	<10	<10	66	<10	76
HEGZ10-06	E563492	50.00	51.50	1.50	<0.005	<0.2	1.7	<2	<10	200	<0.5	<2	0.85	<0.5	13	78	32	3.07	10	1	1.05	40	0.78	465	1	0.09	28	950	<2	0.05	<2	5	48	<20	0.25	<10	<10	78	<10	79
HEGZ10-06	E563493	51.50	53.00	1.50	<0.005	<0.2	1.45	<2	<10	140	<0.5	<2	0.72	<0.5	15	78	35	2.47	10	1	0.94	40	0.74	412	2	0.09	34	840	2	0.05	<2	5	29	<20	0.25	<10	<10	79	<10	80
HEGZ10-06	E563494	53.00	54.50	1.50	0.008	<0.2	1.83	<2	<10	210	<0.5	<2	1.25	<0.5	35	157	136	3.54	<10	1	0.51	10	0.78	552	11	0.22	95	290	<2	0.39	<2	14	36	<20	0.19	<10	<10	133	<10	46
HEGZ10-06	E563495	54.50	56.00	1.50	0.006	<0.2	2.46	<2	<10	130	<0.5	<2	1.55	<0.5	39	170	126	3.38	<10	1	0.48	<10	0.67	501	1	0.28	95	260	<2	0.46	<2	17	56	<20	0.16	<10	<10	147	<10	59
BLANK	E563496				<0.005	<0.2	0.58	<2	<10	40	<0.5	<2	0.33	<0.5	4	9	11	1.57	<10	1	0.27	20	0.33	170	<1	0.1	2	380	<2	0.09	<2	1	44	<20	0.12	<10	<10	24	<10	48
HEGZ10-06	E563497	56.00	57.50	1.50	<0.005	<0.2	2.41	4	<10	120	<0.5	<2	1.75	<0.5	23	92	105	2.75	<10	1	0.33	10	0.88	438	2	0.25	48	290	<2	0.26	<2	11	47	<20	0.14	<10	<10	84	<10	29
HEGZ10-06	E563498	57.50	59.00	1.50	<0.005	0.2	2.82	<2	<10	100	<0.5	<2	2.14	<0.5	34	133	201	3.58	10	1	0.22	<10	0.81	544	3	0.35	73	320	<2	0.42	<2	17	45	<20	0.16	<10	<10	133	<10	33
HEGZ10-06	E563499	59.00	60.50	1.50	<0.005	0.3	1.86	<2	<10	150	<0.5	<2	1.36	<0.5	34	159	128	3.27	<10	1	0.55	10	0.94	535	<1	0.18	70	440	<2	0.35	<2	19	36	<20	0.21	<10	<10	135	<10	48
					<0.005	0.2	1.63	<2	<10	70	<0.5	<2	1.53	<0.5	38	151	146	3.48	<10	<1	0.41	<10	0.92	726	<1	0.19	104	240	<2	0.42	<2	17	9	<20	0.23	<10	<10	141	<10	42
HEGZ10-06	E563500	60.50	62.00	1.50	<0.005	0.2	1.77	<2	<10	80	<0.5	<2	1.34	<0.5	37	164	127	3.59	<10	<1	0.53	10	0.85	793	<1	0.2	97	260	<2	0.35	<2	17	22	<20	0.24	<10	<10	156	<10	49

Appendix VI. 2010 Drillcore Recovery Datasheets

HEGZ10-01

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	6.10	6.10	290	47.6
6.10	9.14	3.05	302	99.1
9.14	12.19	3.05	294	96.5
12.19	15.24	3.05	297	97.4
15.24	18.29	3.05	299	98.1
18.29	21.34	3.05	299	98.1
21.34	24.38	3.05	296	97.1
24.38	27.43	3.05	291	95.5
27.43	30.48	3.05	305	100.1
30.48	33.53	3.05	307	100.7
33.53	36.58	3.05	297	97.4
36.58	39.62	3.05	288	94.5
39.62	42.67	3.05	307	100.7
42.67	45.72	3.05	302	99.1
45.72	48.77	3.05	291	95.5
48.77	51.82	3.05	292	95.8
51.82	54.86	3.05	295	96.8
54.86	57.91	3.05	296	97.1
57.91	60.96	3.05	310	101.7
60.96	64.01	3.05	299	98.1
64.01	67.06	3.05	293	96.1
67.06	70.10	3.05	287	94.2
70.10	73.15	3.05	291	95.5
73.15	76.20	3.05	310	101.7
76.20	79.25	3.05	276	90.6
79.25	82.30	3.05	242	79.4
82.30	85.35	3.05	300	98.4
85.35	88.39	3.05	311	102.0
88.39	91.44	3.05	300	98.4
91.44	94.49	3.05	305	100.1
94.49	97.54	3.05	305	100.1
97.54	100.59	3.05	278	91.2
100.59	103.63	3.05	291	95.5
103.63	106.68	3.05	304	99.7
106.68	109.73	3.05	291	95.5
109.73	112.78	3.05	302	99.1
112.78	115.83	3.05	307	100.6
115.83	118.87	3.04	301	98.9
118.87	121.92	3.05	295	96.8
121.92	124.97	3.05	310	101.7
124.97	128.02	3.05	298	97.8
128.02	131.07	3.05	306	100.4
131.07	134.11	3.05	303	99.4
134.11	137.16	3.05	309	101.4
137.16	140.21	3.05	304	99.7
140.21	143.26	3.05	305	100.1
143.26	146.31	3.05	305	100.1
146.31	149.35	3.05	305	100.1
149.35	152.40	3.05	305	100.1
152.40	155.45	3.05	305	100.1

HEGZ10-02

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	3.05	3.05	1.13	37.07
3.05	6.10	3.05	3.02	99.08
6.10	9.14	3.05	3.02	99.08
9.14	12.19	3.05	3.00	98.43
12.19	15.24	3.05	3.03	99.41
15.24	18.29	3.05	2.96	97.11
18.29	21.34	3.05	3.00	98.43
21.34	24.38	3.05	2.99	98.10
24.38	27.43	3.05	3.03	99.41
27.43	30.48	3.05	3.08	101.05
30.48	33.53	3.05	3.03	99.41
33.53	36.58	3.05	3.08	101.05
36.58	39.62	3.05	3.09	101.38
39.62	42.67	3.05	2.86	93.83
42.67	45.72	3.05	3.05	100.07
45.72	48.77	3.05	2.96	97.11
48.77	51.82	3.05	3.12	102.36
51.82	54.86	3.05	3.09	101.38
54.86	57.91	3.05	3.05	100.07
57.91	60.96	3.05	3.05	100.07
60.96	64.01	3.05	3.09	101.38
64.01	67.06	3.05	3.07	100.72
67.06	70.10	3.05	3.07	100.72
70.10	73.15	3.05	3.03	99.41
73.15	76.20	3.05	3.07	100.72
76.20	79.25	3.05	2.98	97.77
79.25	82.30	3.05	2.97	97.44
82.30	85.34	3.05	3.11	102.03
85.34	88.39	3.05	3.09	101.38
88.39	91.44	3.05	3.08	101.05
91.44	94.49	3.05	3.02	99.08
94.49	97.54	3.05	3.01	98.75
97.54	100.58	3.05	3.10	101.71
100.58	103.63	3.05	2.92	95.80
103.63	106.68	3.05	2.96	97.11
106.68	109.73	3.05	3.08	101.05
109.73	112.78	3.05	3.10	101.71
112.78	115.82	3.05	3.12	102.36
115.82	118.87	3.05	3.01	98.75
118.87	121.92	3.05	3.07	100.72
121.92	124.97	3.05	3.03	99.41
124.97	128.02	3.05	3.09	101.38
128.02	131.06	3.05	2.88	94.49
131.06	134.11	3.05	3.00	98.43
134.11	137.16	3.05	3.08	101.05
137.16	140.21	3.05	3.11	102.03
140.21	143.26	3.05	3.03	99.41
143.26	146.30	3.05	3.05	100.07
146.30	149.35	3.05	3.10	101.71
149.35	152.10	2.75	2.85	103.71

