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Technical Report On the MENARY TWP. GOLD PROJECT Kenora Mining Division, Northwestern Ontario

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Prepared by

Russell M. Crosby, M.Sc., P.Geo

For

King's Bay Gold Corporation



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1.0 SUMMARY

Kings Bay Gold Corp. optioned the Menary group of claims from William McNerney and Western Troy Capital Corp. on Jan. 12, 2010 (see Press Release, Jan. 2010) covering four claims in Menary Twp.. These claims, numbered K1079876, 425640, 3014054 and 4247110, were subject to a number of field exploration programs over the past twenty years. However, only after the discovery of the Richardson Twp Gold Zone by Rainy River Resources did the area become highly prospective. In a previous report prepared by Mr. John Archibald, B.Sc., P.Geo., he concurs with the previous property owners, Western Troy, Clarke and Associates and William McNerney that more work is required to develop a mineralizing model for the gold emplacement in the region of the Wagg/Galbraithe Gold Occurrences. After a preliminary reassessment, where some twenty grab samples were collected from at least eight prospecting pits and trenches, it was decided surface geological mapping and diamond drilling was necessary to further evaluate the area. Accordingly, this document, reports the results of 36.5 kms of line cutting and 3,290 feet of core from 6 drill holes, with accompanying maps, drill logs, assay results and expense receipts. 21 % of total expenses is to be applied for the renewal of claim 3014054 and the remainder banked as work credits to be applied to the other claims of this group as needed. All claims are currently in good standing and the Provincial Mining Recorder granted an extension of time to December 13, 2010 for the submission of assessment work to renew claim K3014054.

2.0 INTRODUCTION AND TERMS OF REFERENCE

The Menary Project is located near the Ontario international boundary with Minnesota. The nearest population centre is Fort Frances, 50 kms to the southeast. The villages of Emo and Nestor Falls are located about 25 kms to the south and north respectively (Figure 1). The Menary project lies mainly within the Rainy River Greenstone Belt. This belt is one component of the western part of the Archaen Wabigoon Subprovince of the Canadian Shield, a 900 km long, east-west trending metavolcanic-sedimentary domain bordered and intruded by granitoid intrusions of up to batholithic dimensions. The Wabigoon Subprovince is composed of several tectonically bounded assemblages consisting of komatilite to calc-alkaline metavolcanics overlain by clastic and minor amounts of chemical sediments. Intrusion of the granitoid domes has imparted a synformal structural character to the supracrustal rocks, and the central axial zones of many of these synformal belts may be characterized by long sinuous shear/fault systems. A renewal for claim 3014054 was due October 14, 2010, and for which an extension to Dec 13, 2010 has been requested from and granted by the Provincial Mining Recorder. (See Appendix F)

3.0 PROPERTY DESCRIPTION AND LOCATION

The nine mining claims and one mining lease are centered in the northern half of Menary Township and part of southern Claxton Township approximately 15 kilometres south-southwest of Nestor Falls, Ontario. The mining lands fall within the Ministry of Natural Resources Administrative District of Rainy River and the Ministry of Northern Development and Mines, Kenora Mining Division. Claims K3014054, K4247110, K4205640 and K1079876 were optioned by King's Bat Gold Corp from Mr. Bill McNerney and Western Troy Capital Corp on January 12, 2010 and the claims K425692, K425694-K425698, inclusive, are 100 % owned, via staking on July 7, 2010, by King's Bay Gold Corp.

4.0 ACCESS, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

4.1 Access:

Access to all of the claims and mining lease is attained via 404 Road, which leads off of paved provincial highway 71, approximately 16 kilometres south of Nestor Falls. Road 404 traverses the property in an east-west direction and all portions of the property are readily accessible from it or from numerous spur roads that are in varying stages of overgrowth and disrepair. The Nestor Falls area is sparsely populated. The vegetation in the area falls within the Canadian northeastern hardwood region on the southern margin of the boreal forest region.

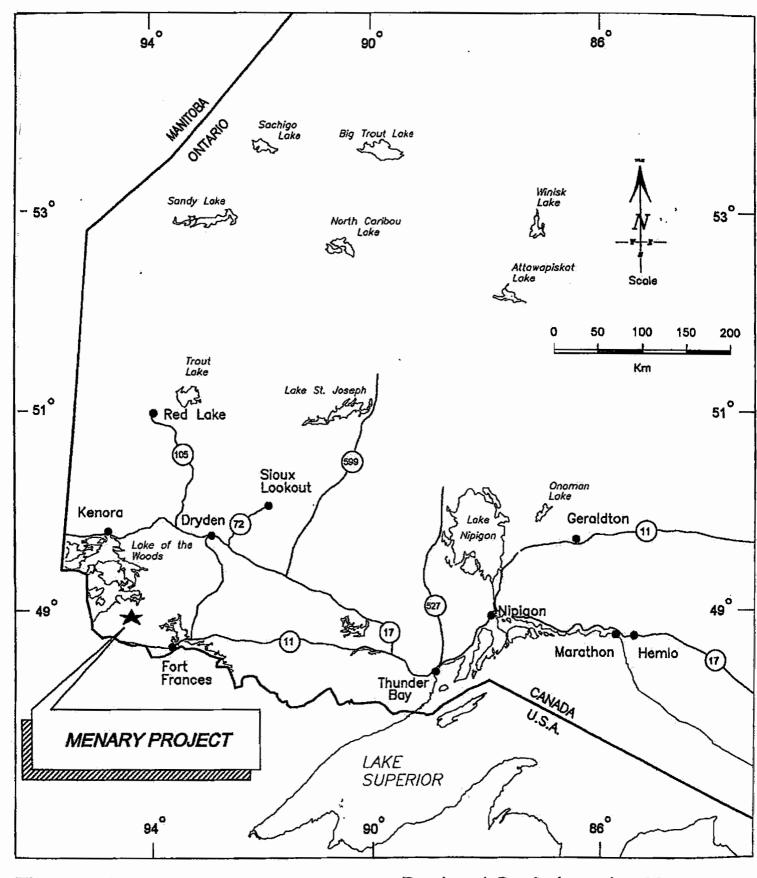
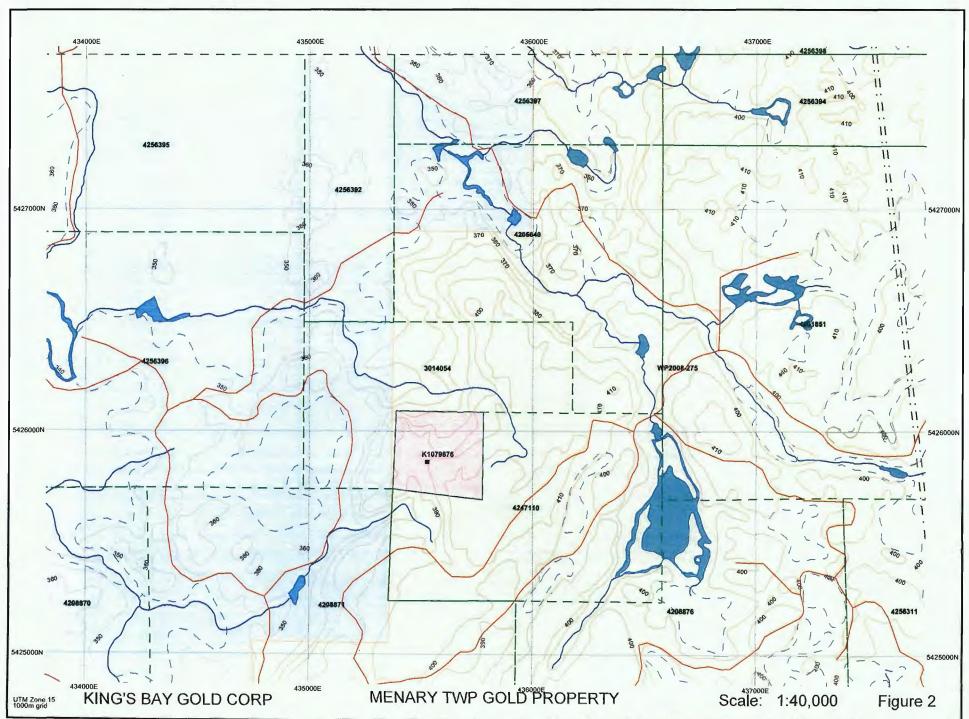


FIGURE 1

F

Regional-Scale Location Map



4.2 Climate

The climate is typically continental, with extremes in temperatures ranging from thirty-five degrees Celsius to minus forty degrees Celsius from summer to winter. Annual rainfall in the region averages about sixty centimetres, with heaviest rains expected from June to August when an average of about thirty centimetres of rain is recorded. An average of 350 centimetres snowfall is recorded annually in the region.

4.3 Local Resources

The towns within immediate driving distance of the Menary Township Gold Project are:

- Emo with a population of 1,305 fifty-four kilometres (Forty five minutes' drive);
- Rainy River, population 909 one hundred kilometres (one hour twenty minutes' drive); and
- Fort Frances with a population of 8,103 ninety kilometres (one hour ten minutes' drive).

4.4 Infrastructure

Hydroelectricity is produced north of Kenora at various locations and west and east of Thunder Bay. A medium-sized coal-powered thermal power station is located east of Fort Frances and another is located near Thunder Bay. There is a ready supply of water in the area from lakes and rivers. Ground water is also likely to be in plenteous supply given the abundance of standing water and rivers within the region. Major drainage in the area comprises of Rainy Lake which lies to the southeast and is drained by Rainy River which flows west along the Minnesota border to Lake of the Woods, which in turn feeds into the Lake Winnipeg watershed.

4.5 Physiography

There is a substantial amount of bedrock exposure and topographic relief can be up to ninety metres. This relief contrast is controlled by the geology of the batholiths which erode faster than the supracrustal lithologies of the Canadian Shield. The area was subjected to the Whiteshell glacial event from the Labradorean ice centre to the northeast.

5.0 REGIONAL GEOLOGY

The Menary Project property lies along the western margin of a greenstone belt in the Off-Burditt Lake area that forms one component of the western part of the Archaen Wabigoon Subprovince of the Canadian Shield, a 900 km long, east-west trending metavolcanic-metasedimentary domain bordered and intruded by granitoid intrusions of up to batholitic dimensions. The Wabigoon Subprovince is composed of several tectonically bounded assemblages consisting of komatiitic to calc-alkaline metavolcanics overlain by clastic and minor chemical sediments. Intrusion of the granitoid domes has imparted a synformal structural character to the supracrustal rocks, and the central axial zones of many of these synformal belts may be characterized by long sinuous shear/fault zones. The larger, crustal-scale Quetico Fault (in part) forms the southern boundary of the Wabigoon Subprovince and crosscuts both supracrustal and plutonic assemblages of the western Wabigoon region.

The Sebaskong Batholith, in the northwest, is broadly tronghjemitic in composition, while the Jackfish Lake Complex, in the southeast, is predominantly syenodioritic. The metavolcanics maintain their trend northeast of Burditt Lake, eventually merging with the Pipestone Lake and Kakagi Lake greenstone belts in a "Y"-shaped junction approximately 10 kilometres north of the property.

The regional geology is best described by Blackburn (1979), as follows:

"The thick Early Precambrian metavolcanic assemblage underlies more than one-third of the map area and occupies a northeast-southwest belt which is 5 miles (8kms) in width. On the northwestern flank of the belt, a mixed mafic sequence of massive lava, porphyritic basalt, and pillow lava is overlain by a mixed sequence of massive lava, pillow lava, porphyritic lava and pyroclastic rocks. This sequence may be as much as 15,000 feet (4,600 metres) thick. This lower mafic sequence is intruded by numerous quartz-feldspar dikes. An upper sequence of mixed mafic to felsic metavolcanics outcrops on the shores of Burditt and Off Lakes in the centre of the belt: felsic to coarse-grained pyroclastic rocks, quartzfeldspar porphyry, and minor dacite and rhyolite; mafic metavolcanics consist of thin, massive and pillowed lavas. A narrow mafic unit lies on the eastern flank of the belt.

Regional metamorphism increases from lower greenschist grade in the centre of the volcanic belt to lower amphibolite grade towards the belt margins. A broad migmatite zone is developed on the eastern flank of the belt.

Felsic to intermediate plutonic rocks of Early Precambrian age and attributable to several episodes, all later than the volcanic activity, underlie less than two-thirds of the map area. The volcanic belt lies between the trondhjemitic Sebaskong Batholith on the northwest, the heterogenous, hybrid, granodioritic to dioritic Jackfish Lake Complex to the east, and the Fleming Township trondhjemites to the southeast. The Jackfish Lake Complex is bordered on its eastern side by granitic gneisses and migmatites. Three stocks intrude and lie completely within the volcanic belt: the Black Hawk Stock, a porphyritic granodiorite body with a monzonite marginal zone; the Finland Stock, a heterogeneous quartz monzonitic to dioritic body; and the granodioritic Burditt Lake Stock.

A northwest-trending swarm of Middle to Late Precambrian diabase dykes crosscuts all other bedrock and postdates the major deformation.

During Pleistocene times, Wisconsin glacial activity was associated with ice originating in the Patrician and Keewatin centres, while glacial Lake Agassiz extended into the southwestern part of the map area.

Major deformation of the metavolcanics was synchronous with plutonic activity. The main structural trend of the greenstone belt is northeast-southwest. No evidence of a major fold structure aligned parallel to this trend was found; on the contrary, all facing criteria indicate a southeast-facing homoclinal sequence. Tensional tectonics, with associated intrusion of diabase dikes, post-dated the major episode of compressional tectonics.

Mineralization consists chiefly of pyrite, chalcopyrite and minor magnetite within the mixed felsic to mafic metavolcanics, in the vicinity of Off Lake, and exploration in recent years has mostly been centred on this type of mineralization. Bismuthinite, in association with chalcopyrite-pyrite-magnetite, occurs within a mafic xenolith in the Jackfish Lake Complex. Substantial amounts of Pleistocene sand and gravel have been partially exploited."

The property lies within the contact zone of the thick mafic volcanic sequence and the Sebaskong Batholith in the northwest of Blackburn's map area.

Unconsolidated Pleistocene deposits, consisting of boulder and cobble-dominated sandy tills, occur as a thin discontinuous layer of bedrock cover in the area northwest of Burditt Lake. Sands and clays are present in minor amounts in low-lying, well-drained areas. Recent sediments consist of organic debris, which has been accumulating in swamps and bogs.

6.0 PROPERTY GEOLOGY

The claim group lies along the western margin of a greenstone belt at the contact with the Sebaskong Batholith in the Off-Burditt Lake area.

The contact between the relatively massive rocks of the Sebaskong Batholith and the well-foliated metavolcanics strikes 40 to 50 degrees and dips sub-vertically to 70 degrees to the east. Adjacent to the batholith, there is a

package of massive to pillowed metabasalts up to 1,000 metres thick. The pillowed flows occasionally exhibit a poorly developed variolitic texture.

Granitic dykes and numerous small bodies of feldspar and quartz-feldspar porphyry have been emplaced subparallel to the northeasterly trend of individual flows and foliation. Shear zones up to two and a half metres wide, displaying varying degrees of chloritization, calcite alteration, pyrite mineralization, and quartz veining or silicification, are not uncommon. The shears are most common and best developed immediately adjacent to the porphyries.