HEGZ10-03

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	6.10	6.10	323	53.0
6.10	9.14	3.05	306	100.4
9.14	12.19	3.05	302	99.1
12.19	15.24	3.05	293	96.1
15.24	18.29	3.05	301	98.8
18.29	21.34	3.05	300	98.4
21.34	24.38	3.05	300	98.4
24.38	27.43	3.05	307	100.7
27.43	30.48	3.05	300	98.4
30.48	33.53	3.05	299	98.1
33.53	36.58	3.05	289	94.8
36.58	39.62	3.05	306	100.4
39.62	42.67	3.05	307	100.7
42.67	45.72	3.05	299	98.1
45.72	48.77	3.05	306	100.4
48.77	51.82	3.05	297	97.4
51.82	54.86	3.05	298	97.8
54.86	57.91	3.05	307	100.7
57.91	60.96	3.05	306	100.4
60.96	64.01	3.05	299	98.1
64.01	67.06	3.05	309	101.4
67.06	70.10	3.05	295	96.8
70.10	73.15	3.05	303	99.4
73.15	76.20	3.05	303	99.4
76.20	79.25	3.05	295	96.8
79.25	82.30	3.05	306	100.4
82.30	85.35	3.05	304	99.7
85.35	88.39	3.05	240	78.7
88.39	91.44	3.05	287	94.2
91.44	94.49	3.05	294	96.5
94.49	97.54	3.05	307	100.7
97.54	100.59	3.05	305	100.1
100.59	103.63	3.05	305	100.1
103.63	106.68	3.05	303	99.4
106.68	109.73	3.05	270	88.6
109.73	112.78	3.05	314	103.0
112.78	115.83	3.05	313	102.5
115.83	118.87	3.04	309	101.5
118.87	121.92	3.05	294	96.5
121.92	124.97	3.05	297	97.4
124.97	128.02	3.05	297	97.4
128.02	131.07	3.05	306	100.4

HEGZ10-04

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	3.05	3.05	81	26.57
3.05	6.10	3.05	304	99.74
6.10	9.14	3.05	295	96.78
9.14	12.19	3.05	300	98.43
12.19	15.24	3.05	304	99.74
15.24	18.29	3.05	303	99.41
18.29	21.34	3.05	294	96.46
21.34	24.38	3.05	299	98.10
24.38	27.43	3.05	300	98.43
27.43	30.48	3.05	305	100.07
30.48	33.53	3.05	305	100.07
33.53	36.58	3.05	300	98.43
36.58	39.62	3.05	294	96.46
39.62	42.67	3.05	302	99.08
42.67	45.72	3.05	299	98.10
45.72	48.77	3.05	309	101.38
48.77	51.82	3.05	299	98.10
51.82	54.86	3.05	296	97.11
54.86	57.91	3.05	309	101.38
57.91	60.96	3.05	300	98.43
60.96	64.01	3.05	290	95.14
64.01	67.06	3.05	303	99.41
67.06	70.10	3.05	304	99.74
70.10	73.15	3.05	305	100.07
73.15	76.20	3.05	298	97.77
76.20	79.25	3.05	301	98.75
79.25	82.30	3.05	300	98.43
82.30	85.34	3.05	302	99.08
85.34	88.39	3.05	303	99.41
88.39	91.44	3.05	309	101.38
91.44	94.49	3.05	298	97.77

HEGZ10-05

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	3.05	3.05	82	26.90
3.05	6.10	3.05	318	104.33
6.10	9.14	3.05	302	99.08
9.14	12.19	3.05	304	99.74
12.19	15.24	3.05	302	99.08
15.24	18.29	3.05	297	97.44
18.29	21.34	3.05	295	96.78
21.34	24.38	3.05	297	97.44
24.38	27.43	3.05	300	98.43
27.43	30.48	3.05	294	96.46
30.48	33.53	3.05	330	108.27
33.53	36.58	3.05	303	99.41
36.58	39.62	3.05	298	97.77
39.62	42.67	3.05	305	100.07
42.67	45.72	3.05	307	100.72
45.72	48.77	3.05	293	96.13
48.77	51.82	3.05	302	99.08
51.82	54.86	3.05	303	99.41
54.86	57.91	3.05	305	100.07
57.91	60.96	3.05	303	99.41
60.96	64.01	3.05	304	99.74
64.01	67.06	3.05	299	98.10
67.06	70.10	3.05	307	100.72
70.10	73.15	3.05	305	100.07
73.15	76.20	3.05	309	101.38
76.20	79.25	3.05	301	98.75
79.25	82.30	3.05	298	97.77
82.30	85.34	3.05	297	97.44
85.34	88.39	3.05	304	99.74
88.39	91.44	3.05	296	97.11
91.44	94.49	3.05	300	98.43
94.49	97.54	3.05	236	77.43
97.54	100.58	3.05	308	101.05
100.58	103.63	3.05	292.00	95.80
103.63	106.68	3.05	305.00	100.07
106.68	109.73	3.05	305.00	100.07
109.73	112.78	3.05	304.00	99.74
112.78	115.82	3.05	307.00	100.72
115.82	118.87	3.05	308.00	101.05
118.87	121.92	3.05	290.00	95.14
121.92	124.97	3.05	303.00	99.41
124.97	128.02	3.05	291.00	95.47
128.02	131.06	3.05	295.00	96.78
131.06	134.11	3.05	299.00	98.10
134.11	137.16	3.05	288.00	94.49
137.16	140.21	3.05	310.00	101.71
140.21	143.26	3.05	309.00	101.38

HEGZ10-06

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	3.05	3.05	142.00	46.59
3.05	6.10	3.05	299.00	98.10
6.10	9.14	3.05	322.00	105.64
9.14	12.19	3.05	304.00	99.74
12.19	15.24	3.05	300.00	98.43
15.24	18.29	3.05		0.00
18.29	21.34	3.05	304.00	99.74
21.34	24.38	3.05	307.00	100.72
24.38	27.43	3.05	305.00	100.07
27.43	30.48	3.05	302.00	99.08
30.48	33.53	3.05	306.00	100.39
33.53	36.58	3.05	288.00	94.49
36.58	39.62	3.05	302.00	99.08
39.62	42.67	3.05	304.00	99.74
42.67	45.72	3.05	308.00	101.05
45.72	48.77	3.05	300.00	98.43
48.77	51.82	3.05	302.00	99.08
51.82	54.86	3.05	298.00	97.77
54.86	57.91	3.05	306.00	100.39
57.91	60.96	3.05	305.00	100.07
60.96	64.01	3.05		0.00
64.01	67.06	3.05	291.00	95.47
67.06	70.10	3.05	297.00	97.44
70.10	73.15	3.05	310.00	101.71
73.15	76.20	3.05	310.00	101.71
76.20	79.25	3.05	281.00	92.19
79.25	82.30	3.05	298.00	97.77
82.30	85.34	3.05	306.00	100.39
85.34	88.39	3.05	287.00	94.16
88.39	91.44	3.05	305.00	100.07
91.44	94.49	3.05	308.00	101.05
94.49	97.54	3.05	298.00	97.77
97.54	100.58	3.05	308.00	101.05

HEGZ10-07

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	6.10	6.10	258	42.3
6.10	9.14	3.05	308	101.0
9.14	12.19	3.05	288	94.5
12.19	15.24	3.05	301	98.8
15.24	18.29	3.05	287	94.2
18.29	21.34	3.05	302	99.1
21.34	24.38	3.05	297	97.4
24.38	27.43	3.05	304	99.7
27.43	30.48	3.05	285	93.5
30.48	33.53	3.05	306	100.4
33.53	36.58	3.05	299	98.1
36.58	39.62	3.05	305	100.1
39.62	42.67	3.05	305	100.1
42.67	45.72	3.05	305	100.1
45.72	48.77	3.05	297	97.4
48.77	51.82	3.05	306	100.4
51.82	54.86	3.05	302	99.1
54.86	57.91	3.05	291	95.5
57.91	60.96	3.05	304	99.7
60.96	64.01	3.05	310	101.7
64.01	67.06	3.05	315	103.3
67.06	70.10	3.05	286	93.8
70.10	73.15	3.05	296	97.1
73.15	76.20	3.05	301	98.8
76.20	79.25	3.05	260	85.3
79.25	82.30	3.05	293	96.1
82.30	85.35	3.05	311	102.0
85.35	88.39	3.05	303	99.4
88.39	91.44	3.05	309	101.4
91.44	94.49	3.05	280	91.9
94.49	97.54	3.05	305	100.1
97.54	100.59	3.05	308	101.0
100.59	103.63	3.05	266	87.3
103.63	106.68	3.05	277	90.9
106.68	109.73	3.05	297	97.4

HEGZ10-08

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	3.05	3.05		0.00
3.05	6.10	3.05		0.00
6.10	9.14	3.05	295.00	96.78
9.14	12.19	3.05	304.00	99.74
12.19	15.24	3.05	299.00	98.10
15.24	18.29	3.05	291.00	95.47
18.29	21.34	3.05	318.00	104.33
21.34	24.38	3.05	306.00	100.39
24.38	27.43	3.05	308.00	101.05
27.43	30.48	3.05	302.00	99.08
30.48	33.53	3.05	294.00	96.46
33.53	36.58	3.05	311.00	102.03
36.58	39.62	3.05	305.00	100.07
39.62	42.67	3.05	301.00	98.75
42.67	45.72	3.05	295.00	96.78
45.72	48.77	3.05	306.00	100.39
48.77	51.82	3.05	306.00	100.39
51.82	54.86	3.05	311.00	102.03
54.86	57.91	3.05	305.00	100.07
57.91	60.96	3.05	305.00	100.07
60.96	64.01	3.05	306.00	100.39
64.01	67.06	3.05	301.00	98.75
67.06	70.10	3.05	306.00	100.39
70.10	73.15	3.05	305.00	100.07
73.15	76.20	3.05	295.00	96.78
76.20	79.25	3.05	299.00	98.10
79.25	82.30	3.05	301.00	98.75
82.30	85.34	3.05	307.00	100.72
85.34	88.39	3.05	306.00	100.39
88.39	91.44	3.05	306.00	100.39
91.44	94.49	3.05	239.00	78.41

HEGZ10-09

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	3.05	3.05	136.00	44.62
3.05	6.10	3.05	298.00	97.77
6.10	9.14	3.05	296.00	97.11
9.14	12.19	3.05	302.00	99.08
12.19	15.24	3.05	280.00	91.86
15.24	18.29	3.05	301.00	98.75
18.29	21.34	3.05	295.00	96.78
21.34	24.38	3.05	265.00	86.94
24.38	27.43	3.05	293.00	96.13
27.43	30.48	3.05	301.00	98.75
30.48	33.53	3.05	306.00	100.39
33.53	36.58	3.05	303.00	99.41
36.58	39.62	3.05	302.00	99.08
39.62	42.67	3.05	300.00	98.43
42.67	45.72	3.05	299.00	98.10
45.72	48.77	3.05	302.00	99.08
48.77	51.82	3.05	301.00	98.75
51.82	54.86	3.05	302.00	99.08
54.86	57.91	3.05	300.00	98.43
57.91	60.96	3.05	308.00	101.05
60.96	64.01	3.05	305.00	100.07
64.01	67.06	3.05	304.00	99.74
67.06	70.10	3.05	301.00	98.75
70.10	73.15	3.05	305.00	100.07
73.15	76.20	3.05	205.00	67.26
76.20	79.25	3.05		0.00
79.25	82.30	3.05		0.00
82.30	85.34	3.05		0.00
85.34	88.39	3.05		0.00
88.39	91.44	3.05	300.00	98.43
91.44	94.49	3.05	301.00	98.75
94.49	97.54	3.05	303.00	99.41
97.54	100.58	3.05	303.00	99.41
100.58	103.63	3.05	307.00	100.72
103.63	106.68	3.05	310.00	101.71
106.68	109.73	3.05	299.00	98.10

HEGZ10-10

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	~~3.05~~		0.00
~~3.05~~	6.10	6.10	280.00	45.90
6.10	9.14	3.05	280.00	91.86
9.14	12.19	3.05	308.00	101.05
12.19	15.24	3.05	308.00	101.05
15.24	18.29	3.05	300.00	98.43
18.29	21.34	3.05	302.00	99.08
21.34	~~24.38~~	~~3.05~~		0.00
~~24.38~~	27.43	6.10	606.00	99.34
27.43	30.48	3.05	292.00	95.80
30.48	33.53	3.05	300.00	98.43
33.53	36.58	3.05	304.00	99.74
36.58	39.62	3.05	300.00	98.43
39.62	42.67	3.05	306.00	100.39
42.67	45.72	3.05	306.00	100.39
45.72	48.77	3.05	304.00	99.74
48.77	51.82	3.05	301.00	98.75
51.82	54.86	3.05	312.00	102.36
54.86	57.91	3.05	296.00	97.11
57.91	60.96	3.05	304.00	99.74
60.96	64.01	3.05	292.00	95.80
64.01	67.06	3.05	295.00	96.78
67.06	70.10	3.05	325.00	106.63
70.10	73.15	3.05	305.00	100.07
73.15	76.20	3.05	300.00	98.43
76.20	79.25	3.05	299.00	98.10
79.25	82.30	3.05	291.00	95.47
82.30	85.34	3.05	305.00	100.07
85.34	88.39	3.05	294.00	96.46
88.39	91.44	3.05	310.00	101.71
91.44	94.49	3.05	297.00	97.44
94.49	97.54	3.05	304.00	99.74
97.54	100.58	3.05	301.00	98.75
100.58	103.63	3.05	302.00	99.08
103.63	106.68	3.05	299.00	98.10

HEGZ10-11

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	3.05	3.05	103.00	33.79
3.05	6.10	3.05	291.00	95.47
6.10	9.14	3.05	305.00	100.07
9.14	12.19	3.05	270.00	88.58
12.19	15.24	3.05	309.00	101.38
15.24	18.29	3.05	308.00	101.05
18.29	21.34	3.05	310.00	101.71
21.34	24.38	3.05	296.00	97.11
24.38	27.43	3.05	298.00	97.77
27.43	30.48	3.05	307.00	100.72
30.48	33.53	3.05	306.00	100.39
33.53	36.58	3.05	305.00	100.07
36.58	39.62	3.05	295.00	96.78
39.62	42.67	3.05	287.00	94.16
42.67	45.72	3.05	297.00	97.44
45.72	48.77	3.05	309.00	101.38
48.77	51.82	3.05	287.00	94.16
51.82	54.86	3.05	274.00	89.90
54.86	57.91	3.05	247.00	81.04
57.91	60.96	3.05	307.00	100.72
60.96	64.01	3.05	305.00	100.07
64.01	67.06	3.05	310.00	101.71
67.06	70.10	3.05	297.00	97.44
70.10	73.15	3.05	303.00	99.41
73.15	76.20	3.05	307.00	100.72
76.20	79.25	3.05	285.00	93.50
79.25	82.30	3.05	307.00	100.72
82.30	85.34	3.05	285.00	93.50
85.34	88.39	3.05	297.00	97.44