Overlying this package of metabasalts is a series of flows containing a number of tuffaceous to chemical metasedimentary horizons. The flows range from gabbroic-textured to pillowed, with porphyritic varieties occurring to the east. Altered shear zones are present in the lower section of this package of metabasalts.

Foliation and shearing varies from parallel to strike and dip to a more north-south fabric. The metamorphic grade is lower to middle greenschist with local upper greenschist facies noted at the granitic contact.

Northwest trending diabase dykes postdate regional metamorphism.

The facing direction of the units, determined from pillowed flows, is southeast. Sulphide mineralization is sporadic and consists of pyrite and minor galena. Pyrite mineralization is predominantly concentrated within the felsic intrusives, sheared volcanic flows and tuffs and quartz veins.

Two large-scale structures, possible faults, are oriented sub-parallel to regional structures at 030 to 050 degrees and dip sub-vertically. Rocks adjacent to these structures exhibit a foliation fabric parallel to the structure or a blocky fault-brecciated texture.

7.0 GOLD MINERALIZATION

This is best described by Archibald (2010) as follows:

"Significant gold mineralization on the property is concentrated around the Wagg occurrence located in the southwest portion (within claim K1079876) of the Menary property claims. Numerous exploration programs have focused on this area and more than half of the discovered showings have been stripped, mapped and sampled.

In the area underlying and surrounding the Menary claims, seven of the ten known showings contain visible gold and nine have returned assay values in excess of one ounce gold per ton. Mechanical stripping has not tested four of the showings and six occur in areas not covered by earlier ground geophysical surveys.

Quartz veins, hosting high grade gold mineralization, have been the main targets of previous exploration in the area. A total of six gold-bearing quartz veins named the A, B, C, D, E & F veins comprise the Wagg showing and range in width from 0.5 to 2.0 metres and mostly dip steeply to the west. Exposed stripped quartz veining suggests they are folded boudins resulting from several periods of deformation concentrated on a formerly single continuous quartz vein. The quartz lenses commonly display bifurcations and irregular offshoots. Evidence of both brittle and ductile deformation can be recognized in the veins and surrounding country rock. The lenses pinch and swell, and frequently exhibit tight minor folds that plunge primarily moderately to steeply to the south. Walls of the major quartz lenses vary from curvilinear to joint-controlled, and smaller more planar veins frequently jump irregularly along joints while maintaining a relatively constant north to northeasterly strike.

The veins are composed of fine to medium-grained, sugary-looking quartz, and vary in colour from white to light brown to dark red. They tend to be porous and vuggy intervals are common.

Mineralization consists of fine to occasionally coarse native gold, one to two percent fine pyrite, lesser chalcopyrite often coated by covellite and minute quantities of bornite, molybdenite and native copper. Hematite and limonite amount to one to two percent of the veins as stain and vug coatings. Black hematite crystals were observed at one location and traces of tourmaline have been observed in float vein material. A pinkish-white mineral that may be either a weathering product or a variety of potassium feldspar was encountered with some regularity along fractures and the walls of sealed fissures.. Gold is most abundant near and along vein walls, in and around vuggy portions of the veins, and in areas exhibiting some degree of structural complexity or strong iron staining. There seems to be little, if any, correlation between local sulphide abundance and gold content.

Country rock is essentially unaltered adjacent to most veins and contacts are generally sharp. This appears to indicate that the veins were emplaced along dilation zones controlled by fracturing and jointing. Immediately adjacent to some veins, the rock is more strongly foliated than inn the surrounding outcrops. In these areas, the rock commonly contains one to two percent pyrite, Pyrrhotite or chalcopyrite and exhibits subtle chloritization and possibly tourmalinization.

The zone of veining can best be described as an arcuate zone about 125 metres in length and up to 25 metres in width.

| Wagg | Vein Width | Vein Length | Sample Type – Composite or | Sample Size | Assay |
|-------|--------------|-------------|----------------------------------|-------------|-------|
| Veins | (metres) | (metres) | Arithmetic Average of grab, | (kilograms) | (opt |
| | | | channel & chip samples | | gold) |
| A | 0.5 to 1.75 | 13 | Composite | 10 | 0.939 |
| A | 0.5 to 1.75 | 13 | Arithmetic average of 7 samples | | 2.932 |
| В | 0.5 | 13 | Composite | 10 | 1.046 |
| B | 0.5 | 13 | Arithmetic average of 11 samples | | 1.251 |
| C | 0.45 to 0.75 | 12 | Arithmetic average of 6 samples | | 1.912 |
| D | 0.7 to 0.85 | 24 | Composite | 10 | 1.406 |
| D | 0.7 to 0.85 | 24 | Arithmetic average of 16 samples | | 0.786 |
| E | 0.8 to 0.9 | 11 | Composite | 10 | 2.045 |
| Е | 0.8 to 0.9 | 11 | Arithmetic average of 10 samples | | 1.274 |
| F | 0.3 to 2.0 | 46 | Composite | 10 | 0.850 |
| F | 0.3 to 2.0 | 46 | Arithmetic average of 23 samples | | 1.137 |

Table 1: Wagg Showing 1993 Sampling *

* Not NI-43-101 compliant

8.0 PROPERTY HISTORY

The exploration history compiled below has been sourced from the report by Wagg and Holmstead (1993) and assessment files from the Kenora Resident Geologist's Office.

Exploration activity in the area by individual prospectors dates back to the 1930's, when a coppergold showing was discovered in a metavolcanic xenolith within the Jackfish Lake complex. Sporadic diamond drilling, primarily in the search for copper mineralization hosted in metavolcanic rocks, was carried out since the mid 1950's. No mineral production has been reported from the Off-Burditt Lake area prior to 1992.

In 1974, Hudson Bay Exploration and Development drill 509 feet in two diamond drill holes that intersected pyrite, pyrrhotite, minor sphalerite, and trace chalcopyrite across 10 (Sullivan, 1974).

Geological mapping by the provincial government covered the area in 1971. C.E. Blackburn's 1976 report defines the geological stratigraphy and documents the known showings at that time. Blackburn's report contains the most recent government geology map to include the Menary Township at a scale appropriate for exploration purposes.

Between 1983 and 1985, Agassiz Resources explored claims in the area in search of base metals. Magnetometer, VLF-EM, geological and bedrock geochemical surveys were completed, and follow-up horizontal loop (EM) work and overburden stripping examined disseminated sulphide mineralization associated with tuffaceous horizons (Studemeister, 1985). The Agassiz gold showing was discovered during this program.

A reconnaissance overburden geochemistry program was completed in the Off-Burditt Lake area and surrounding region by A.F. Bajc, and the results published in 1988 by the Ontario Geological Survey. Till samples returning anomalous gold grain counts were located on and adjacent to the property.

In 1989, Western Troy Capital Resources contracted Ovalbay Geological Services Inc to complete magnetometer and VLF-EM geophysical surveys and geological mapping on a 52.3 km cut grid. A stripping and sampling program, following the mapping program, was carried out to further define and extend the main showing. A 7.3 km induced polarization survey tested the main showing and tuffaceous horizons. The IP survey results were disappointing as the amount and distribution of sulphides did not create any anomalies.

In 1991, a follow-up program of prospecting and geophysical anomaly investigation by Western Troy Capital Resources resulted in the discovery of three zones of native gold-bearing quartz veins. Additional claims were staked to expand the company's land position. Two additional zones of gold-bearing quartz veins were discovered within the new claims. A stripping and sampling program at the Wagg showing revealed the presence of high-grade gold mineralization. The stripping uncovered six somewhat interconnected bodies of quartz which appear to be the result of folding and faulting of a single larger quartz vein structure (Wagg and Holmstead, 1991). Additional claims were staked in both directions along the strike of the batholith contact, for a total of 18 kms around the discoveries.

An airborne magnetometer and VLF-EM survey that includes the Off-Burditt Lake area as flown for the Ontario Geological Survey, and the maps published in 1990, Previous operators investigated the conductors and the work revealed numerous zones of stratabound pyrite-pyrrhotite mineralization locally containing several percent sphalerite and chalcopyrite (Wagg and Holmstead, 1991).

In 1992, Western Troy Capital Resources completed and reconnaissance mapping and prospecting program followed by mechanical stripping. Five separate showings were stripped, mapped and sampled. Three short drill holes totaling 120 feet were drilled at the Wagg gold showing to test the width of the "F" vein, in an area where it was proposed to remove a bulk sample. A 250-ton composite bulk sample was collected from veins A, D, DE, and F at the Wagg showing within claim K1079876.

In 1993, the balance of the bulk sample was extracted from the trench on the "A" vein at the Wagg gold showing for a total tonnage of 500 tons.

In 1994, an additional 500 tons was excavated as part of the bulk sample. Most of the vein material came from zones A, D, and E of the Wagg gold showing.

In 1996, conductive zones were traced from the original claim group onto newly acquired claims.

From 1996 to 1999, G. Pogson, L. Fraser and M. Galbraith prospected and completed some bedrock trenching. The work was completed on their claims in Menary Township just north of Cyrari Capital Corporation's 2005 claim block.

In 2005, Clark Exploration Consulting Inc of Thunder Bay, Ontario, from June 20-24, completed a stripping and sampling program over Trench 10, an area approximately 70 x 30 metres, A ¹/₂ yard bucket backhoe removed up to 2.5 m of overburden, exposing mafic volcanics with a weak northeast foliation and a NE-trending boudinaged quartz vein. Five channel samples (32980-1, 32983-5), all 45-60 cms in length, were taken from the quartz vein. Iron staining and minor pyrite

was evident. Grab sample 32982 was also taken from a quartz vein, which assayed 232 ppb. No gold was detected I the channel samples.

In 2007, Colin Bowdidge was asked to make an assessment of the economic potential of the Wagg cluster of gold-bearing quartz veins. He concluded that the showing area has the potential to host a bulk mineable gold deposit of moderate or low grade and recommended a diamond drill program of closely spaced 90-metre long holes at -45 degrees in 5 fences.

In 2010, King's Bay Gold Corporation optioned claims K1079276, 3014054, 4247110, 4205240 and staked claims 4256392, 4256394-8 inclusive. Linecutting and geological mapping occurred on the optioned claims, and Phase One (6 holes for 3,290 feet) diamond drilling occurred on mining lease K1079876. See below for more detail

9.0 1992 BULK SAMPLE

From 1992 to 1994, a bulk sample was extracted and milled to recover the gold and silver. In 1994 the ball mill set-up was capable of processing one to two tons per hour.

Wagg and Holmstead (1993) state: "To date all the gold has not been removed from the concentrate, therefore exact figures of gold recovery from the bulk sample are not available at the time of this report. To date, about 75 troy ounces have been recovered. A total of 247 tons of material were processed by the mill; 42% from vein "A", 32% from vein "F", 14% from vein "D", 5% from Vein "DE" and 7% from composite material from all veins.

In total, a 1,000 ton bulk sample was collected from Veins A, D, DE, and F at the Wagg showing on mining lease K1079876 (Table 2).

| Year | Tons | Gold (Ounces) | Silver (Ounces) |
|-------|------|---------------|-----------------|
| 1992 | 250 | Combined with | 1993 Totals |
| 1993 | 250 | 227 | 9.7 |
| 1994 | 500 | 129.1 | 4.9 |
| TOTAL | 1000 | 346.1 | 14.6 |

Table 2: Bulk Sampling Data (Adapted from Holmstead, 1993)

Preliminary metallurgical work completed by Edward Ludwig of Nighthawk Diamond Drilling demonstrated that the gold-bearing quartz at the Wagg showing was "a very free milling ore which will require grinding to approximately 100% minus 100 mesh". Therefore a gravity separation circuit could be set up to remove the gold with little or no significant impact on the surrounding environment.

10.0 PREVIOUS DRILLING

In May of 1992, three short holes totaling 120 feet were drilled under the Wagg gold showing located on mining lease K1079876. The holes were drilled to test the width of the "F" vein in this area where it was proposed to remove a portion of a bulk sample. Drilling was abandoned due to inconclusive results.

The holes intersected metamorphosed pillow basalts, which display a weakly variolitic texture around pillow margins and exhibit a weak to moderate foliation. A narrow, weakly foliated, feldspar porphyry dyke was intersected in hole WT-92-01. Several narrow, mainly barren of mineralization, quartz veins were intersected in holes WT-92-01 and WT-92-03.

In 1994, during Phase One of the drilling program, a total of six short diamond drill holes were completed in the vicinity of the "A" and "B" zones at the Wagg gold prospect. Drill intercepts on the "A" zone include: 1.716 ounces gold per ton over 0.1 metres, 0.074 ounces gold per ton over

1.0 metres, 0.036 ounces gold per ton over 0.4 metres and 0.509 ounces gold per ton over 0.7 metres. One drill hole intersected the "B" zone giving 0.007 ounces gold per ton over 1.1 metres.

A 3,000 foot, Phase Two, drill program was completed in the fall of 1994. The "A" zone was intersected at a vertical depth of about 100 feet and the "B" zone was intersected at a vertical depth of about 30 feet. The drilling suggests that the veins "A" through "F" at the Wagg gold prospect was actually one vein prior to being tectonically broken and displaced (Holmstead, 1995). No gold assay results are available from this drill program.

11.0 2010 PHASE 1 DIAMOND DRILLING.

In 2010, from June 18 to Aug 6, King's Bay Gold Corp drilled the 6 holes for Phase One within mining lease K1079876. These are summarized in Table 3.

| Table 3: DD | I Parameters f | or Diamon | d Drill Holes | MIN-10-01 | to Min-10-06 |
|-------------|----------------|-----------|---------------|------------------|--------------|
|-------------|----------------|-----------|---------------|------------------|--------------|

| DDH # | Start | Finish | Azimuth | Dip | Length | UTM Zone | Easting | Northing |
|-----------|---------|---------|---------|------|--------|----------|---------|----------|
| MIN-10-01 | June 18 | July 19 | 155 | -45S | 660' | 15 U | 0435645 | 5425855 |
| MIN-10-02 | June 24 | July 3 | 155 | -60S | 660' | 15 U | 0435645 | 5425855 |
| MIN-10-03 | July 6 | July 9 | 155 | -70S | 320' | 15 U | 0435670 | 5425817 |
| MIN-10-04 | July 20 | July 22 | 335 | -80N | 330' | 15 U | 0435660 | 5425819 |
| MIN-10-05 | July 25 | July 31 | 335 | -45N | 660' | 15 U | 0435645 | 5425855 |
| MIN-10-06 | Aug 1 | Aug 6 | 335 | -62N | 660' | 15 U | 0435645 | 5425855 |

Assay results are summarized in the following table.

Table 4: Assay Results for MIN-10-01 to MIN-10-06

| DDH # | From | То | Length | Gold (g/t) | Zone |
|-----------|-------|-------|--------|------------|------|
| | (ft) | (ft) | (ft) | | |
| MIN-10-01 | 40.0 | 41.5 | 1.5 | 1.533 | |
| | 41.5 | 42.5 | 1.0 | 0.050 | "E" |
| | 42.5 | 43.6 | 1.1 | 0.116 | "E" |
| | 43.6 | 44.3 | 0.7 | 0.159 | "E" |
| | 44.3 | 46.4 | 2.1 | 0.562 | "E" |
| | 46.4 | 47.8 | 1.4 | 80.961 | "E" |
| | 520.0 | 520.8 | 0.8 | 0.143 | "A"? |
| | 520.8 | 521.5 | 0.7 | 1.307 | "A"? |
| | 521.5 | 523.4 | 1.8 | 0.138 | "A"? |
| | 547.0 | 549.0 | 2.0 | 1.698 | "A"? |
| | | | | | |
| MIN-10-02 | 46.3 | 47.5 | 1.2 | 0.162 | "E" |
| | 54.1 | 55.4 | 1.3 | 4.716 | "E" |
| | 58.0 | 59.0 | 1.0 | 0.512 | "E" |
| | 71.2 | 72.8 | 1.6 | 0.173 | "E" |
| | | | | | |
| MIN-10-03 | 185.2 | 186.2 | 1.0 | 0.207 | "C" |
| | 186.2 | 187.5 | 1.3 | 0.153 | "C" |
| | 192.0 | 193.0 | 1.0 | 0.214 | "C" |
| | 195.0 | 196.0 | 1.0 | 0.138 | "С" |
| | | | | | |
| MIN-10-04 | 78.3 | 79.3 | 1.0 | 0.325 | "C" |
| | | | | | |

| MIN-10-05 | 99.8 | 101.0 | 1.2 | 0.171 | "F" |
|-----------|-------|-------|-----|-------|-----|
| | 101.0 | 102.5 | 1.5 | 0.336 | "F" |
| | 201.2 | 202.2 | 1.0 | 0.119 | "F" |
| | | | | | |
| MIN-10-06 | 58.9 | 60.0 | 1.1 | 0.614 | "F" |
| | 60.0 | 60.9 | 0.9 | 0.199 | "F" |
| | 60.9 | 61.8 | 0.9 | 0.291 | |
| | 61.8 | 62.6 | 0.8 | 0.067 | "F" |
| | 62.6 | 63.6 | 1.1 | 0.874 | "F" |
| | 63.6 | 64.7 | 1.1 | 0.233 | "F" |
| | 64.7 | 65.7 | 1.0 | 0.138 | "F" |
| | 65.7 | 66.9 | 1.2 | 0.294 | "F" |
| | 481.0 | 481.8 | 0.8 | 0.180 | ? |

11.1 Lithologies Observed in the Drill Core

11.11 Mafic Metavolcanics (Basalt)

More than 97% of the rock in the drill core for holes MIN-10-01 to Min-10-06 is comprised of chloritized, massive mafic metavolcanics (pillow / fragmental / amygdaloidal / variolitic basalt). Effects of both brittle and ductile deformation are evident. When ductile, a few dm to m-scale carbonate-chlorite schists with foliation at low angles to the core axis, occur where the mafic metavolcanics are sheared, often, but not always, adjacent to feldspar porphyry dikes. These schistose intervals are usually not auriferous. The metavolcanic unit, however, hosts the gold-bearing quartz veins.

11.12 Feldspar Porphyry Dykes

Feldspar porphyry dikes, dm to m-scale, are relatively fresh with, occasionally, a faint cleavage. Almost always, the contacts with the metavolcanics are sheared on a cm to dm scale in the metavolcanics. These feldspar porphyry dikes are much less deformed (if at all in places) than the quartz veins, and can be locally silicified, carrying up to 5% very, very fine-grained pyrite (generally not auriferous). However, occasionally the feldspar porphyry dykes are slightly auriferous – possibly due to encountering and assimilating gold upon injection.

11.13 Quartz veins

In two dimensions at the surface, the exposed stripped quartz veining occurs as folded boudins resulting from several periods of deformation concentrated on a formerly single continuous quartz vein. The quartz lenses commonly display bifurcations and irregular offshoots. Evidence of both brittle and ductile deformation can be recognized in the veins and surrounding country rock. The lenses pinch and swell, and frequently exhibit tight minor folds that plunge primarily moderately to steeply to the south. Walls of the major quartz lenses vary from curvilinear to joint-controlled, and smaller more planar veins frequently jump irregularly along joints while maintaining a relatively constant north to northeasterly strike. So also, in the third dimension, it is to be expected there is the same degree of disruption. Hence, closely spaced drilling is essential to correlate the gold intercepts on a gross scale.

11.2 Gold Content Observed in the Drill Core

The gold mineralization in the core confirms the observations as recorded above in Section 8.0 by J. Archibald (2010).

11.3 Sampling Method & Approach

Boxes of core were delivered to the writer by the driller when the holes were completed. Samples were selected according to whether the core contained quartz veins and/or zones of alteration and/or

sulphidation and/or shearing. Sample intervals ranged from about 0.7 feet to more than 2 feet, depending on the lithology and/or sulphide content, etc. All quartz veins and zones of silicification were sampled.

Selected samples were split using a hydraulic core splitter. A core saw was not used because the saw blade cuttings tend to be lost, whereas when hydraulically split, all of the split core is available. This is particularly important when the gold is coarse, unevenly distributed in the core and a nugget effect is present, as is the case with the gold at the Wagg gold prospect in Menary Township.

Samples were then bagged and numbered according to the sample number tag inserted when the core was first selected to be sampled. These bags were closed with a zip-tie.

Batches of 32 samples were assembled, together with three control samples: a standard comprising approximately 40 grams of standard SE29, a blank fragment of trondhjemite, and a sample number assigned to a duplicate split of the last sample of the batch. Thus each sample batch comprised 35 samples. (Accurassay Laboratories included their own standards, duplicates, replicates and blanks in addition to the above). Each batch of 35 samples were double bagged in rice bags and each rice bag was sealed with a numbered security seal to be opened on by Accurassay Laboratories Ltd.

Data for all samples was assembled in an Excel Master Sample Database.

11.4 SAMPLE PREPARATION, ANALYSES AND SECURITY

Samples were shipped, with a Chain of Custody Record, via Gardewine North from Fort Frances, Ontario to Accurassay Laboratories Ltd in Thunder Bay, Ontario. Here the samples were received/recorded and prepared according to preparation code ALP2, assayed for gold according to assay code ALFA1, and pulps stored according to storage code ALT1.

12.0 CLAIM STATUS AND WORK REQUIREMENTS

All claims are currently in good standing. Table 5 below outlines required work for future renewals. The Provincial Mining Recorder granted an extension of time to December 13, 2010 for the submission of assessment work to renew claim K3014054. See letter in Appendix F. The following table lists the various claims in the group and their status.

| Township | Claim No | Area | Recording | Due Date | Units | Work | Ownership |
|----------|-----------|------|---------------|---------------|-------|------------|-----------|
| | | (ha) | Date | | | Req'd | |
| Menary | K 3014054 | 64 | Oct. 14, 2003 | Oct. 14, 2010 | 4 | \$1,200.00 | Optioned |
| Menary | K 4247110 | 128 | Nov. 5, 2009 | Nov. 5, 2011 | 8 | \$3,200.00 | Optioned |
| Menary | K 4205640 | 112 | Jun. 10, 2005 | Jun. 10, 2010 | 7 | \$2,782.00 | Optioned |
| Menary | K 1079876 | 16 | Mining Lease | Not Reg'd | 1 | Not Req'd | Optioned |
| Menary | K 4256592 | 48 | Jul. 7, 2010 | Jul. 7, 2012 | 3 | \$1,200.00 | Staked |
| Menary | K 4256594 | 64 | Jul. 7, 2010 | Jul. 7, 2012 | 4 | \$1,600.00 | Staked |
| Menary | K 4256595 | 160 | Jul. 7, 2010 | Jul. 7, 2012 | 10 | \$4,000.00 | Staked |
| Menary | K 4256596 | 192 | Jul. 7, 2010 | Jul. 7, 2012 | 12 | \$4,800.00 | Staked |
| Menary | K 4256597 | 48 | Jul. 7, 2010 | Jul. 7, 2012 | 3 | \$1,200.00 | Staked |
| Menary | K 4256598 | 192 | Jul. 7, 2010 | Jul. 7, 2012 | 12 | \$4,800.00 | Staked |

Table 5: Claims Status & Work Requirements

13.0 WORK COMPLETED

A 30km cut grid was installed over these claims by Mr. Luc Gagnon of Nestor Falls. Custom Drilling Ltd, of Thunder Bay, Ontario drilled 3,290 feet in 6 holes from June 18 to Aug 6, 2010. All holes were drilled in claim K1079876.

14.0 EXPENDITURE FOR WORK COMPLETED **

Table 6: Summary of Costs

| ITEM | UNITS | NO. OF UNITS | UNIT COST | TOTAL** |
|----------------|-------|--------------|-----------|--------------|
| Linecutting | Kms | 33.8 | \$600.00 | \$18,725.00 |
| Drilling | Feet | 3290 | \$22.65 | \$74,591.00 |
| Assaying | | | | \$5,904.00 |
| (Accurassay) | | | | |
| Geological | | | | \$55,247.00 |
| Services* | | | | |
| Lodging | | | | \$ 4,961.00 |
| Field Expenses | | | | \$2,699.00 |
| Truck Rental | | | | \$4,874.00 |
| Core Racks | | | | \$1,887.00 |
| | | | TOTAL: | \$168,888.00 |

* Includes core logging, sampling, grid mapping

** Receipts in Appendix D

15.0 APPLICATION OF AVAILABLE CREDITS

Work credits totaling \$168,888.00 are claimed in this report (Table 6), 21% or \$35,466.48 is be applied to claim # K3014054. The remainder or \$133,421.52 is to be banked for future renewals.

16.0 INTERPRETATION AND CONCLUSIONS

Work to date has confirmed the subsurface presence and extension of gold-bearing quartz veins at the Wagg Prospect in Menary Township, southeast of Nestor Falls Ontario. It has also confirmed that these quartz veins are equally as strongly disrupted in the 3rd dimension as they are in two dimensions at the surface.

It is therefore concluded that Fence "C", be drilled to enlarge the gold resource.

17.0 RECOMMENDATIONS

It is recommended that a Phase 2 drilling programme of 10 diamond drill holes (MIN-10-07 to 16) be undertaken along Fence "C" at an orientation of along 120 - 300 degrees to a length of 300 feet at a dip of 45 degrees, as outlined by Bowdidge, 2007.

18.0 REFERENCES

- Archibald, J. (2010): Technical Report on the Menary Project, Kenora Mining Division, Northwestern Ontario, for Bill McNerney. 20p. plus appendices.
- Bacj, A.F. (1988): Reconnaissance Till Sampling in the Fort Frances Rainy River District in Summary of Field Work & Other Activities, 1988, OGS Misc. Paper 141, p41-420.

(1991a): Till Sampling Survey, Fort Frances Area, Ontario Geological Survey, Study 56, 248 11" x 17" pages, Map P. 3134.

(1991b): Quarternary Geology, Fort Frances – Rainy River Area, Ontario Geological Survey, Open File Report 5794, 170 p., accompanied by Maps P.3065, P. 3137 and P. 3138

Christie, B.J. (1984): Summary of Geochemical Sampling on the Hodge Claim Group, Menary Township, Northwestern Ontario for Agassiz Resources Inc., 11p., plus 2 Appendices.

Blackburn, C.E. (1976): Geology of the Off Lake – Burditt Lake Area, Ontario Division of Mines, Report 140, 62p., accompanied by 1:63,360 scale Map 2325.

Blackburn, C.E., Johns, G.W., Ayer, J., Davis, D.W. (1991): Wabigoon Subprovince; in Geology of Ontario (P.C. Thurston, H.R. Williams, R.H. Sutcliffe, G.M. Stott, eds), Ontario Geological Survey, Special Volume 4, Part 1, p. 303 – 381.

Bowdidge, Colin, 2007: Assessment of Economic Potential and Recommendations for a Diamond Drilling Programme, Menary Gold Project, Menary Township, Northwest Ontario, for EMCO SA (Panama).

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Holmstead, W.E. (1991): Mechanical Stripping and Sampling of the Wagg Gold Showing, Menary Township, District of Kenora, for Western Troy Capital Resources Inc. 6p., 4 figures.

Holmstead, W.E. (1995): Summary of Exploration on the Menary Township Property for Western Troy Capital Resources Inc., 21p.

- Johns, G.W. (1988): Precambrian Geology of the Rainy River Area, District of Rainy River, Ontario Geological Survey, Map P. 3110, scale 1: 50,000 in OGS Misc. Paper 137, p.45-48.
- Ontario Geological Survey (1990): Airborne Electromagnetic Survey and Total Intensity Magnetic Survey: Rainy River Area, Map No. 81506 to 81537, Scale 1:20,000.
- Studemeister, S.A. (1985): Report on the Hodge Property, Menary Township, Ontario for Agassiz Resources Ltd., 10p. plus map.

Sullivan, J.R. (1974): Diamond Drill Logs of Perkins Option Drill Program, Assessment Files, Kenora Ministry of Northern Development and Mines, 8p.

Wagg, C.A., Holmstead, W.E (1991): Exploration Programme on the Menary Township Property, Menary Township, District of Kenora, Ontario for Western Troy Capital Resources Inc., 26p. plus appendix.

Wagg, C.A., Holmstead, W.E (1993): 1992 Exploration Programme on the Menary Township Property, Menary Township, District of Kenora, Ontario for Western Troy Capital Resources Inc., 37p. plus appendix.

Walker, J.A. (1984): Report on Magnetic, VLF and Horizontal Loop EM Surveys, Hodge and Box Lake Grids, Menary and Senn Townships, Ontario for Aggasiz Resources Ltd., 11p. plus 3 maps.

19.0 AUTHOR'S CERTIFICATE AND SIGNATURE PAGE

I, Russell Crosby, do hereby certify that:

1.1 am a consultant geologist, with an address of 150 Leeds Drive, Fredericton, NB E3B 4S8, Telephone: (506)-471-5950, Email: russcrosby@hotmail.com

2. I graduated with a B.Sc. degree in Geology and a M.Sc degree in Geochemistry from the University of New Brunswick in 1969 and in 1973, respectively.

3. I am a Licensed Professional Geologist (Province of New Brunswick, No 5540; Province of Ontario No 1784).

4. I have worked as a geologist for a total of 30 years since graduation from university.

5. I am responsible for the preparation of this technical report titled "Technical Report on the Menary Gold Project, Kenora Mining District, Northwestern Ontario" and dated November 30, 2010 (the "Technical Report") relating to the Menary Township gold property.

Respectfully submitted this 30th Day of November, 2010.