HEGZ10-12

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	~~3.05~~		0.00
~~3.05~~	6.10	6.10	377.00	61.80
6.10	9.14	3.05	290.00	95.14
9.14	12.19	3.05	304.00	99.74
12.19	15.24	3.05	309.00	101.38
15.24	18.29	3.05	296.00	97.11
18.29	21.34	3.05	297.00	97.44
21.34	24.38	3.05	297.00	97.44
24.38	27.43	3.05	303.00	99.41
27.43	30.48	3.05	304.00	99.74
30.48	33.53	3.05	307.00	100.72
33.53	36.58	3.05	305.00	100.07
36.58	39.62	3.05	303.00	99.41
39.62	42.67	3.05	304.00	99.74
42.67	45.72	3.05	305.00	100.07
45.72	48.77	3.05	306.00	100.39
48.77	51.82	3.05	268.00	87.93
51.82	54.86	3.05	289.00	94.82
54.86	57.91	3.05	304.00	99.74
57.91	60.96	3.05	309.00	101.38
60.96	64.01	3.05	305.00	100.07
64.01	67.06	3.05	306.00	100.39
67.06	70.10	3.05	309.00	101.38
70.10	73.15	3.05	304.00	99.74
73.15	76.20	3.05	305.00	100.07
76.20	79.25	3.05	270.00	88.58
79.25	82.30	3.05	307.00	100.72
82.30	85.34	3.05	307.00	100.72
85.34	88.39	3.05	307.00	100.72
88.39	91.44	3.05	300.00	98.43

HEGZ10-13

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	6.10	6.10	323	53.0
6.10	9.14	3.05	275	90.2
9.14	12.19	3.05	308	101.0
12.19	15.24	3.05	302	99.1
15.24	18.29	3.05	302	99.1
18.29	21.34	3.05	298	97.8
21.34	24.38	3.05	305	100.1
24.38	27.43	3.05	295	96.8
27.43	30.48	3.05	310	101.7
30.48	33.53	3.05	294	96.5
33.53	36.58	3.05	300	98.4
36.58	39.62	3.05	292	95.8
39.62	42.67	3.05	306	100.4
42.67	45.72	3.05	294	96.5
45.72	48.77	3.05	303	99.4
48.77	51.82	3.05	302	99.1
51.82	54.86	3.05	295	96.8
54.86	57.91	3.05	217	71.2
57.91	60.96	3.05	302	99.1
60.96	64.01	3.05	306	100.4
64.01	67.06	3.05	296	97.1
67.06	70.10	3.05	302	99.1
70.10	73.15	3.05	304	99.7
73.15	76.20	3.05	306	100.4

HEGZ10-14

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	~~3.05~~		0.00
~~3.05~~	6.10	6.10	265.00	43.44
6.10	9.14	3.05	301.00	98.75
9.14	12.19	3.05	305.00	100.07
12.19	15.24	3.05	298.00	97.77
15.24	18.29	3.05	300.00	98.43
18.29	21.34	3.05	301.00	98.75
21.34	24.38	3.05	276.00	90.55
24.38	27.43	3.05	306.00	100.39
27.43	30.48	3.05	292.00	95.80
30.48	33.53	3.05	303.00	99.41
33.53	36.58	3.05	346.00	113.52
36.58	39.62	3.05	299.00	98.10
39.62	42.67	3.05	310.00	101.71
42.67	45.72	3.05	303.00	99.41
45.72	48.77	3.05	305.00	100.07
48.77	51.82	3.05	301.00	98.75
51.82	54.86	3.05	302.00	99.08
54.86	57.91	3.05	295.00	96.78
57.91	60.96	3.05	303.00	99.41
60.96	64.01	3.05	294.00	96.46
64.01	67.06	3.05	308.00	101.05
67.06	70.10	3.05	305.00	100.07
70.10	73.15	3.05	302.00	99.08
73.15	76.20	3.05	306.00	100.39
76.20	79.25	3.05	282.00	92.52
79.25	82.30	3.05	277.00	90.88
82.30	85.34	3.05	320.00	104.99
85.34	88.39	3.05	301.00	98.75
88.39	91.44	3.05	302.00	99.08
91.44	94.49	3.05	304.00	99.74
94.49	97.54	3.05	301.00	98.75
97.54	100.58	3.05	285.00	93.50
100.58	103.63	3.05	308.00	101.05
103.63	106.68	3.05	306.00	100.39
106.68	109.73	3.05	310.00	101.71

HEGZ10-15

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	6.10	6.10	264	43.3
6.10	9.14	3.05	289	94.8
9.14	12.19	3.05	292	95.8
12.19	15.24	3.05	305	100.1
15.24	18.29	3.05	303	99.4
18.29	21.34	3.05	277	90.9
21.34	24.38	3.05	291	95.5
24.38	27.43	3.05	306	100.4
27.43	30.48	3.05	303	99.4
30.48	33.53	3.05	277	90.9
33.53	36.58	3.05	294	96.5
36.58	39.62	3.05	280	91.9
39.62	42.67	3.05	301	98.8
42.67	45.72	3.05	297	97.4
45.72	48.77	3.05	305	100.1
48.77	51.82	3.05	304	99.7
51.82	54.86	3.05	296	97.1
54.86	57.91	3.05	299	98.1
57.91	60.96	3.05	268	87.9
60.96	64.01	3.05	301	98.8
64.01	67.06	3.05	306	100.4
67.06	70.10	3.05	290	95.1
70.10	73.15	3.05	301	98.8
73.15	76.20	3.05	305	100.1
76.20	79.25	3.05	307	100.7
79.25	82.30	3.05	290	95.1
82.30	85.35	3.05	261	85.6
85.35	88.39	3.05	268	87.9
88.39	91.44	3.05	270	88.6
91.44	94.49	3.05	293	96.1

HEGZ10-16

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	3.05	3.05	0	0.00
3.05	6.10	3.05	0	0.00
6.10	9.14	3.05	0	0.00
9.14	12.19	3.05	277	90.88
12.19	15.24	3.05	309	101.38
15.24	18.29	3.05	304	99.74
18.29	21.34	3.05	284	93.18
21.34	24.38	3.05	0	0.00
24.38	27.43	3.05	0	0.00
27.43	30.48	3.05	0	0.00
30.48	33.53	3.05	305	100.07
33.53	36.58	3.05	315	103.35
36.58	39.62	3.05	305	100.07
39.62	42.67	3.05	305	100.07
42.67	45.72	3.05	305	100.07
45.72	48.77	3.05	300	98.43
48.77	51.82	3.05	293	96.13
51.82	54.86	3.05	307	100.72
54.86	57.91	3.05	301	98.75
57.91	60.96	3.05	292	95.80
60.96	64.01	3.05	294	96.46
64.01	67.06	3.05	260	85.30
67.06	70.10	3.05	305	100.07
70.10	73.15	3.05	283	92.85
73.15	76.20	3.05	303	99.41
76.20	79.25	3.05	195	63.98
79.25	82.30	3.05	281	92.19
82.30	85.34	3.05	311	102.03
85.34	88.39	3.05	300	98.43
88.39	91.44	3.05	276	90.55
91.44	94.49	3.05	315	103.35
94.49	97.54	3.05	290	95.14

HEGZ10-17

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	~~3.05~~		0.00
~~3.05~~	6.10	6.10	238	39.02
6.10	9.14	3.05	305	100.07
9.14	12.19	3.05	305	100.07
12.19	15.24	3.05	297	97.44
15.24	18.29	3.05	312	102.36
18.29	21.34	3.05	297	97.44
21.34	24.38	3.05	306	100.39
24.38	27.43	3.05	305	100.07
27.43	30.48	3.05	300	98.43
30.48	33.53	3.05	302	99.08
33.53	36.58	3.05	306	100.39
36.58	39.62	3.05	302	99.08
39.62	42.67	3.05	295	96.78
42.67	45.72	3.05	304	99.74
45.72	48.77	3.05	304	99.74
48.77	51.82	3.05	304	99.74
51.82	54.86	3.05	304	99.74
54.86	57.91	3.05	309	101.38
57.91	60.96	3.05	294	96.46
60.96	64.01	3.05	302	99.08
64.01	67.06	3.05	297	97.44
67.06	70.10	3.05	309	101.38
70.10	73.15	3.05	271	88.91
73.15	76.20	3.05	309	101.38
76.20	79.25	3.05	312	102.36
79.25	82.30	3.05	309	101.38
82.30	85.34	3.05	306	100.39

HEGZ10-18

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	3.05	3.05	26	8.53
3.05	6.10	3.05	250	82.02
6.10	9.14	3.05	45	14.76
9.14	12.19	3.05	250	82.02
12.19	15.24	3.05	296	97.11
15.24	18.29	3.05	281	92.19
18.29	21.34	3.05	312	102.36
21.34	24.38	3.05	289	94.82
24.38	27.43	3.05	304	99.74
27.43	30.48	3.05	305	100.07
30.48	33.53	3.05	305	100.07
33.53	36.58	3.05	306	100.39
36.58	39.62	3.05	212	69.55
39.62	42.67	3.05	89	29.20
42.67	45.72	3.05	284	93.18
45.72	48.77	3.05	263	86.29
48.77	51.82	3.05	300	98.43
51.82	54.86	3.05	264	86.61
54.86	57.91	3.05	330	108.27
57.91	60.96	3.05	318	104.33
60.96	64.01	3.05	301	98.75
64.01	67.06	3.05	306	100.39
67.06	70.10	3.05	301	98.75
70.10	73.15	3.05	305	100.07
73.15	76.20	3.05	300	98.43
76.20	79.25	3.05	293	96.13
79.25	82.30	3.05	295	96.78
82.30	85.34	3.05	301	98.75
85.34	88.39	3.05	309	101.38
88.39	91.44	3.05	261	85.63

HEGZ10-19

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	~~3.05~~		0.00
~~3.05~~	6.10	6.10	182	29.84
6.10	9.14	3.05	300	98.43
9.14	12.19	3.05	295	96.78
12.19	15.24	3.05	305	100.07
15.24	18.29	3.05	290	95.14
18.29	21.34	3.05	307	100.72
21.34	24.38	3.05	295	96.78
24.38	27.43	3.05	323	105.97
27.43	30.48	3.05	294	96.46
30.48	33.53	3.05	298	97.77
33.53	36.58	3.05	308	101.05
36.58	39.62	3.05	300	98.43
39.62	42.67	3.05	302	99.08
42.67	45.72	3.05	306	100.39
45.72	48.77	3.05	296	97.11
48.77	51.82	3.05	294	96.46
51.82	54.86	3.05	306	100.39
54.86	57.91	3.05	304	99.74
57.91	60.96	3.05	330	108.27
60.96	64.01	3.05	274	89.90
64.01	67.06	3.05	300	98.43
67.06	70.10	3.05	300	98.43
70.10	73.15	3.05	305	100.07
73.15	76.20	3.05	297	97.44
76.20	79.25	3.05	310	101.71
79.25	82.30	3.05	305	100.07
82.30	85.34	3.05	293	96.13

HEGZ10-20

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	~~3.05~~		0.00
~~3.05~~	6.10	6.10	274	44.92
6.10	9.14	3.05	290	95.14
9.14	12.19	3.05	290	95.14
12.19	15.24	3.05	303	99.41
15.24	18.29	3.05	299	98.10
18.29	21.34	3.05	305	100.07
21.34	24.38	3.05	302	99.08
24.38	27.43	3.05	305	100.07
27.43	30.48	3.05	307	100.72
30.48	33.53	3.05	290	95.14
33.53	36.58	3.05	307	100.72
36.58	39.62	3.05	303	99.41
39.62	42.67	3.05	304	99.74
42.67	45.72	3.05	306	100.39
45.72	48.77	3.05	288	94.49
48.77	51.82	3.05	305	100.07
51.82	54.86	3.05	296	97.11
54.86	57.91	3.05	305	100.07
57.91	60.96	3.05	307	100.72
60.96	64.01	3.05	302	99.08
64.01	67.06	3.05	301	98.75
67.06	70.10	3.05	305	100.07
70.10	73.15	3.05	300	98.43
73.15	76.20	3.05	297	97.44
76.20	79.25	3.05	309	101.38
79.25	82.30	3.05	298	97.77
82.30	85.34	3.05	310	101.71
85.34	88.39	3.05	305	100.07
88.39	91.44	3.05	302	99.08
91.44	94.49	3.05	297	97.44
94.49	97.54	3.05	297	97.44
97.54	100.58	3.05	305	100.07
100.58	103.63	3.05	290	95.14
103.63	106.68	3.05	286	93.83
106.68	109.73	3.05	333	109.25
109.73	112.78	3.05	308	101.05
112.78	115.82	3.05	291	95.47
115.82	118.87	3.05	263	86.29
118.87	121.92	3.05	300	98.43
121.92	124.97	3.05	298	97.77
124.97	128.02	3.05	291	95.47
128.02	131.06	3.05	330	108.27
131.06	134.11	3.05		
134.11	137.16	3.05		
137.16	140.21	3.05		
140.21	143.26	3.05		
143.26	146.30	3.05		
146.30	149.35	3.05		

HEGZ10-21

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	3.05	3.05	60	19.69
3.05	6.10	3.05	310	101.71
6.10	9.14	3.05	296	97.11
9.14	12.19	3.05	298	97.77
12.19	15.24	3.05	296	97.11
15.24	18.29	3.05	270	88.58
18.29	21.34	3.05	291	95.47
21.34	24.38	3.05	305	100.07
24.38	27.43	3.05	307	100.72
27.43	30.48	3.05	311	102.03
30.48	33.53	3.05	307	100.72
33.53	36.58	3.05	301	98.75
36.58	39.62	3.05	302	99.08
39.62	42.67	3.05	306	100.39
42.67	45.72	3.05	291	95.47
45.72	48.77	3.05	281	92.19
48.77	51.82	3.05	304	99.74
51.82	54.86	3.05	300	98.43
54.86	57.91	3.05	304	99.74
57.91	60.96	3.05	305	100.07
60.96	64.01	3.05	299	98.10
64.01	67.06	3.05	291	95.47
67.06	70.10	3.05	306	100.39
70.10	73.15	3.05	300	98.43
73.15	76.20	3.05	306	100.39
76.20	79.25	3.05	302	99.08
79.25	82.30	3.05	320	104.99
82.30	85.34	3.05	254	83.33
85.34	88.39	3.05	310	101.71
88.39	91.44	3.05	302	99.08
91.44	94.49	3.05	297	97.44
94.49	97.54	3.05	305	100.07
97.54	100.58	3.05	302	99.08
100.58	103.63	3.05	220	72.18
103.63	106.68	3.05	285	93.50
106.68	109.73	3.05	301	98.75
109.73	112.78	3.05	320	104.99
112.78	115.82	3.05	290	95.14
115.82	118.87	3.05	297	97.44
118.87	121.92	3.05	283	92.85
121.92	124.97	3.05	285	93.50
124.97	128.02	3.05	150	49.21
128.02	131.06	3.05		
131.06	134.11	3.05		
134.11	137.16	3.05		
137.16	140.21	3.05		
140.21	143.26	3.05		
143.26	146.30	3.05		
146.30	149.35	3.05		