Signature of Qualified Person

Russell M. Crosby, M.Sc., P. Geo. (ON #1784; NB #5540)

APPENDIX A

I

List of Claims

| Township | Claim No | Area | Recording | Due Date | Units | Work | Ownership |
|----------|-----------|------|---------------|---------------|-------|------------|-----------|
| - | | (ha) | Date | | | Req'd | |
| Menary | K 3014054 | 64 | Oct. 14, 2003 | Oct. 14, 2010 | 4 | \$1,200.00 | Optioned |
| Menary | K 4247110 | 128 | Nov. 5, 2009 | Nov. 5, 2011 | 8 | \$3,200.00 | Optioned |
| Menary | K 4205640 | 112 | Jun. 10, 2005 | Jun. 10, 2010 | 7 | \$2,782.00 | Optioned |
| Menary | K 1079876 | 16 | Mining Lease | Not Req'd | 1 | Not Req'd | Optioned |
| Menary | K 4256592 | 48 | Jul. 7, 2010 | Jul. 7, 2012 | 3 | \$1,200.00 | Staked |
| Menary | K 4256594 | 64 | Jul. 7, 2010 | Jul. 7, 2012 | 4 | \$1,600.00 | Staked |
| Menary | K 4256595 | 160 | Jul. 7, 2010 | Jul. 7, 2012 | 10 | \$4,000.00 | Staked |
| Menary | K 4256596 | 192 | Jul. 7, 2010 | Jul. 7, 2012 | 12 | \$4,800.00 | Staked |
| Menary | K 4256597 | 48 | Jul. 7, 2010 | Jul. 7, 2012 | 3 | \$1,200.00 | Staked |
| Menary | K 4256598 | 192 | Jul. 7, 2010 | Jul. 7, 2012 | 12 | \$4,800.00 | Staked |

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APPENDIX B Diamond Drill Hole Logs

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| -350' -44 -350' -44 The entire core consists of massive mafic metavolcanics cut by a few feldspar por | | | | | | |
|---|--------------------------|--------------------------|-------|-------|---------|---|
| Project: Menary Gold DEPTH DIP ZIMUTH Hole Number: MIN-10-01 ColLaR 44 Units of Measurement: Imperial ColLaR 45 Location NTS Sheet: 52F04 Township: Claim No: K1079876 Claim No: K1079876 Grid: Easting: Claim No: K1079876 Basting: Claim No: K1079876 Grid: Easting: Claim No: Easting: Claim No: NTAS Sheet: Beasting: Also Sheet: Store: Northing: 5425855 mN Claim No: Collar Dip: -45° S Claim No: Collar Alimit: 155° TN Claim No: Hole Length: 680 Feet Claim No: Collar Alimit: 155° TN Claim No: Hole Length: 680 Feet Claim No: Core Size: BQ Water Source: | | | ACI | DIP 1 | ESTS | Comments |
| Units of Measurement: Imperial | Project: | Menary Gold | DEPTH | DIP | AZIMUTH | |
| Units of Measurement: Impetial -550° 45° The entire core consists of massive mafic metavolcanics cut by a few feldspar por dykes, the contacts to which are generally shared. Other shears are quatz-filled carry a light coloured pyrite. There also occur smaller shears in it that may have re from much greater displacements than is evident here. Location NTS Sheet: 52F04 | Hole Number: | MIN-10-01 | | | | DDH MIN-10-01 was drilled to undercut old gold-bearing quartz vein surface workings. |
| Location NTS Sheet: 52F04 | Units of Measurement: | Imperial | | | | The entire core consists of massive mafic metavolcanics cut by a few feldspar porphyry dykes, the contacts to which are generally sheared. Other shears are quartz-filled and |
| Claim No: K1079876 | Location | | | | | |
| Easting: | | Claim No: K1079876 | | | | 2) 46.40-47.83': 80.961 g/t Au over 1.43 feet |
| GPS Co-ordinates: Zone: 15 U All other samples are <0.2 g/t Au. | | Easting: | | | | |
| (if applicable) Datum: NAD83 | | • | | | | All other samples are <0.2 g/t Au. |
| Easting: 0435645 mE | GPS Co-ordinates: | Zone: 15 U | | | | |
| Northing: 5425855 mN Collar Dip: -45° S Collar Azimuth: 155° TN 155° TN - Hole Length: 660 Feet Core Size: BQ BQ - Casing(ft) Left In Hole: None. Labelled wood plug Water Source: Bulk sample trench, 100' to the south Drilled By: Wally Magnuson, Custom Drilling Start: 18-Jun-10 Finish: 23-Jun-10 Logged By: R. Crosby, M.Sc., P.Geo (APGO #1784) Date Start: | (if applicable) | | | | | - |
| Collar Azimuth: 155° TN Image: Collar Azimuth: 155° TN Hole Length: 660 Feet Image: Collar Azimuth: 660 Feet Core Size: BQ Image: Collar Azimuth: BQ Recovery: 98% Image: Collar Azimuth: Stat: Casing(ft) Left In Hole: None. Labelled wood plug Image: Collar Azimuth: Stat: Water Source: Bulk sample trench, 100' to the south Image: Collar Azimuth: Image: Collar Azimuth: Drilled By: Wally Magnuson, Custom Drilling Image: Collar Azimuth: Image: Collar Azimuth: Logged By: R. Crosby, M.Sc., P.Geo (APGO #1784) Image: Collar Azimuth: Image: Collar Azimuth: Date Start: 16-Jul-10 Image: Collar Azimuth: Image: Collar Azimuth: | | | | | | |
| Collar Azimuth: 155° TN Image: Collar Azimuth: 155° TN Hole Length: 660 Feet Image: Collar Azimuth: 660 Feet Core Size: BQ Image: Collar Azimuth: BQ Recovery: 98% Image: Collar Azimuth: Stat: Casing(ft) Left In Hole: None. Labelled wood plug Image: Collar Azimuth: Stat: Water Source: Bulk sample trench, 100' to the south Image: Collar Azimuth: Image: Collar Azimuth: Drilled By: Wally Magnuson, Custom Drilling Image: Collar Azimuth: Image: Collar Azimuth: Logged By: R. Crosby, M.Sc., P.Geo (APGO #1784) Image: Collar Azimuth: Image: Collar Azimuth: Date Start: 16-Jul-10 Image: Collar Azimuth: Image: Collar Azimuth: | Collar Din | -45° S | | | | |
| Core Size: BQ Recovery: 98% Casing(ft) Left In Hole: None. Labelled wood plug Water Source: Bulk sample trench, 100' to the south Drilled By: Wally Magnuson, Custom Drilling Start: 18-Jun-10 Finish: 23-Jun-10 Logged By: R. Crosby, M.Sc., P.Geo (APGO #1784) Date Start: | | | | | | |
| Recovery: 98% Casing(ft) Left In Hole: None. Labelled wood plug Water Source: Bulk sample trench, 100' to the south Drilled By: Wally Magnuson, Custom Drilling Start: 18-Jun-10 Finish: 23-Jun-10 Logged By: R. Crosby, M.Sc., P.Geo (APGO #1784) Date Start: | | | | | | |
| Casing(ft) Left In Hole: None. Labelled wood plug Water Source: Bulk sample trench, 100' to the south Drilled By: Waliy Magnuson, Custom Drilling Start: 18-Jun-10 Finish: 23-Jun-10 Logged By: R. Crosby, M.Sc., P.Geo (APGO #1784) Date Start: | Core Size: | BQ | | | | 1 |
| Water Source: Bulk sample trench, 100' to the south Image: Construction of the south Drilled By: Wally Magnuson, Custom Drilling Image: Construction of the south Start: 18-Jun-10 Image: Construction of the south Logged By: R. Crosby, M.Sc., P.Geo (APGO #1784) Image: Construction of the south Date Start: 16-Jul-10 Image: Construction of the south | Recovery: | 98% | | | | |
| Drilled By: Wally Magnuson, Custom Drilling Image: Custom Drilling Start: 18-Jun-10 Image: Custom Drilling Finish: 23-Jun-10 Image: Custom Drilling Logged By: R. Crosby, M.Sc., P.Geo (APGO #1784) Image: Custom Drilling Date Start: 16-Jul-10 Image: Custom Drilling | Casing(ft) Left In Hole: | None. Labelled wood plug | | | | |
| Start: 18-Jun-10 | | • | | | | |
| Finish: 23-Jun-10 | - | | | | | |
| Logged By: R. Crosby, M.Sc., P.Geo (APGO #1784) Date Start: 16-Jul-10 | | | | | | |
| Date Start: 16-Jul-10 | | | | | | |
| | | | | | | • |
| FINISIC 19-JUL-10 | | | | | | |
| Sampled By: Dan/Dave Rivet, 14 July 2010 | | | | | | |

| DH MII From | N_10_0 | | | | | | | | | DRILL LOG |
|----------------|---------|---|--------|--------|--------|--------|--------|----------|--------------|--|
| | 11-10-0 |)1 | | | | | | | | |
| (ft) | То | Lithological Description | Sample | From | To | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 0.00 | 0.00 | Overburden - None. Drill set up on bedrock. | | | | | | | | |
| | | | | | | | | | | |
| 0.00 | 44.33 | Mafic metavolcanics. Med to dk gry, light to dark green, vfgr to fgr, moderately hard to hard, massive, homogeneous, equigranular, moderately to strongly intermittently altered through metamorphism to amphibole facies, although more frequently retrograde alteration to chlorite with minor sericite +/or epidote. Comprised of a mixture of pillow basalt, fragmental basalt, and amygdaloidal basalt, variously and variably altered. Occasional rare non-calcitic white stretched amygdules. Volcanics not calcareous; not magnetic, except for minor Po concentrations. Primary textures and structures are poorly evident and difficult to discern., eg. at 85.2'. Shear zones are generally pyritic, locally to 10% over cms to 10 cms. TNL @20'; Lost water at 30'. | 378251 | 20.75 | 22.20 | 1.45 | 8 | <0.001 | | Mafic chloritic volcanic; ~2% euhedral Py to 2 mm in 1 cm 10 deg tca qv |
| | | | 378252 | 22.20 | 24.00 | 1.80 | 8 | <0.001 | 0.008 | Mafic chloritic volcanic; ~2% euhedral Py to 3 mm in 1 cm 10 deg tca qv |
| | | | 378253 | 24.00 | 26.00 | | 49 | | | Mafic chloritic volcanic; ~1% euhedral Py to 2 mm in 5mm 10 deg tca qv |
| | | | 746749 | 40.00 | 41.50 | | 1533 | | | ~3% Py in small shear |
| | | | 746750 | 41.50 | 42.50 | 1.00 | 50 | | | Tr Py in chloritic mafic metavolcanics |
| | | | 746751 | 42.50 | 43.60 | 1.10 | 116 | 0.003 | 0.116 | Tr Py in chloritic mafic metavolcanics |
| | | | 746752 | 43.60 | 44.30 | 0.70 | 159 | 0.005 | 0.159 | <1% diss Po in mafic chloritic metavolcanics. |
| | | | | | | | | | | |
| 44.33 | 47.83 | Quartz veins , pyritic. Visible gold. | 378254 | 44.33 | 46.40 | 2.07 | 562 | 0.016 | | QV & 4% Py stringers/blebs in silicified zone in mafic chloritic volcanics |
| | | | 378255 | 46.40 | 47.83 | 1.43 | 80961 | 2.362 | | VG as isolated specks. In QV w/ ~3% yellowish Py blebs & stringers. |
| 47.83 | 113.40 | Mafic metavolcanics, as above. | 378256 | 47.83 | 50.00 | 2.17 | 35 | 0.001 | 0.035 | Chloritic & biotitic mafic volcanics with minor qv. |
| 113.40 | 128.50 | Shear Zone in Mafic Metavolcanics. Chlorite- carbonate- schist. Trace Py. Calcareous (calcite in anastomosing stringers, subparallel to foliation 30-40 deg tca. Not magnetic. | 378309 | 113.40 | 115.30 | 1.90 | 44 | 0.001 | 0.044 | Amygdaloidal, chloritic mafic metavolcanics; w/ 5" v. It green altn. |
| | | | 378310 | 115.30 | 118.00 | 2.70 | 11 | <0.001 | 0.011 | Chlorite-carbonate schist, tr Py |
| | | | 378311 | 118.00 | 120.00 | | 13 | | 0.013 | Chlorite-carbonate schist, tr Py |
| | | | 378312 | 120.00 | 122.00 | | 15 | | | Chlorite-carbonate schist, tr Py |
| | | | 378313 | 122.00 | 124.00 | 2.00 | 9 | | | Chlorite-carbonate schist, tr Py |
| | | | 378314 | 124.00 | 126.00 | | 8 | | | Chlorite-carbonate schist, tr Py |
| | | | 378315 | 126.00 | 128.50 | 2.50 | 13 | <0.001 | 0.013 | Altered mafic metavolcanics |
| 128.50 | 135.00 | Aleration zone in mafic volcanics. Silicified, chloritized, biotitic. <2% Py as euhedral xls in hairline veinlets and disseminated Py where more generally highly silicified. | 378257 | 128.50 | 130.00 | 1.50 | 93 | 0.003 | 0.093 | Silicified zone with biotite/chlorite/qtz and <2% Py in hairline veinlets. |
| | | | 378258 | 130.00 | 132.00 | 2.00 | <5 | <0.001 | <0.005 | Silicified zone with biotite/chlorite/qtz and <2% Py in hairline veinlets. |
| | | | 378259 | 132.00 | 133.42 | 1.42 | 11 | | | Silicified zone with biotite/chlorite/qtz and <5% diss fgr euhedral Py |

~

| | | KINGS | BAY G | OLD | CORP | ORA | | - DI | AMOND | DRILL LOG |
|--------|--------|---|------------------|--------|------------------|--------------|--------|----------|--------------|--|
| DH M | IN-10- | 01 | | | | | | | | |
| From | | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 135.00 | 142.90 | Mafic dyke with mafic volcanic fragments. Contacts 5-10 deg tca. Tr Py | | | | | | | | |
| 142.90 | 143.50 | Shear Zone in Mafic Metavolcanics | | | | | | | | |
| 143.50 | 147.40 | Mafic metavolcanics, as above | | | | | | | | |
| 147.40 | 191.50 | Mafic metavolcanics, as above but with <1% diss euhedral Py and Po. | 378260 | 155.83 | 156.75 | 0.92 | 15 | <0.001 | 0.015 | Chloritic/calcitic metabasalt, tr Py |
| | | | 378261 | 158.83 | 160.00 | 1.17 | 8 | | | Chloritic/calcitic metabasalt, tr Py |
| | | | 378262 | 160.00 | 162.00 | 2.00 | | | | Chloritic/calcitic metabasalt, tr Py |
| | | | 378263 | 162.00 | 164.00 | 2.00 | | | | Chloritic/calcitic metabasalt, tr Py |
| | | | 378264 378265 | 165.00 | 166.00 168.83 | 1.00 2.83 | | | | Chloritic/calcitic metabasalt, tr Py |
| | | | 378265 | 166.00 | 168.83 | 2.83 | 12 | <0.001 | 0.012 | Chloritic/calcitic metabasalt, tr Py |
| 191.50 | 193.50 | Quartz vein, 1.6' core length subparallel tca. Trace Py, and especially in chloritic xenoliths. Silicified lower contact with adjacent feldspar porphyry below. | | | | | | | | |
| 193.50 | 195.50 | Feldspar Porphyry, massive, homogeneous, fgr to mgr, grey, with a red-brown tint. ~5% 1-2mm plag xls with diffuse xl boundaries. Not calcareous. Not magnetic. | 378266 | 191.83 | 193.00 | 1.17 | 39 | 0.001 | 0.039 | 90% qv, trace Py |
| 195.50 | 201.70 | Shear Zone in altered mafic metavolcanics | | | | | | | | |
| 201.70 | 208.80 | Feldspar Porphyry | 378267 | 204.83 | 207.67 | 2.83 | 65 | 0.002 | 0.065 | Silicified zone in feldspar porphyry. Tr py on joint surfaces. |
| 208.80 | 210.95 | Feldspar porphyry brecciated lower contact with mafic metavolcanics | | | | | | | | |
| 210.95 | 224.00 | Shear zone in mafic metavolcanics. Pyritic. | | | | | | | | |
| 224.00 | 236.10 | Altered shear zone in mafic metavolcanics. Silicified, chloritic, fgr diss pyrite locally to ~5% | 378268 | 224.00 | 225.75 | 1.75 | 8 | <0.001 | 0.008 | Silicified, chloritic mafic metavolcanic, vfgr Py to 5% locally |
| | | | 378269 | 225.75 | 228.25 | 2.50 | 10 | <0.001 | 0.010 | Silicified, chloritic mafic metavolcanic, vfgr Py to 5% locally |
| 236.10 | 243.60 | Mafic metavolcanics, as above. | 378330 | 241.90 | 243.60 | 1.70 | 11 | <0.001 | 0.011 | Foliated mafic metavolcanic, Tr Py |
| 243.60 | | Shear zone in mafic metavolcanics. Pyritic. Upper contact zone with feldspar porphyry. Silicified chloritic shear zone, 6 cm qv w/ ~7% vfgr diss Py. Foliation 45 deg tca. | 378331 | 243.60 | 245.70 | 2.10 | 76 | 0.002 | 0.076 | Silicified chloritic shear zone, 6 cm qv w/ ~7% vfgr diss Py. Upper contact with feldspar porphyry |
| 245.70 | 260.45 | Feldspar Porphyry, as above. | 378332 | 245.70 | 247.50 | 1.80 | 11 | <0.001 | 0.011 | Foldenar normhury, te Du |
| | | | 378270 | 245.70 | 247.50 | 1.80 | 8 | <0.001 | | Feldspar porphyry, tr PySilicified feldspar porphyry, tr Py |
| | | | 378271 | 249.00 | 250.50 | 1.50 | | 0.001 | | Silicified feldspar porphyry, ~1-2% vvfgr Py |