HEGZ10-22

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	~~3.05~~		0.00
~~3.05~~	6.10	6.10	269	44.10
6.10	9.14	3.05	305	100.07
9.14	12.19	3.05	297	97.44
12.19	15.24	3.05	288	94.49
15.24	18.29	3.05	301	98.75
18.29	21.34	3.05	305	100.07
21.34	24.38	3.05	301	98.75
24.38	27.43	3.05	305	100.07
27.43	30.48	3.05	301	98.75
30.48	33.53	3.05	303	99.41
33.53	36.58	3.05	300	98.43
36.58	39.62	3.05	300	98.43
39.62	42.67	3.05	99	32.48
42.67	45.72	3.05	305	100.07
45.72	48.77	3.05	302	99.08
48.77	51.82	3.05	301	98.75
51.82	54.86	3.05	301	98.75
54.86	57.91	3.05	302	99.08
57.91	60.96	3.05	307	100.72
60.96	64.01	3.05	299	98.10
64.01	67.06	3.05	301	98.75
67.06	70.10	3.05	302	99.08
70.10	73.15	3.05	296	97.11
73.15	76.20	3.05	309	101.38
76.20	79.25	3.05	296	97.11
79.25	82.30	3.05	264	86.61
82.30	85.34	3.05	338	110.89
85.34	88.39	3.05	307	100.72
88.39	91.44	3.05	308	101.05
91.44	94.49	3.05	305	100.07
94.49	97.54	3.05	303	99.41
97.54	100.58	3.05	330	108.27
100.58	103.63	3.05	277	90.88
103.63	106.68	3.05	280	91.86
106.68	109.73	3.05	301	98.75
109.73	112.78	3.05	302	99.08
112.78	115.82	3.05	304	99.74
115.82	118.87	3.05	310	101.71
118.87	121.92	3.05	304	99.74
121.92	124.97	3.05	304	99.74
124.97	128.02	3.05	299	98.10
128.02	131.06	3.05	298	97.77
131.06	134.11	3.05	283	92.85
134.11	137.16	3.05	325	106.63
137.16	140.21	3.05	302	99.08
140.21	143.26	3.05	288	94.49
143.26	146.30	3.05	286	93.83

HEGZ10-23

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	~~3.05~~		0.00
~~3.05~~	6.10	6.10	311	50.98
6.10	9.14	3.05	292	95.80
9.14	12.19	3.05	303	99.41
12.19	15.24	3.05	301	98.75
15.24	18.29	3.05	293	96.13
18.29	21.34	3.05	292	95.80
21.34	24.38	3.05	303	99.41
24.38	27.43	3.05	304	99.74
27.43	30.48	3.05	300	98.43
30.48	33.53	3.05	299	98.10
33.53	36.58	3.05	302	99.08
36.58	39.62	3.05	306	100.39
39.62	42.67	3.05	303	99.41
42.67	45.72	3.05	314	103.02
45.72	48.77	3.05	302	99.08
48.77	51.82	3.05	302	99.08
51.82	54.86	3.05	294	96.46
54.86	57.91	3.05	315	103.35
57.91	60.96	3.05	309	101.38
60.96	64.01	3.05	304	99.74
64.01	67.06	3.05	305	100.07
67.06	70.10	3.05	304	99.74
70.10	73.15	3.05	301	98.75
73.15	76.20	3.05	304	99.74
76.20	79.25	3.05	298	97.77
79.25	82.30	3.05	296	97.11
82.30	85.34	3.05	297	97.44
85.34	88.39	3.05	300	98.43
88.39	91.44	3.05	298	97.77
91.44	94.49	3.05	299	98.10
94.49	97.54	3.05	308	101.05
97.54	100.58	3.05	307	100.72
100.58	103.63	3.05	309	101.38
103.63	106.68	3.05	304	99.74
106.68	109.73	3.05	303	99.41
109.73	112.78	3.05	316	103.67
112.78	115.82	3.05	314	103.02
115.82	118.87	3.05	313	102.69
118.87	121.92	3.05		0.00
121.92	124.97	3.05	304	99.74
124.97	128.02	3.05	308	101.05
128.02	131.06	3.05	294	96.46
131.06	134.11	3.05	291	95.47
134.11	137.16	3.05	288	94.49
137.16	140.21	3.05	307	100.72
140.21	143.26	3.05	303	99.41
143.26	146.30	3.05	292	95.80
146.30	149.35	3.05	298	97.77
149.35	152.40	3.05	295	96.78
152.40	155.45	3.05	306	100.39
155.45	158.50	3.05	297	97.44

HEGZ10-24

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	~~3.05~~		0.00
~~3.05~~	6.10	6.10	397	65.08
6.10	9.14	3.05	304	99.74
9.14	12.19	3.05	297	97.44
12.19	15.24	3.05	310	101.71
15.24	18.29	3.05	302	99.08
18.29	21.34	3.05	300	98.43
21.34	24.38	3.05	305	100.07
24.38	27.43	3.05	312	102.36
27.43	30.48	3.05	302	99.08
30.48	33.53	3.05	289	94.82
33.53	36.58	3.05	300	98.43
36.58	39.62	3.05	303	99.41
39.62	42.67	3.05	288	94.49
42.67	45.72	3.05	301	98.75
45.72	48.77	3.05	293	96.13
48.77	51.82	3.05	295	96.78
51.82	54.86	3.05	298	97.77
54.86	57.91	3.05	306	100.39
57.91	60.96	3.05	302	99.08
60.96	64.01	3.05	298	97.77
64.01	67.06	3.05	297	97.44
67.06	70.10	3.05	302	99.08
70.10	73.15	3.05	315	103.35
73.15	76.20	3.05	287	94.16
76.20	79.25	3.05	302	99.08
79.25	82.30	3.05	304	99.74
82.30	85.34	3.05	298	97.77
85.34	88.39	3.05	306	100.39
88.39	91.44	3.05	297	97.44
91.44	94.49	3.05	296	97.11
94.49	97.54	3.05	283	92.85
97.54	100.58	3.05	300	98.43
100.58	103.63	3.05	305	100.07
103.63	106.68	3.05	310	101.71
106.68	109.73	3.05	304	99.74
109.73	112.78	3.05	299	98.10
112.78	115.82	3.05	290	95.14
115.82	118.87	3.05	303	99.41
118.87	121.92	3.05	308	101.05
121.92	124.97	3.05	304	99.74
124.97	128.02	3.05	303	99.41
128.02	131.06	3.05	307	100.72
131.06	134.11	3.05	307	100.72
134.11	137.16	3.05	304	99.74
137.16	140.21	3.05	303	99.41
140.21	143.26	3.05	302	99.08
143.26	146.30	3.05	304	99.74
146.30	149.35	3.05	300	98.43
149.35	152.40	3.05	296	97.11
152.40	155.45	3.05	292	95.80
155.45	158.50	3.05	282	92.52
158.50	161.54	3.05	283	92.85

HEGZ10-25

From (m)	To (m)	Length (m)	Core Length	% Recovery	
0.00	3.05	3.05	175	57.41	
3.05	6.10	3.05	327	107.28	
6.10	9.14	3.05	295	96.78	
9.14	12.19	3.05	286	93.83	
12.19	15.24	3.05	315	103.35	
15.24	18.29	3.05	310	101.71	
18.29	21.34	3.05	289	94.82	
21.34	24.38	3.05	313	102.69	
24.38	27.43	3.05	287	94.16	
27.43	30.48	3.05	314	103.02	
30.48	33.53	3.05	290	95.14	
33.53	36.58	3.05	289	94.82	
36.58	39.62	3.05	307	100.72	
39.62	42.67	3.05	290	95.14	
42.67	45.72	3.05	309	101.38	
45.72	48.77	3.05	309	101.38	
48.77	51.82	3.05	303	99.41	
51.82	54.86	3.05	307	100.72	
54.86	57.91	3.05	305	100.07	
57.91	60.96	3.05	303	99.41	
60.96	64.01	3.05	305	100.07	
64.01	67.06	3.05	305	100.07	
67.06	70.10	3.05	297	97.44	
70.10	73.15	3.05	303	99.41	
73.15	76.20	3.05	304	99.74	
76.20	79.25	3.05	309	101.38	
79.25	82.30	3.05	300	98.43	
82.30	85.34	3.05	291	95.47	
85.34	88.39	3.05	303	99.41	
88.39	91.44	3.05	303	99.41	
91.44	94.49	3.05	304	99.74	
94.49	97.54	3.05	305	100.07	
97.54	100.58	3.05	303	99.41	
100.58	103.63	3.05	311	102.03	
103.63	106.68	3.05	300	98.43	
106.68	109.73	3.05	298	97.77	
109.73	112.78	3.05	299	98.10	
112.78	115.82	3.05	312	102.36	
115.82	118.87	3.05	302	99.08	
118.87	121.92	3.05	309	101.38	
121.92	124.97	3.05	310	101.71	
124.97	128.02	3.05	297	97.44	
128.02	131.06	3.05	302	99.08	
131.06	134.11	3.05	345	113.19	??
134.11	137.16	3.05	309	101.38	
137.16	140.21	3.05	300	98.43	
140.21	143.26	3.05	296	97.11	
143.26	146.30	3.05	309	101.38	
146.30	149.35	3.05	305	100.07	
149.35	152.40	3.05	307	100.72	
152.40	155.45	3.05	303	99.41	

From (m)	To (m)	Length (m)	Core Length	% Recovery
155.45	158.50	3.05	305	100.07
158.50	161.54	3.05	302	99.08
161.54	164.59	3.05	302	99.08
164.59	167.64	3.05	273	89.57
167.64	170.69	3.05	289	94.82
170.69	173.74	3.05	310	101.71

HEGZ10-26

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	~~3.05~~		0.00
~~3.05~~	6.10	6.10	476	78.03
6.10	9.14	3.05	302	99.08
9.14	12.19	3.05	300	98.43
12.19	15.24	3.05	303	99.41
15.24	18.29	3.05	306	100.39
18.29	21.34	3.05	305	100.07
21.34	24.38	3.05	299	98.10
24.38	27.43	3.05	314	103.02
27.43	30.48	3.05	305	100.07
30.48	33.53	3.05	358	117.45
33.53	36.58	3.05	236	77.43
36.58	39.62	3.05	310	101.71
39.62	42.67	3.05	309	101.38
42.67	45.72	3.05	302	99.08
45.72	48.77	3.05	298	97.77
48.77	51.82	3.05	301	98.75
51.82	54.86	3.05	306	100.39
54.86	57.91	3.05	305	100.07
57.91	60.96	3.05	307	100.72
60.96	64.01	3.05	309	101.38
64.01	67.06	3.05	302	99.08
67.06	70.10	3.05	300	98.43
70.10	73.15	3.05	314	103.02
73.15	76.20	3.05	311	102.03
76.20	79.25	3.05	308	101.05
79.25	82.30	3.05	308	101.05
82.30	85.34	3.05	305	100.07
85.34	88.39	3.05	300	98.43
88.39	91.44	3.05	340	111.55
91.44	94.49	3.05	306	100.39
94.49	97.54	3.05	305	100.07
97.54	100.58	3.05	302	99.08
100.58	103.63	3.05	297	97.44
103.63	106.68	3.05	304	99.74
106.68	109.73	3.05	277	90.88
109.73	112.78	3.05	297	97.44
112.78	115.82	3.05	296	97.11
115.82	118.87	3.05	309	101.38
118.87	121.92	3.05	299	98.10
121.92	124.97	3.05	307	100.72
124.97	128.02	3.05	290	95.14
128.02	131.06	3.05	305	100.07
131.06	134.11	3.05	307	100.72
134.11	137.16	3.05	311	102.03
137.16	140.21	3.05	298	97.77
140.21	143.26	3.05	305	100.07
143.26	146.30	3.05	295	96.78
146.30	149.35	3.05	307	100.72
149.35	152.40	3.05	271	88.91
152.40	155.45	3.05	305	100.07

From (m)	To (m)	Length (m)	Core Length	% Recovery
155.45	158.50	3.05	307	100.72
158.50	161.54	3.05	307	100.72
161.54	164.59	3.05	286	93.83
164.59	167.64	3.05	318	104.33
167.64	170.69	3.05	305	100.07
170.69	173.74	3.05	307	100.72
173.74	176.78	3.05	306	100.39
176.78	179.83	3.05	302	99.08
179.83	182.88	3.05	310	101.71
182.88	185.93	3.05	307	100.72
185.93	188.98	3.05	315	103.35
188.98	192.02	3.05	285	93.50
192.02	195.07	3.05	310	101.71
195.07	198.12	3.05	300	98.43
198.12	201.17	3.05	308	101.05
201.17	204.22	3.05	307	100.72
204.22	207.26	3.05	280	91.86
207.26	210.31	3.05	300	98.43
210.31	213.36	3.05	307	100.72
213.36	216.41	3.05	307	100.72

HEGZ10-27

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	3.05		0.00
~~3.05~~	6.10	6.10	586	96.07
6.10	9.14	3.05	310	101.71
9.14	12.19	3.05	300	98.43
12.19	15.24	3.05	296	97.11
15.24	18.29	3.05	309	101.38
18.29	21.34	3.05	306	100.39
21.34	24.38	3.05	304	99.74
24.38	27.43	3.05	300	98.43
27.43	30.48	3.05	313	102.69
30.48	33.53	3.05	296	97.11
33.53	36.58	3.05	306	100.39
36.58	39.62	3.05	301	98.75
39.62	42.67	3.05	301	98.75
42.67	45.72	3.05	316	103.67
45.72	48.77	3.05	290	95.14
48.77	51.82	3.05	300	98.43
51.82	54.86	3.05	302	99.08
54.86	57.91	3.05	310	101.71
57.91	60.96	3.05	302	99.08
60.96	64.01	3.05	299	98.10
64.01	67.06	3.05	305	100.07
67.06	70.10	3.05	307	100.72
70.10	73.15	3.05	311	102.03
73.15	76.20	3.05	292	95.80
76.20	79.25	3.05	304	99.74
79.25	82.30	3.05	316	103.67
82.30	85.34	3.05	303	99.41
85.34	88.39	3.05	279	91.54
88.39	91.44	3.05	303	99.41
91.44	94.49	3.05	303	99.41
94.49	97.54	3.05	305	100.07
97.54	100.58	3.05	304	99.74
100.58	103.63	3.05	305	100.07
103.63	106.68	3.05	313	102.69
106.68	109.73	3.05	310	101.71
109.73	112.78	3.05	305	100.07
112.78	115.82	3.05	299	98.10
115.82	118.87	3.05	297	97.44
118.87	121.92	3.05	304	99.74
121.92	124.97	3.05	310	101.71
124.97	128.02	3.05	307	100.72
128.02	131.06	3.05	318	104.33
131.06	134.11	3.05	306	100.39
134.11	137.16	3.05	303	99.41
137.16	140.21	3.05	304	99.74
140.21	143.26	3.05	306	100.39
143.26	146.30	3.05	303	99.41
146.30	149.35	3.05	303	99.41
149.35	152.40	3.05	302	99.08
152.40	155.45	3.05	293	96.13