| | IN-10-0 | 01 | | T | | | | | | |
|--------|---------|--|--------|--------|--------|--------|----------|----------|--------------|--|
| From | To | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 245.70 | | Feldspar Porphyry, as above (Cont'd) | 378272 | 250.50 | 251.50 | 1.00 | | | < 0.005 | Silicified feldspar porphyry, tr Py |
| 245.70 | 200.45 | | | | | | | | | |
| 260.45 | | Shear zone in mafic metavolcanics. Silicified, chloritic, pyritic. Lower contact zone with feldspar porphyry. Local concentrations of vvfgr PY Cut by small carbonate veinlets parallel to foliation, 25 deg tca. | 378273 | 263.42 | 265.25 | 1.83 | 61 | 0.002 | 0.061 | Silicified shear zone, lower contact w/ feldspar porphyry, vvfgr Py locally to |
| | | | 378274 | 265.75 | 267.42 | 1.67 | <5 | <0.001 | <0.005 | Silicified shear zone, lower contact w/ feldspar porphyry, incl 2- 2-4cms qvs. |
| | | | | | | | | | | |
| 269.15 | 352.00 | Mafic metavolcanics, as above. Slighly calcareous in | 378275 | 327.00 | 328.00 | 1.00 | <5 | <0.001 | <0.005 | |
| | | occasional joint. | 070076 | | | - 100 | | .0.001 | -0.005 | Mafic metavolcanics with minor Py on joint surfaces. |
| | | | 378276 | 328.00 | 329.00 | | <5 10 | <0.001 | | Mafic metavolcanics with minor Py on joint surfaces |
| | | | 378316 | 350.00 | 352.00 | 2.00 | 10 | <0.001 | 0.010 | Manc metavolcanics with million Py on joint surfaces. |
| 352.00 | 370.00 | Shear zone in mafic metavolcanics. Pyritic. | 378317 | 352.00 | 354.00 | 2.00 | 12 | <0.001 | 0.012 | Shear zone, chloritic, biotitic, +/- tremolite, +/- actinolite Tr Py. |
| 552.00 | 370.00 | Shear cone in mane metavoreames. Pyrite. | 378318 | 354.00 | 356.00 | | 14 | <0.001 | | Shear zone, chloritic, biotitic, +/- tremolite, +/- actinolite Tr Py. |
| | | | 378319 | 356.00 | 358.00 | | 9 | < 0.001 | | Shear zone, chloritic, biotitic, +/- tremolite, +/- actinolite Tr Py. |
| | | | 378320 | 358.00 | 360.40 | | | < 0.001 | | Mafic metavolcanics with minor Py on joint surfaces. |
| | | | 378277 | 360.40 | 362.25 | 1.85 | | <0.001 | | |
| | | | | | | | | | | Py to 7% in thin silicified zones in mafic metavolcanics. Pyritic 1 cm ksp-qtz |
| | | | 378278 | 362.25 | 364.00 | 1.75 | <5 | <0.001 | <0.005 | Py in 2-1-2 cms qvs in chl-epid-qtz mafic metavolcanic. |
| | | | 378279 | 368.50 | 370.00 | 1.50 | 20 | <0.001 | 0.020 | 1mm euhedral Py in chlorite-qtz schist, 5cm qv with Py at selvedges. |
| | | | | | | | | | | |
| 370.00 | 443.25 | Mafic metavolcanics, as above. Calcareous in | 378280 | 383.80 | 385.25 | 1.45 | 8 | <0.001 | 0.008 | |
| | | occasional joint. | | | | | | | | vvfgr 10% py in shear & 1cm Py vn in 7 cm qv& euhedral diss py in mafic vo |
| | | | 378321 | 390.00 | 392.00 | | 7 | <0.001 | | Chlorite-qtz-carb schist in shear zone. Tr Py |
| | | | 378322 | 392.00 | 393.60 | | 14 | < 0.001 | | Chlorite-qtz-carb schist in shear zone. Tr Py |
| | | | 378323 | 393.60 | 395.60 | | | <0.001 | | Chlorite-qtz-carb schist in shear zone. Tr Py |
| | | | 378324 | 395.60 | 397.60 | 2.00 | 9 | < 0.001 | 0.009 | Chlorite-qtz-carb schist in shear zone. Tr Py |
| 443.25 | | Shear zone in mafic metavolcanics; 20 dge tca. With chlorite, sericite, garnet, epidote. Tr. Pyrite. | | | | | | | | |
| 444.30 | 465.70 | Mafic metavolcanics, as above. | | | | | | | | |
| 465.70 | 475.40 | Shear zone with py; qtz-epidote in thin cross-cutting veinlets 20 deg tca. | 378281 | 465.83 | 467.00 | 1.17 | <5 | <0.001 | <0.005 | Shear zone. Epidotized, Silicified. 1% Py, euhedral xls to 1 cm. |
| | | | 378282 | 467.00 | 468.00 | 1.00 | <5 | <0.001 | <0.005 | Shear zone. Epidotized, silicified. ~1% Py |
| | | | 378283 | 468.00 | 469.00 | 1.00 | <5 | <0.001 | < 0.005 | Shear zone. Epidotized, silicified. ~1% Py |
| | | | 378284 | 469.00 | 470.00 | 1.00 | <5 | <0.001 | <0.005 | Shear zone. Epidotized, silicified. ~1% Py |
| | | | 378285 | 470.00 | 471.75 | | <5 | <0.001 | | Shear zone. Epidotized, silicified. ~<1% Py |
| | _ | | 378286 | 471.75 | 473.25 | | | <0.001 | <u> </u> | Shear zone. Epidotized, silicified. ~<1% Py |
| | | | 378287 | 473.25 | 474.75 | | 7 | < 0.001 | | Shear zone. Epidotized, silicified. ~1% Py |
| | | | 746758 | 520.00 | 520.80 | | 143 | 0.004 | | 1/2-3/4" Po-qtz-carb veinlet sub-parallel tca |
| | _ | | 746759 | 520.80 | 521.58 | 0.78 | 1307 | 0.038 | 1.307 | 1/2-3/4" Po-qtz-carb veinlet sub-parallel tca |
| | | | | | | | | | | |

| DH M | IN-10-0 | 01 | | | | | | | | |
|--------|---------|---|--------|--------|--------|--------|--------|----------|--------------|--|
| From | To | Lithological Description | Sample | From | To | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 504.00 | 504.60 | Shear zone. Garnetiferous, qtz, epidote, albite. Possibly large displacement here. | | | | | | | | |
| 504.60 | | Mafic metavolcanics, as above. 0.15 ft of biotite schist at 540.7'. This may be at the centre of a much wider chlorite schist rich shear zone from about 521.5 - 564.45'. Overall, the rock here is mainly green, very very fine-grained and has a chatoyant-like sheen, with intervals that are more silica-rich. | 378288 | 521.58 | 525.42 | 3.83 | 138 | 0.004 | 0.138 | Mafic chloritic metavolcanic, ~3% aggretgates wfgr to mgr Py in thin silicified vnlets |
| | | | 746760 | 523.42 | 524.50 | 1.08 | 83 | 0.002 | 0.083 | Tr Py in chloritic mafic metavolcanics. |
| | | | 746761 | 524.50 | 525.50 | 1.00 | 45 | 0.001 | 0.045 | Tr Py in chloritic mafic metavolcanics. |
| | | | 746762 | 525.50 | 526.50 | 1.00 | 22 | < 0.001 | 0.022 | Py in hairline veinlet in chloritic mafic metavolcanics. |
| | | | 746763 | 526.50 | 527.50 | 1.00 | 17 | <0.001 | 0.017 | Tr Py in chloritic mafic metavolcanics. |
| | | | 746764 | 527.50 | 529.00 | 1.50 | 23 | <0.001 | 0.023 | Tr Py in chloritic mafic metavolcanics. |
| | | | 378289 | 529.00 | 530.00 | 1.00 | <5 | <0.001 | <0.005 | Maf chl mv, <1% vvfgr to mgr Py in thin silicified vnlets |
| | | | 378290 | 530.00 | 531.42 | 1.42 | <5 | < 0.001 | <0.005 | Maf chl mv, ~2% vvfgr to mgr Py diss & aggs in thin silicified vnlets |
| | | | 378291 | 531.42 | 532.75 | 1.33 | <5 | <0.001 | | Maf chl mv, <1% vvfgr to mgr Py in thin silicified vnlets |
| | | | 746753 | 545.00 | 546.00 | 1.00 | 32 | < 0.001 | 0.032 | <1% Po, tr Py in chloritic mafic metavolcanics |
| | | | 746754 | 546.00 | 547.00 | 1.00 | 47 | 0.001 | | <1% Po, tr Py in chloritic mafic metavolcanics |
| | | | 378334 | 547.00 | 549.00 | 2.00 | 1698 | 0.050 | 1.698 | 2 cm thick qtz-sulphide-rich stringer 5 deg tca. |
| | | | 746756 | 549.00 | 550.00 | 1.00 | 51 | 0.001 | 0.051 | Tr Po in mafic chloritic metavolcanics |
| 563.85 | 564.45 | Shear zone in mafic metavolcanics. | | | | | | | × | |
| 564.45 | | Feldspar Porphyry, as above. Sharp upper contact 5 deg tca. Fragments of chloritic mafic metavolcanics are caught up ub the porphyry for the next 5 feet. | 378325 | 577.30 | 579.00 | 1.70 | <5 | <0.001 | <0.005 | Feldspar porphyry |
| | | | 378326 | 579.00 | 581.00 | 2.00 | 13 | <0.001 | 0.013 | Shear zone with chlorite-carbonate schist, tr Py |
| 579.10 | 585.30 | Shear zone in mafic metavolcanics. Chlorite- | | - | | | | | | |
| | | carbonate schist, schistosity 20 deg tca. | 378327 | 581.00 | 583.00 | 2.00 | 6 | <0.001 | 0.006 | Shear zone with chlorite-carbonate schist, tr Py |
| | | | 378328 | 583.00 | 584.60 | 1.60 | 14 | <0.001 | | Shear zone with chlorite-carbonate schist, tr Py |
| 85.30 | | Mafic metavolcanics, as above. Brittle fault at 604- 605 (TNL) | 378329 | 584.60 | 586.70 | 2.10 | 8 | <0.001 | 0.008 | Chloritic mafic metavolcanics |
| | | | | | | | | | | |
| 60.00 | EOH | | | | | | | | | |

| | | | ACIE | dip t | ESTS | |
|--------------------------|------------|--|--------|-------|---------|--|
| Project: | Menary I | Project | DEPTH | DIP | AZIMUTH | <u>Comments</u> |
| - Hole Number: | MIN-10-0 | - | COLLAR | -60 | | DDH MIN-10-02 was drilled to undercut MIN-10-01. |
| | | | -340' | -65 | | |
| Units of Measurement: | | Imperial | -568' | -68 | | The entire core consists of massive mafic metavolcanics cut by a few feldspar porphyry dykes(that sometimes include intervals of granite pegmatite), the contacts to which are generally sheared. There are also a few shear zones (carbonate-chlorite-biotite-qtz |
| Location | NTS Sheet: | 52F04 | | | | schist; and brown biotite schist) internal to the mafic metavolcanics, some of which have |
| | Township: | Menary | | | | quartz-filled centres and carry a light coloured pyrite. |
| | | K1079876 | | | | |
| | Grid: | | | | | Results: 1) 54.10-55.45': 4.716 g/t Au over 1.35 feet 2) 58.00-59.00': 0.512 g/t Au over 1.00 feet |
| | Easting: | | | | | 2) 58.00-59.00 . 0.512 g/r Ad Over 1.00 reek |
| | Northing: | | | | | All other samples are <0.200 g/t. |
| | Elevation: | | | | | |
| GPS Co-ordinates: | Zone: | 15 U | | | | |
| (if applicable) | Datum: | NAD83 | | | | |
| | Easting: | 0435645 mE | | | | |
| | Northing: | 5425855 mN | | | | |
| Collar Dip: | | -60° S | | | | |
| Collar Azimuth: | | 155° TN | | | | |
| Hole Length: | | 660 feet | | | | |
| Core Size: | | BQ | | | |] |
| Recovery: | | 98+ % | | | | |
| Casing(ft) Left In Hole: | | None. Wood plug. | | | | |
| Water Source: | | Bulk sample trench, 100' to the south. | | | | |
| Drilled By: | | Wally Magnuson, Custom Drilling | | | | |
| | Start: | 24-Jun-10 | | | | |
| | Finish: | 3-Jul-10 | | | | |
| Logged By: | | R. Crosby, M.Sc., P.Geo (APGO #1784) | | | | |
| Sampled By: | | R Crosby | | | | 4 |
| Date: | Start: | 16-Jul-10 | | | | 4 |
| | Finish: | 20-J <u>u</u> l-10 | | | | |

| | | KINGS | BAY G | OLD | CORP | ORA | | - DIAN | NOND D | RILL LOG |
|--------|--------|--|--------|--------|--------|--------|--------|----------|--------------|--|
| N-10-0 | 2 | | | | | | | | | |
| rom | То | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 0.00 | | Overburden - None. Drill set up on bedrock. | | | 1.4 | (/ | | | | |
| 0.00 | 0.00 | overbarden - Hone. Drinset up on bearock. | | | | | | | | |
| 0.00 | 92.60 | Mafic metavolcanics. Med green to dark green-grey | 378292 | 11.00 | 12.00 | 1.00 | 8 | < 0.001 | 0.008 | Chloritic mafic volcanics w/ biot/chl schist; tr Py |
| 0.00 | 92.00 | to dark grey to almost black, fgr to vfgr, hard . | 576252 | | | | - | | | |
| | | Massive, and generally homogeneous. Occasionally | | | | | | | | |
| | | | | | | | | | | |
| | | fragmental. Frequently chloritic and silicified. Rare | | | | | | | | |
| | | small intervals of amygdaloidal basalt - amygdules not | | | | | | | | |
| | | calcite Amphibolite grade regional metamorphism | | | | | | | | |
| | | dominates to about 270' after which it retrograde | | | | | | | | |
| | | chlorite occurs in wide zones affected by shearing. | | | | | | | | |
| | | Abundant carbonate stringers& blebs parallel a | | | | | | | | |
| | | general 35 deg tca foliation in a carb-chlorite-biotite- | | | | | | | | |
| | | qtz schist where shearing is most intense. | | | | | | | | |
| | | | | | | | | | | |
| | | | | 40.00 | 40.15 | | | -0.654 | 0.007 | Chile sitis metion where the first of the second |
| | | - Broken at 20-12': Small brittle fault. | 378293 | 12.00 | 13.40 | 1.40 | 7 | <0.001 | | Chloritic mafic volcanics w/ <0.5% euhedral Py in schistose seams 2 small silicified, shear zones in chloritic mafic volcanics. Loc 3-5% vfg diss P |
| | | - Locally foliated 40 deg tca, eg.,@ 74.0' | 378340 | 31.50 | 33.00 | 1.50 | 9 | <0.001 | 0.009 | 2 small shicified, shear zones in chloritic matic volcanics. Loc 3-5% vig uss r |
| | | | | 26.65 | 20.20 | 4.55 | | <0.001 | 0.018 | Chloritic mafic volcanics w/ <0.5% Py in joints and seams. |
| | | | 378294 | 36.65 | 38.30 | 1.65 | | <0.001 | | Chloritic mafic volcanics w/ <0.5% Py in joints and searchs. |
| | | | 378295 | 38.30 | 40.00 | 1.70 | 40 | 0.001 | | Chloritic mafic volcanics w/ to 5% Py as smears on joints |
| | | | 378296 | 41.50 | 43.15 | 1.65 | | | | |
| | | | 378297 | 43.15 | 44.80 | 1.65 | 33 | <0.001 | | Chloritic mafic volcanics w/ tr Py |
| | | | 378298 | 44.80 | 46.30 | 1.50 | 47 | 0.001 | | Chloritic mafic volcanics w/ tr Py |
| | | | 378299 | 46.30 | 47.50 | 1.20 | 162 | 0.005 | | Chloritic mafic volcanics w/ tr Py |
| | | | 378300 | 47.50 | 48.60 | 1.10 | 55 | 0.002 | | Chloritic mafic volcanics w/ tr Py |
| | | | 378301 | 52.20 | 54.10 | | 120 | 0.004 | | Silicified, chloritic mafic volcanics as chlorite/fsp schist w/~1-2% diss Py |
| | | | 378302 | 54.10 | 55.45 | | 4716 | 0.138 | | Silicified, chloritic mafic volcanics w/ 50% qtz, 1% Py, tr Cpy. |
| | | | 746756 | 55.45 | 56.80 | | 51 | 0.001 | | ~2% euhedral py in mafic metavolcavics |
| | | | 746757 | 56.80 | 58.00 | | 74 | | | ~2% euhedral py in mafic metavolcavics |
| | | | 378303 | 58.00 | 59.00 | 1.00 | 512 | 0.015 | 0.512 | 1" qtz vn & 1/2" silicified vnlet in 6" zone of pyritic chlorite mafic volcanics. |
| | | | | | | | | | | |
| | | | 378304 | 59.00 | 60.00 | 1.00 | 30 | <0.001 | | Chloritic mafic volcanics w/ tr Py |
| | | | 378305 | 60.00 | 61.00 | 1.00 | 41 | 0.001 | | 1/2" pyritic biotitic zone in mafic metavolcanics |
| | | | 378306 | 61.00 | 62.00 | | 99 | 0.003 | | 1/2" pyritic biotitic zone in mafic metavolcanics |
| | | | 378307 | 70.00 | 71.20 | | 24 | <0.001 | | Amphibolitic mafic metavolcanics, tr. Py |
| | | | 378308 | 71.20 | 72.80 | | 173 | 0.005 | | Amphibolitic mafic metavolcanics, Py in thin veinlet parallel tca. |
| | | | 378334 | 90.60 | 91.60 | 1.00 | 8 | <0.001 | 0.008 | Black, vfgr, very hard, dacitic mafic metavolcanic. No Py. Baked HW contact |
| | | | | | | | | | | |
| | | | 378335 | 91.60 | 92.60 | 1.00 | 7 | <0.001 | 0.007 | As above, stretched, brecciated baked HW contact |
| | | | | | | | | | | |
| 92.60 | 95.75 | Silicified / K-feldspathic Zone in mafic metavolcanics. | 378336 | 92.60 | 94.60 | 2.00 | <5 | <0.001 | <0.005 | Silica/kspar/pyrite alteration zone. ~3-5% Py |
| 1 | | Sharp irregular brecciated contacts. Pyrite, ~3-5%, | | | | | | | | |
| | | finely disseminated throughout. | | | | | | | | |
| | | | | | | | | | | |
| | | | 378337 | 94.60 | 95.80 | 1.20 | <5 | <0.001 | <0.005 | Silica/kspar/pyrite alteration zone. ~3-5% Py |
| | | | | | | | | | | |
| 95.75 | 252.10 | Mafic metavolcanics, as above | 378338 | 95.80 | 96.80 | 1.00 | <5 | | | Brecciated FW contact, tr. Py |
| | | | 378339 | 96.80 | 97.80 | 1.00 | <5 | <0.001 | <0.005 | Foliated (30-40 deg tca) chloritic mafic metavolcanic. |
| _ | | | 378341 | 209.00 | 210.00 | 1.00 | <5 | <0.001 | <0.005 | Mafic metavolcanic |
| | | | 378342 | 210.00 | 212.00 | 2.00 | <5 | <0.001 | <0.005 | Mafic metavolcanic w/ 2-3mm Pyritic qtz seam. |
| | | | 378343 | 212.00 | 213.50 | 1.50 | <5 | <0.001 | | Alteration zones with Pyritic 2-3cm qtz seams. |
| | | | 378344 | 213.50 | 214.50 | 1.00 | 9 | <0.001 | 0.009 | Mafic metavolcanic |
| | | | 378345 | 251.10 | 252.10 | 1.00 | <5 | < 0.001 | <0.005 | Mafic metavolcanic |
| | | | 1 | | | | | | | |

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KINGS BAY GOLD CORPORATION - DIAMOND DRILL LOG

| 1IN-10-0 |)2 | | | | | | | | | |
|----------|--------|--|------------------|------------------|------------------|--------------|----------|----------|--------------|---|
| From | То | Lithological Description | Sample | From | To | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 252.10 | 257.10 | Shear Zone in mafic metavolcanics. | 378346 | 252.10 | 254.10 | 2.00 | <5 | <0.001 | <0.005 | Sheared mafic metavolcanic, tr Py |
| | | | 378347 | 254.10 | 256.10 | 2.00 | <5 | <0.001 | <0.005 | Sheared mafic metavolcanic, tr Py |
| | | | 378348 | 256.10 | 257.10 | 1.00 | 25 | <0.001 | 0.025 | Sheared mafic metavolcanic, tr Py |
| | | | | | | | | | | |
| 257.10 | 270.00 | Mafic metavolcanics, as above | 378349 | 257.10 | 258.10 | 1.00 | 6 | <0.001 | 0.006 | Mafic metavolcanic. |
| | | | | | | | | | 0.007 | |
| 270.00 | 360.90 | Mafic metavolcanics, as above. Chlorite, rather than | 378350 | 291.30 | 292.80 | 1.50 | 7 | <0.001 | 0.007 | Silicified shear, tr Py |
| | | amphibole, is generally the dominant alteration | | | | | | | | |
| | | mineral after 270'. This is part of a larger shear zone | | | | | | | | |
| | | with retrograde chlorite metamorphism after | | | | | | | | |
| | | amphibile (hornblende). Pyritic 0.1' qv at 323.5', 60 | | | | | | | | |
| | | deg tca. Pyritic 0.25' granite pegmatite at 346.7- 347.0' Sharp contacts 65 deg tca | | | | | | | | |
| | | 547.0 Sharp contacts 65 deg tea | | | | | | | | |
| | | | 378351 | 292.80 | 294.20 | 1.40 | 10 | <0.001 | 0.010 | Silicified shear with ~2% Po & tr Py |
| | | | 378352 | 294.20 | 295.20 | 1.00 | <5 | <0.001 | <0.005 | Silicified shear, tr Py |
| | | | 378353 | 323.00 | 324.00 | 1.00 | 20 | <0.001 | 0.020 | 0.1' qv with 1% Py; ~2% Po in maf mv contacts. |
| | | | 378354 | 341.50 | 343.00 | 1.50 | 36 | 0.001 | 0.036 | Thin pyritic silicified veinlets. |
| | | | 378355 | 343.00 | 344.00 | 1.00 | <5 | <0.001 | <0.005 | Mafic metavolcanic. |
| | | | 378367 | 345.10 | 346.00 | 0.90 | <5 | <0.001 | | Chlorite-altered mafic metavolcanic |
| | | | 378368 | 346.00 | 347.80 | 1.80 | 20 | <0.001 | 0.020 | Chl-epid altered mafic mv, incl 0.25' granite pegmatite with 3-4% py at contact |
| | | | | | | | | | | in MV |
| | | | 378369 | 347.80 | 348.80 | 1.00 | 7 | <0.001 | | Chlorite-altered mafic metavolcanic, <1% Py |
| | | | 378356 | 359.50 | 360.90 | 1.40 | <5 | <0.001 | <0.005 | Sheared mafic metavolcanics |
| | | | | | | | | | | |
| 360.90 | 364.80 | Silicified Zone. ~3-4% vfgr disseminated Py | 378357 | 360.90 | 362.50 | 1.60 | <5 | <0.001 | <0.005 | Silicified with 3-4% vfgr diss Py |
| | | throughout. | 070070 | 262.50 | | | | <0.001 | | Citization di solate D. 407 setter di se Dis |
| | | | 378358 378359 | 362.50 364.80 | 364.80 366.20 | 2.30 1.40 | <5 <5 | <0.001 | | Silicified with 3-4% vfgr diss Py Sheared mafic metavolcanics |
| | | _ | 3783339 | 364.80 | 300.20 | 1.40 | < 5 | <0.001 | <0.005 | |
| 364.80 | 380.00 | Calcareous shear zone, with a silicified central | 378360 | 371.50 | 372.90 | 1.40 | <5 | <0.001 | <0.005 | Chloritic shear, tr Py |
| 504.00 | 500.00 | portion (3-3" qtz veins). Qtz.carb-biotite-chlorite- | 0,0000 | 0,100 | 072.00 | 1.10 | | | | |
| | | pyrite schist. Quartz vein contacts sharp at 35 deg tca. | | | | | | | | |
| | | r, | | | | | | | | |
| | | | 378361 | 372.90 | 373.70 | 0.80 | 53 | 0.002 | 0.053 | 5% Py in chloritic shear |
| | | | 378362 | 373.70 | 375.70 | 2.00 | 26 | <0.001 | 0.026 | Silicified w/ qvs & 20% Py in biot-qtz-carb-chlor schist inclusions. |
| | | | 378363 | 375.70 | 376.70 | 1.00 | 7 | <0.001 | 0.007 | Chloritic shear in mafic metavolcanics. |
| | | | | | | | | | | |
| 380.00 | 393.90 | Mafic Metavolcanics, as above | | | | | | | | |
| | | | | | | | | | | |
| 393.90 | 400.00 | Shear Zone. More intensely sheared from 394.9- | 378364 | 393.90 | 394.90 | 1.00 | <5 | <0.001 | <0.005 | Carb-chl-biot-qtz schist, tr Py |
| | | 397.2 (as a carbonate-biotite-qtz schist). Foliated 35- | | | | | | | | |
| | | 40 deg tca. Pyritic <1% overall, but locally to ~2% | | | | | | | | |
| _ | | | | 2045- | | | | | | |
| 400.00 | A4E 60 | | 378365 | 394.90 | 397.20 | 2.30 | <5 | < 0.001 | | Carb-biot-qtz schist , <1% Py in heart of shear |
| 400.00 | 445.60 | Mafic Metavolcanics, as above | 378366 | 397.20 | 398.20 | 1.00 | <5 | <0.001 | <0.005 | Biot-Chl-Carb-Qtz alteration in mafic metavolcanics |