From (m)	To (m)	Length (m)	Core Length	% Recovery
155.45	158.50	3.05		0.00
158.50	161.54	3.05		0.00
161.54	164.59	3.05	254	83.33
164.59	167.64	3.05	293	96.13

HEGZ10-28

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	3.05		0.00
~~3.05~~	6.10	6.10	444	72.79
6.10	9.14	3.05	311	102.03
9.14	12.19	3.05	297	97.44
12.19	15.24	3.05	299	98.10
15.24	18.29	3.05	316	103.67
18.29	21.34	3.05	294	96.46
21.34	24.38	3.05	314	103.02
24.38	27.43	3.05	305	100.07
27.43	30.48	3.05	294	96.46
30.48	33.53	3.05	307	100.72
33.53	36.58	3.05	293	96.13
36.58	39.62	3.05	306	100.39
39.62	42.67	3.05	307	100.72
42.67	45.72	3.05	303	99.41
45.72	48.77	3.05	262	85.96
48.77	51.82	3.05	300	98.43
51.82	54.86	3.05	301	98.75
54.86	57.91	3.05	307	100.72
57.91	60.96	3.05	305	100.07
60.96	64.01	3.05	303	99.41
64.01	67.06	3.05	307	100.72
67.06	70.10	3.05	295	96.78
70.10	73.15	3.05	308	101.05
73.15	76.20	3.05	294	96.46
76.20	79.25	3.05		0.00
79.25	82.30	3.05		0.00
82.30	85.34	3.05		0.00
85.34	88.39	3.05	305	100.07
88.39	91.44	3.05	306	100.39
91.44	94.49	3.05	233	76.44
94.49	97.54	3.05		0.00
97.54	100.58	3.05		0.00
100.58	103.63	3.05	295	96.78
103.63	106.68	3.05	305	100.07
106.68	109.73	3.05	308	101.05
109.73	112.78	3.05	307	100.72
112.78	115.82	3.05	300	98.43
115.82	118.87	3.05	303	99.41
118.87	121.92	3.05	306	100.39
121.92	124.97	3.05	310	101.71
124.97	128.02	3.05		0.00
128.02	131.06	3.05	306	100.39
131.06	134.11	3.05	303	99.41
134.11	137.16	3.05	305	100.07
137.16	140.21	3.05	306	100.39
140.21	143.26	3.05	303	99.41
143.26	146.30	3.05	310	101.71
146.30	149.35	3.05	302	99.08
149.35	152.40	3.05	288	94.49

HEGZ10-29

From (m)	To (m)	Length (m)	Core Length	% Recovery
0.00	~~3.05~~	~~3.05~~		0.00
~~3.05~~	6.10	6.10	203	33.28
6.10	9.14	3.05	290	95.14
9.14	12.19	3.05	293	96.13
12.19	15.24	3.05	281	92.19
15.24	18.29	3.05	318	104.33
18.29	21.34	3.05	294	96.46
21.34	24.38	3.05	297	97.44
24.38	27.43	3.05	307	100.72
27.43	30.48	3.05	314	103.02
30.48	33.53	3.05	292	95.80
33.53	36.58	3.05	306	100.39
36.58	39.62	3.05	310	101.71
39.62	42.67	3.05	288	94.49
42.67	45.72	3.05	311	102.03
45.72	48.77	3.05	298	97.77
48.77	51.82	3.05	301	98.75
51.82	54.86	3.05	300	98.43
54.86	57.91	3.05	607	199.15
57.91	60.96	3.05		0.00
60.96	64.01	3.05	304	99.74
64.01	67.06	3.05	300	98.43
67.06	70.10	3.05	306	100.39
70.10	73.15	3.05	313	102.69
73.15	76.20	3.05	295	96.78
76.20	79.25	3.05	303	99.41
79.25	82.30	3.05	296	97.11
82.30	85.34	3.05	291	95.47
85.34	88.39	3.05	304	99.74
88.39	91.44	3.05	293	96.13
91.44	94.49	3.05	302	99.08
94.49	97.54	3.05	315	103.35
97.54	100.58	3.05	301	98.75
100.58	103.63	3.05	303	99.41
103.63	106.68	3.05	315	103.35
106.68	109.73	3.05	270	88.58
109.73	112.78	3.05	307	100.72
112.78	115.82	3.05	303	99.41
115.82	118.87	3.05	308	101.05
118.87	121.92	3.05	270	88.58
121.92	124.97	3.05	305	100.07
124.97	128.02	3.05	304	99.74
128.02	131.06	3.05	300	98.43
131.06	134.11	3.05	305	100.07
134.11	137.16	3.05	298	97.77
137.16	140.21	3.05	298	97.77
140.21	143.26	3.05	305	100.07
143.26	146.30	3.05	285	93.50
146.30	149.35	3.05	307	100.72
149.35	152.40	3.05	298	97.77

Appendix VII. Statement of Qualifications

I, Charles James Greig, of 250 Farrell St., Penticton, British Columbia, Canada, hereby certify that:

1. I am a graduate of the University of British Columbia with a B.Comm. (1981), a B.Sc. (Geological Sciences, 1985), and an M.Sc. (Geological Sciences, 1989), and have practiced my profession continuously since graduation.

2. I have been employed in the geoscience industry for 30 years, and have explored for gold and base metals in North, Central, and South America, and Africa for both senior and junior mining companies, and have a number of years of experience in regional-scale government geological mapping.

3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (license #27529).

4. I am a "Qualified Person" as defined by National Instrument 43-101.

5. I own shares of Metalcorp Ltd., who is the owner of the Hemlo East Property.

6. I am the Vice President of Exploration for Metalcorp Ltd.

7. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.

8. I am the author of the report entitled: "2010 Diamond Drilling Program on the Gouda Lake Grid, Python Claim Group, Hemlo East Property" dated April, 2011. I worked on and supervised the work program reported on herein. I have been involved with exploration on behalf of Metalcorp Ltd. since 2009.

Dated at Penticton, British Columbia, this 29th day of April, 2011.

Respectfully submitted,
"Charles James Greig"

Charles James Greig, M.Sc. P.Geo

I, Susan Teresa Flasha, of 764 Government St., Penticton, British Columbia, Canada, hereby certify that:

1. I am a graduate of Okanagan University with a B.Sc. (Earth & Environmental Sciences, 2003), and Queen's University with a M.Sc. (Geological Sciences, 2010), and have practiced my profession continuously since 2004.

2. I have been employed in the geoscience industry for 7 years, and have explored for gold and base metals in Canada and Mexico for senior and junior mining companies.

3. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.

4. I am the author of the report entitled: "2010 Diamond Drilling Program on the Gouda Lake Grid, Python Claim Group, Hemlo East Property" dated April, 2011. I worked on and supervised the work program reported on herein. I have been involved with exploration on behalf of Metalcorp Ltd. since 2009.

Dated at Penticton, British Columbia, this 29th day of April, 2011.

Respectfully submitted,
"Susan Teresa Flasha"

Susan Teresa Flasha, M.Sc.