KINGS BAY GOLD CORPORATION - DIAMOND DRILL LOG

| IN-10-0 | | | | | | | | | | |
|---------|--------|---|--------|--------|--------|--------|--------|----------|--------------|--|
| From | To | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 445.60 | | Feldspar Porphyry. Light to med grey, fine-grained, very hard, massive, homogeneous and characterized by 1-2mm scale plagioclase phenocrysts whose xl | | | | | | | | |
| | ļ | boundaries are indistinct. Sometimes unit is silicified. Sharp 30 degree contacts the the mafic volcanics. | | | | | | | | |
| | | Volcanics in contact with unit sometimes hornfelsed to biotite grade, and with increased pyrite content up to 20%. | | | | | | | | |
| 447.00 | 454.10 | Mafic Metavolcanics, as above | 378370 | 453.00 | 454.10 | 1.10 | <5 | <0.001 | <0.005 | Mafic volcanics in contact with feldspar porphyry. Tr. Py. |
| 454.10 | 455.00 | Feldspar Porphyry, as above | 378371 | 454.10 | 455.00 | 0.90 | <5 | <0.001 | <0.005 | Fsp Porphyry hw contact with granite pegmatite. |
| 455.00 | 456.40 | Granite Pegmatite | 378372 | 455.00 | 456.50 | 1.50 | <5 | <0.001 | <0.005 | Granite pegmatite. <0.5% euhedral Py |
| 456.40 | 464.80 | Feldspar Porphyry, as above. | 378375 | 456.50 | 457.50 | 1.00 | <5 | <0.001 | <0.005 | Feldspar porphyry, fw contact with granite pegmatite. |
| 450.45 | 404.00 | | 378373 | 463.00 | 464.80 | 1.80 | <5 | | | Feldspar porphyry, tr Py |
| | | | | | | | | | | |
| 464.80 | 515.00 | Mafic metavolcanics, as above | 378374 | 464.80 | 466.00 | 1.20 | <5 | <0.001 | <0.005 | Brecciated chl-biot mafic metavolcanics at FW contact w/ feldsp. Por. |
| 515.00 | 526.60 | Mafic metavolcanic, brecciated fragmental. | | | | | | | | |
| 526.60 | | Mafic metavolcanic brecciated fragmental, vfgr, chloritic, sheared and characterized by abundant carbonate stringers and blebs parallel to the 18 deg tca foliation. Contains zones of elevated pyrite content. (see samples). The FW contact metahornfels is biotitic and carries elevate amounts of pyrite relative to the rest of the metavolcanics. | 378376 | 538.00 | 539.70 | 1.70 | 15 | <0.001 | 0.015 | Carbonate stringers in chloritic fragmental mafic metavolcanic. Tr Py |
| | | | 378377 | 539.70 | 541.00 | 1.30 | 10 | <0.001 | 0.010 | Carbonate stringers in chloritic fragmental mafic metavolcanic. ~1-2% Py |
| | | | 378378 | 541.00 | 542.00 | 1.00 | 13 | | | Carbonate stringers in chloritic fragmental mafic metavolcanic. Tr Py |
| | | | 378379 | 542.00 | 543.00 | 1.00 | 13 | <0.001 | 0.013 | Carbonate stringers in chloritic fragmental mafic metavolcanic. Tr Py |
| | | | 378380 | 543.00 | 544.30 | 1.30 | | | 0.007 | Carbonate stringers in chloritic fragmental mafic metavolcanic. Tr Py |
| | | | 378381 | 544.30 | 546.00 | 1.70 | | | | Carbonate stringers in chloritic fragmental mafic metavolcanic. 8-10% Py |
| | | | 378382 | 546.00 | 547.00 | 1.00 | 12 | | | Carbonate stringers in chloritic fragmental mafic metavolcanic. Tr Py |
| | | | 378383 | 562.10 | 564.10 | 2.00 | | | | Carbonate stringers in chloritic fragmental mafic metavolcanic. Tr Py |
| | | | 378384 | 564.10 | 565.10 | 1.00 | 13 | <0.001 | 0.013 | As above but biotitic, ~8-10% Py. Contact metahornfels |
| 565.10 | | Granite Pegmatite. Massive, vcgr Kspar and quartz with accessory 2-3mm euhedral pyrite. | 378385 | 565.10 | 566.00 | 0.90 | <5 | <0.001 | <0.005 | Granite pegmatite w/ <1% euhedral Py |
| | | | 378386 | 566.00 | 567.00 | 1.00 | | | | Granite pegmatite w/ <1% euhedral Py |
| | | | 378387 | 567.00 | 568.00 | 1.00 | - | | | Granite pegmatite w/ <1% euhedral Py |
| | | | 378388 | 568.00 | 569.00 | 1.00 | - | | | Granite pegmatite w/ <1% euhedral Py |
| | | | 378389 | 569.00 | 570.00 | 1.00 | | | | Granite pegmatite w/ <1% euhedral Py |
| | | | 378390 | 570.00 | 571.00 | 1.00 | | | | Granite pegmatite w/ <1% euhedral Py |
| | | | 378391 | 571.00 | 572.00 | 1.00 | <5 | < 0.001 | -0.005 | Granite pegmatite w/ <1% euhedral Py |

| | | KINGS | BAY G | | ORP | ORA | | - DIAN | | RILL LOG |
|----------|------|--|--------|--------|--------|--------|--------|----------|--------------|---|
| MIN-10-0 | 02 | | | | | | | | | |
| From | To | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 572.00 | | Mafic metavolcanics, chloritic. As above. tr diss fgr py throughout. There is a biotite grade, hornfelsed fw contact to the granite pegmatite, in the mafic metavolcanics, with ~15-20% pyrite over 0.6', comprised of 2 generations of pyrite: 1) euhedral to 2mm, and 2) very fine-grained disseminated <1mm in crystal size (localizedon both sides of a thin silicified veinlet. A few qtz-carb +/- chlorite +/- pyrite occurs ~35 deg tca throughout this unit, with localized concentrations in zones of more intense shearing (heart of the shear zones). | 378392 | 572.00 | 573.00 | 1.00 | 20 | <0.001 | 0.020 | Biotite-Pyrite contact metahornfels |
| | | | 378393 | 573.00 | 574.00 | 1.00 | 8 | < 0.001 | 0.008 | Biotite-Pyrite contact metahornfels |
| | | | 378394 | 598.50 | 600.00 | 1.50 | 11 | <0.001 | 0.011 | Silicified fragmental chloritic maf metavolc., <0.5% diss Py |
| | | | 378395 | 600.00 | 601.00 | 1.00 | 6 | <0.001 | 0.006 | |
| | | | | | | | | | | Silicified fragmental chloritic maf metavolc., <1% Py, stretched in the foliation |
| | | | 378396 | 601.00 | 602.00 | 1.00 | 9 | <0.001 | | vfgr diss Py <1%, in frag. Maf. Chloritic metavolcanics. |
| | | | 378397 | 602.00 | 603.00 | 1.00 | 8 | < 0.001 | | Chlorite-rich shear w/ ~2-3% euhedral Py to 3mm |
| | | _ _ | 378398 | 603.00 | 604.00 | 1.00 | <5 | <0.001 | | Chlorite-rich shear w/ ~2-3% euhedral Py to 3mm |
| | | | 378399 | 604.00 | 605.00 | 1.00 | <5 | <0.001 | | Chlorite-rich shear w/ ~3-4% euhedral Py to 3mm parallel to foliation |
| | | | 378400 | 605.00 | 606.00 | 1.00 | 9 | <0.001 | | Chlorite-rich shear w/ ~1-2% Py parallel tca |
| | | | 378401 | 606.00 | 606.80 | 0.80 | <5 | <0.001 | | Chlorite-rich shear w/ ~1-2% Py parallel tca |
| | | | 378402 | 606.80 | 608.00 | 1.20 | <5 | < 0.001 | < 0.005 | Silicified fragmental chloritic maf metavolc., <0.5% diss Py |
| 660.00 | EOH | | | | | | | | | |

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| | | KINGS BAY GOLD C | CORPO | RA | | - DIAMOND DRILL LOG |
|--------------------------|---|--------------------------------------|-------|------------|---------|---|
| | | | ACIE | DIP 1 | ESTS | Commente |
| Project: | Menary | Project | DEPTH | DIP | AZIMUTH | <u>Comments</u> |
| Hole Number: | MIN-10-0 | 03 | -320' | -70 -73 | | DDH MIN-10-03 was drilled to explore sothwards the subsurface extension of gold- bearing quartz veins beside old surface quartz vein workings (blasted trench). |
| Units of Measurement: | | Imperial | | | | The entire core consists of massive mafic metavolcanics cut by a few feldspar porphyry |
| Location | NTS Sheet: Township: Claim No: Grid: | 52F04 Menary K1079876 | | | | dykes, the contacts to which are generally sheared, and a few shear zones internal to the mafic metavolcanics. Other shears are quartz-filled and carry a light coloured pyrite. RESULTS: 1) 185.20-186.20: 0.207 g/t over 1.00 feet 2) 192.00-193.00: 0.214 g/t over 1.00 feet |
| | Easting: Northing: Elevation: | | | | | All other samples are <0.200 g/t |
| GPS Co-ordinates: | Zone: | 15 U | | | | |
| (if applicable) | Datum: | NAD83 | | | | |
| | Easting: Northing: | 435670 mE 5425817 mN | | | | |
| Collar Dip: | | -70° S | | | | |
| Collar Azimuth: | | 155° TN | | | | |
| Hole Length: | | 320 feet | | | | |
| Core Size: | | BQ | | | | |
| Recovery: | | 99+ % | | | | |
| Casing(ft) Left In Hole: | | None. Labelled wood plug. | | | | |
| Water Source: | | Bulk Sample trench 30' to the south. | | | | |
| Drilled By: | | Wally Magnuson, Custom Drilling | | | | |
| | Start: | 6-Jul-10 | | | | |
| | Finish: | 9-Jul-10 | L | | | |
| Logged By: | | R. Crosby, M.Sc., P.Geo (APGO #1784) | | | | |
| Date: | Start: | 20-Jul-10 | | | | |
| | Finish: | 22-Jul-10 | | | | |
| Sampled By: | | R Crosby | | | | |

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| | | KINGS | BAY | Goli | | DRPC | RATI | ON - | DIAMO | |
|----------|--------|--|------------------|--------|------------------|--------|--------|----------|--------------|--|
| MIN-10-0 | 3 | | | | | | | | | |
| From | То | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 0.00 | 4.00 | Overburden - None. Drill set up on bedrock. 4.0' casing in broken bedrock. | | | | | | | | |
| 4.00 | 25.00 | Mafic metavolcanic. Fragmental. Med to fine-grained, dark grey to greenish grey, chlorite-carbonate altered, massive, homogeneous. Carb-filled hairline to 1-2mm scale veinlets 35-55 deg tca. | | | | | | | | |
| 25.00 | 48.70 | Mafic metavolcanics, as above, but with fewer veinlets and less carbonate alteration. | | | | | | | | |
| 48.70 | 64.80 | Shear Zone in mafic metavolcanics. Internal foliation angles vary from 35-55 deg tca. Tr Py. | | | | | | | | |
| 64.80 | 99.70 | Mafic metavolcanics, med to dark grey, fine-to medium grained (salt and pepper look), moderately hard, massive, equigranular, homogeneous. Amphibolite grade metamorphism, partially | | | | | | | | |
| 99.70 | 104.10 | Mafic metavolcanics, more strongly chlorite altered. Lighter green-grey in colour. Transition zone to chlorite carbonate altered shear zone. | | | | | | | | |
| 104.10 | 110.10 | Shear Zone in mafic metavolcanics, chlorite-carbonate altered | 378403 | 108.50 | 110.10 | 1.60 | 12 | <0.001 | 0.012 | Chlorite-carbonate sheared mafic metavolcanics |
| 110.10 | 113.80 | Silicified, pyritic zone. Qtz-biot-epidote-pyrite- accessory chlorite. Medium grey-brown colour, very fine-grained, extremely hard. Massive, equigranular, homogeneous. Very fine-grained, sub-mm scale pyrite disseminated throughout. HW contact 40 deg tca. | 378404 | 110.10 | 111.80 | 1.70 | <5 | <0.001 | <0.005 | ~4-5% pyrite |
| | | | 378405 | 110 10 | 113.80 | 3.70 | 14 | <0.001 | 0.014 | ~4-5% pyrite |
| 113.80 | 134.40 | Disrupted zone in mafic metavolcanics. Mottled, foliated, laminated, silicified, stretched. Massive. Tr Py scattered throughout. | 378406 | | 114.80 | 1.00 | | <0.001 | | Tr Py |
| | | | 378407 | 114.80 | 116.50 | 1.70 | 19 | <0.001 | 0.019 | |
| | | | 378408 | | | | | | | <0.5% Py |
| | | | 378409 | | 120.00 | | | | | Тгру |
| | | | 378410 | | | | | | | Тгру |
| | | | 378411 | | | | | | | Тгру |
| | | | 378412 | | | | | | | Tr py |
| | | | 378413 378414 | | 128.00 130.00 | | | | | <0.5% Рү <0.5% Ру |
| | | | 378414 | | 132.00 | | | | | <0.5% Py |
| | | | 378416 | | | | | | | <0.5% Py |
| | | | 378417 | | 134.40 | | | | | Тгру |

| | | KINGS | BAY | goli | | DRPC | RATI | ON - | DIAMO | ND DRILL LOG |
|---------|--------|--|------------------|------------------|--------|--------|----------|------------------|-------------|--|
| IN-10-0 | 3 | | | | | | | | | |
| From | То | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Aug/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 134.40 | 145.50 | Mafic metavolcanics, (as from 64.8-99.7'): i.e., med to dark grey, fine-to medium grained (salt and pepper look), moderately hard, massive, equigranular, homogeneous. Amphibolite grade metamorphism, partially retrograded to chlorite. Hairline to mm-scale carbonate-chlorite-pyrite filled veinlets cut unit at 45 deg tca. Tr Py in matrix of main unit. | 378418 | 134.40 | 135.80 | 1.40 | 11 | <0.001 | 0.011 | Mafic metavolcs, mg, equigranular, tr Py, retrograde chlorite after hornblende |
| 145.50 | 151.50 | Mafic metavolcanics. Very calcareous at 145.5'. | | | - | | | | | |
| 151.50 | 158.00 | Shear Contact Zone in mafic metavolcanics, with feldspar porphyry. Contact 20deg tca. Chlorite- carbonate-pyrite alteration dominates. Foliation 25-35 deg tca. Pyrite locally to ~10 %, cm scale at contact with feldspar porphyry. | 378419 | 151.50 | 152.70 | 1.20 | 10 | <0.001 | 0.010 | Mafic metavolcanic, fragmental, chl-carb altd. |
| | | | 378420 | 152.70 | 153.70 | 1.00 | 7 | <0.001 | 0.007 | Mafic metavolcanic, fragmental, chl-carb altd. |
| | | | 378421 | | | _ | | <0.001 | | 1-2% Py inSheared, foliated, Mafic metavolcanic, fragmental, chl-carb altd. |
| | | | 378422 | 154.70 | 155.70 | | | <0.001 | | Sheared, foliated, Mafic metavolcanic, fragmental, chl-carb altd. |
| | | | 378423 | | | | | <0.001 | | 2% Py in Sheared, foliated, Mafic metavolcanic, fragmental, chl-carb altd. |
| | | | 378424 | 156.70 | 158.00 | 1.30 | 7 | <0.001 | 0.007 | 2% Py in Sheared, foliated, Mafic metavolcanic, fragmental, chl-carb altd. |
| 158.00 | 166.40 | Feldspar Porphyry. Med to light grey, fine to med. grained, very hard, homogeneous. Mm-scale palgioclase phenocrysts characterized by indistinct xl edges. Sheared hw& fw contacts, both ~5 deg tca, with the shearing mainly occurring in the mafic metavolcanics. | 378425 | 158.00 | 159.00 | 1.00 | <5 | <0.001 | <0.005 | Feldspar Porphyry |
| | | | 378426 | 159.00 | 160.00 | 1.00 | 20 | <0.001 | 0.020 | Feldspar Porphyry |
| | | | 378427 | 160.00 | 161.20 | 1.20 | 12 | <0.001 | 0.012 | Feldspar Porphyry |
| | | | 378428 | | | | | <0.001 | | Feldspar Porphyry |
| | | | 378429 | | | | _ | <0.001 | | Feldspar Porphyry |
| _ | | | 378430 | | | | 20 | <0.001 <0.001 | | Feldspar Porphyry |
| | | | 378431 378432 | 164.00 165.40 | | | <5 <5 | <0.001 | | Feldspar Porphyry |
| | | | 0.0.02 | | | 1.50 | | | -0.505 | |
| 166.40 | 173.85 | Silicified, pyritic zone, within feldspar porphyry. Sharp contacts at 40 deg or less tca with the feldspar porphyry. Qtz-biot-epidote-pyrite-accessory chlorite. A mottled, light greenish-grey colour, very fine- grained, extremely hard. Contains silica, epidote, sericite, pyrite and trace chlorite & biotite. Massive, equigranular, homogeneous. Very fine-grained, sub- mm scale pyrite disseminated throughout. | 378433 | 166.40 | 167.80 | 1.40 | 10 | <0.001 | 0.010 | Vfgr ~5% Py in Silicified-epidotized, chloritic,pyritic feldspar porphyry |
| | | · | 378434 | | 169.00 | | 7 | <0.001 | | Vfgr ~5% Py in Silicified-epidotized, chloritic,pyritic feldspar porphyry |
| | | | 378435 | 169.00 | 170.00 | 1.00 | <5 | <0.001 | < 0.005 | Vfgr ~5% Py in Silicified-epidotized, chloritic,pyritic feldspar porphyry |

KINGS BAY GOLD CORPORATION - DIAMOND DRILL LOG

| /IN-10-0 | 3 | | | | | | | | | |
|----------|--------|--|------------------|------------------|------------------|--------------|----------|------------------|--------------|--|
| From | To | Lithological Description | Sample | From | To | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| | | | 378436 | 170.00 | 170.85 | 0.85 | 6 | < 0.001 | 0.006 | Vfgr ~5% Py in Silicified-epidotized, chloritic,pyritic feldspar porphyry |
| _ | | | 378437 | 170.85 | 171.85 | 1.00 | <5 | <0.001 | | Vfgr ~5% Py in Silicified-epidotized, chloritic, pyritic feldspar porphyry |
| | | | 378438 | 171.85 | 172.85 | 1.00 | 6 | <0.001 | 0.006 | Vfgr ~5% Py in Silicified-epidotized, chloritic,pyritic feldspar porphyry |
| | | | 378439 | 172.85 | 173.85 | 1.00 | 77 | 0.002 | 0.077 | Vfgr ~5% Py in Silicified-epidotized, chloritic,pyritic feldspar porphyry |
| | | | | | | | | | | |
| 173.85 | 186.20 | Feldspar Porphyry, as above. | 378440 | | 174.85 | 1.00 | <5 | < 0.001 | | Feldspar Porphyry |
| | | | 378441 | 184.20 | 185.20 | 1.00 | 15 | < 0.001 | | Feldspar Porphyry |
| | | | 378442 | 185.20 | 186.20 | 1.00 | 207 | 0.006 | 0.207 | ~8-10% diss vfgr Py in silicified Feldspar Porphyry |
| 186.20 | 188.75 | 1/2 & 1/2 silicified FSP and silicified Chl-Carb SZ | 378443 | 186.20 | 187.50 | 1.30 | 153 | 0.004 | 0.153 | ~8-10% diss vfgr Py in silicified Feldspar Porphyry |
| 100.20 | 100.75 | contact subparallel to ~5-10 deg tca | 576445 | 100.20 | 107.50 | 1.50 | 155 | 0.004 | 0.155 | |
| | | | 378444 | 187.50 | 188.75 | 1.25 | 10 | <0.001 | 0.010 | Feldspar Porphyry |
| | | | | 101100 | | | | | | |
| 188.75 | 191.50 | Feldspar Porphyry, as above. Silicified. | 378445 | 188.75 | 190.00 | 1.25 | 94 | 0.003 | 0.094 | <1% Py in mm-scale qtz veinlet in Feldspar Porphyry |
| | | | 378446 | 190.00 | 191.00 | 1.00 | 16 | < 0.001 | 0.016 | Feldspar Porphyry |
| | | | 378447 | 191.00 | 192.00 | 1.00 | 11 | <0.001 | | Feldspar Porphyry |
| | | | 378448 | 192.00 | 193.00 | 1.00 | 214 | 0.006 | 0.214 | Feldspar Porphyry |
| | | | | | | | | | | |
| 191.50 | 239.50 | Shear Zone - Chlorite-carbonate. Contact parallel tca. | 378449 | 193.00 | 194.00 | 1.00 | 64 | 0.002 | 0.064 | Chlorite-carbonate-qtz schist in shear zone |
| | | Carbonate -filled stringers, wisps and veinlets are | L 1 | | | | | | | |
| | | parallel tca. | | | | | | | | |
| | | | 378450 | 194.00 | 195.00 | 1.00 | 10 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746551 | 195.00 | 196.00 | 1.00 | 138 | 0.004 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746552 | 196.00 | 197.00 198.00 | 1.00 1.00 | 9 | < 0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746553 746554 | 197.00 198.00 | 200.00 | 2.00 | | <0.001 <0.001 | | Chlorite-carbonate-qtz schist in shear zoneChlorite-carbonate-qtz schist in shear zone |
| | | | 746555 | 200.00 | 202.00 | 2.00 | 7 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746556 | | 202.00 | 2.00 | 8 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746557 | 204.00 | 206.00 | 2.00 | 8 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746558 | 206.00 | 208.00 | 2.00 | 10 | <0.001 | | Chlorite-carbonate-gtz schist in shear zone |
| | | | 746559 | | 210.00 | 2.00 | 12 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746560 | 210.00 | 212.00 | 2.00 | 8 | < 0.001 | | Chlorite-carbonate-gtz schist in shear zone |
| | | | 746561 | 212.00 | 214.00 | 2.00 | 7 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746562 | 214.00 | 216.00 | 2.00 | 26 | < 0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746563 | 216.00 | 218.00 | 2.00 | 13 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746564 | 218.00 | 220.00 | 2.00 | 7 | <0.001 | 0.007 | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746565 | 220.00 | 222.00 | 2.00 | 15 | <0.001 | 0.015 | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746566 | 222.00 | 224.00 | 2.00 | <5 | <0.001 | < 0.005 | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746567 | 224.00 | 226.00 | 2.00 | <5 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746568 | 226.00 | 228.00 | 2.00 | 6 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746569 | 228.00 | 230.00 | 2.00 | <5 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746570 | 230.00 | 232.00 | 2.00 | <5 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746571 | | 234.00 | 2.00 | 6 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746572 | 234.00 | 236.00 | 2.00 | 12 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746573 | | 238.00 | 2.00 | 22 | <0.001 | | Chlorite-carbonate-qtz schist in shear zone |
| | | | 746574 | 238.00 | 239.50 | 1.50 | 13 | <0.001 | 0.013 | Chlorite-carbonate-qtz schist in shear zone |
| 239.50 | 272 50 | Mafic Metavolcanics. Foliated. | 746575 | 239.50 | 241 50 | 3.00 | 12 | -0.004 | 0.010 | Mafia matavalantin |
| 135.50 | 272.50 | mane metavoicames, ronates. | | 239.50 | | 2.00 1.50 | 12 14 | <0.001 | | Mafic metavolcanics Altered interval w/ ~1-2% Py in mafic metavolcanics |

| KINGS BAY GOLD CORPORATION - DIAMOND DRILL LOG | | | | | | | | | | | | |
|--|--------|--|--------|------|------|--------|--------|----------|--------------|--|--------------------|--|
| MIN-10-03 | | | | | | | | | | | | |
| From | To | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | | Sample Description | |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | | | |
| 272.50 | 274.60 | Alteration zone | | | | | | | | | | |
| 274.60 | | Mafic metavolcanics - silicified, foliated, with | | | | | | | | | | |
| | | carbonate-filled hairline veinlets. | | | | | | | | | | |
| 320.00 | EOH | | | | | | | | | | | |
| | | | | | | | | | | | | |

| Project: | Menary Project | | ACID DIP TESTS | | | Comments | | |
|--------------------------|----------------|--------------------------------------|----------------|-----|--|---|--|--|
| Hole Number: | MIN-10-0 | COLLAR | -80 | | DDH MIN-10-04 was drilled northwards to scissor with MIN-10-03 | | | |
| note multiper. | | /4 | 280.0' | -80 | | | | |
| Units of Measurement: | | Imperial | | -81 | | The entire core consists of massive mafic metavolcanics cut by a few feldspar porphyry dykes, the contacts to which are generally sheared, and a few shear zones internal to the mafic metavolcanics. Other shears are quartz-filled and carry a light coloured pyrite. | | |
| Location | NTS Sheet: | 52F04 | | | | | | |
| | Township: | Menary | | | | RESULTS: 78.30-79.30': 0.325 g/t over 1.00 feet | | |
| | Claim No: | K1079876 | | | | | | |
| | Grid: | | | | | All other samples are <0.200 g/t | | |
| | Easting: | | | | | | | |
| | Northing: | | | | | | | |
| | Elevation: | | _ | | | | | |
| GPS Co-ordinates: | Zone: | 15 U | | | | | | |
| | Datum: | NAD83 | | | | | | |
| | Easting: | 0435660 mE | | | | | | |
| | Northing: | 5425819 mN | | | | | | |
| Collar Dip: | | -80° N | | | | | | |
| Collar Azimuth: | | 335° TN | | | | | | |
| Hole Length: | | 330 feet | | | | | | |
| Core Size: | | BQ | | | | | | |
| Recovery: | | 99% | | | | | | |
| Casing(ft) Left In Hole: | | None. Wood plug. | | | | | | |
| Water Source: | | Bulk Sample trench 30' E | | | | | | |
| Drilled By: | | Wally Magnuson, Custom Drilling | | | | | | |
| | Start: | 20-Jul-10 | | | | | | |
| | Finish: | 22-Jul-10 | | | | | | |
| Logged By: | | R. Crosby, M.Sc., P.Geo (APGO #1784) | | | | | | |
| Date: | Start: | 24-Jul-10 | | | | | | |
| | Finish: | 27-Jul-10 | | | | | | |
| Sampled By: | | R Crosby | | | | | | |

| | | KINGS BA | Y GC | DLD | COF | RPOF | RATIC | N - I | DIAMON | D DRILL LOG |
|---------|--------|--|--------|-------|-------|--------|--------|----------|--------------|---|
| IN-10-0 | 4 | | | | | | | | | |
| From | То | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | - # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 0.00 | 0.00 | Overburden - none. Drill set up on bedrock. 3' casing, removed. | | | | | | | | |
| 0.00 | 75.60 | Mafic metavolcanics. Amphibolite grade metamorphism. Massive. Equigranular and homogeneous. Occasionally cut by small carbonate- chlorite +/- qtz +/- albite filled alt'n zones, veinlets & shears. Foliation 40 deg tca @ 75.0'. Highly broken from 3.5-4.6'. Not magnetic. There may be remnants of what was originally small amounts of amgydaloidal basalt, almost obliterated by metamorphism and stretching. | | | | | | | | |
| 75.60 | 80.85 | Shear Zone in Mafic metavolcanics. Greenish-grey, vfgr, moderately hard. Massive. Chlorite-carbonalte schist intensifying toward the HW contact of feldspar porphyry. Sharp highly sheared 40 deg tca contact with feldspar porphyry. Carbonate stringers and wisps also at 40 deg tca. | 746577 | 75.60 | 77.10 | 1.50 | 26 | <0.001 | 0.026 | Sheared mafic metavolcanics; tr Py |
| | | | 746578 | 77.10 | 78.30 | 1.20 | 31 | < 0.001 | 0.031 | Tr Py in sheared mafic metavolcanics with light chl-carb schist |
| | | | 746579 | 78.30 | 79.30 | | 325 | 0.01 | | Tr Py in sheared mafic metavolcanics with light chl-carb schist |
| | | | 746580 | 79.30 | 80.85 | | 49 | 0.00 | | Tr Py in sheared mafic metavolcanics with light chl-carb schist |
| | | | | | | 1.00 | | | | |
| 80.85 | 90.10 | Feldspar Porphyry. Light to medium-grey, fgr-mgr matrix, hard, massive, homogeneous w/~20% <2mm, indistinct white spots of plag phenocrysts. | 746581 | 80.85 | 82.00 | 1.15 | 11 | <0.001 | 0.011 | Tr Py in Feldspar porphyry. |
| | | | 746582 | 82.00 | 83.00 | 1.00 | 5 | <0.001 | 0.005 | Feldspar porphyry; tr. Py, 1" silicified vein. |
| | | | 746583 | 83.00 | | | | < 0.001 | | Feldspar porphyry; tr. Py in joints. |
| | | | 746584 | 84.00 | 85.00 | | | < 0.001 | | Feldspar porphyry, minor silicified veinlet. |
| | | | 746585 | 85.00 | 86.00 | - | | < 0.001 | | Feldspar porphyry, minor silicified veinlet. |
| | | | 746586 | 86.00 | 87.00 | | | < 0.001 | | Feldspar porphyry, minor silicified veinlet with chl-carb core. Tr Py |
| | | | 746587 | 87.00 | 88.00 | | | < 0.001 | | Feldspar porphyry, tr. Py |
| | | | 746588 | 88.00 | 89.00 | 1.00 | 17 | < 0.001 | 0.017 | Feldspar porphyry |
| | | | 746589 | 89.00 | 90.10 | 1.10 | 5 | <0.001 | 0.005 | Feldspar porphyry |
| | | | | | | | | | | |
| 90.10 | 105.30 | Mafic metavolcanics. As above Amphibolitic. Carbonate in fractures. | 746590 | 90.10 | 91.00 | 0.90 | 10 | <0.001 | 0.010 | Sheared contact in Mafic metavolcanics; tr. Py |
| 105.30 | 107.70 | Shear zone in contact with highly silicified feldspar porphyry. Sharp, undulating contact ~65 deg tca. Tr Py, Tr Cpy in small 1" shear at 105.4', ~45 deg tca. Carbonate in fractures. | | | | | | | | |
| | | | | | | | | | | |

KINGS BAY GOLD CORPORATION - DIAMOND DRILL LOG

| IN-10-0 | 4 | | | | | | | | | |
|---------|--------|---|--------|---------|--------|--------|--------|----------|---------------|--|
| From | То | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 107.70 | 110.40 | Silicified Zone. Vfgr. Massive, homogeneous, | 746591 | 104.30 | 105.30 | 1.00 | 32 | < 0.001 | 0.032 | Minor Po, Cpy stringers/wisps in sheared mafic metavolcanics. |
| | | equigranular. 2-3% vfgr Py. FW contact, sharp, ~65 | | | | | | | | |
| | | deg tca. Minor carbonate in fractures | | | | | | | | |
| | | | 746592 | 105.30 | 106.30 | 1.00 | 21 | <0.001 | 0.021 | Minor Po, Cpy stringers/wisps in sheared mafic metavolcanics. |
| | | | 746593 | 106.30 | 107.70 | 1.40 | 11 | <0.001 | 0.011 | Sheared mafic metavolcanics |
| | | | 746594 | 107.70 | 108.00 | 0.30 | 11 | < 0.001 | 0.011 | Silicified mafic metavolcanics |
| | | | 746595 | 108.00 | 109.00 | 1.00 | 8 | < 0.001 | 0.008 | Silicified mafic metavolcanics; ,0.5% py in joints. |
| | | | 746596 | 109.00 | 110.40 | 1.40 | 9 | < 0.001 | 0.009 | Silicified mafic metavolcanics, vvfgr Py ~1%. |
| | | | | | | | | | | |
| 110.40 | 277.80 | | 746597 | 110.40 | 111.40 | 1.00 | 7 | < 0.001 | 0.007 | Mafic metavolcanics. |
| | | Mafic metavolcanics. As above Amphibolitic. | | | | | | | | |
| | | Carbonate in fractures. Chlorite after amphibole in | | | | | | | | |
| | | minor zones of shearing with trace pyrite. | | | | | | | | |
| | | | 746598 | 133.60 | 135.00 | 1.40 | 13 | < 0.001 | 0.013 | Sheared mafic metavolcanics w/ epid-chl-carb-qtz filled thin veinlets. |
| | | | 746599 | | | 1.00 | 14 | <0.001 | 0.014 | Sheared mafic metavolcanics w/ epid-chl-carb-qtz filled thin veinlets. |
| | | | 746600 | 136.00 | 137.00 | 1.00 | 13 | < 0.001 | 0.013 | Sheared mafic metavolcanics w/ epid-chl-carb-qtz filled thin veinlets. |
| | | 133.6-142: Shear Zone in Mafic metavolcanics. | 746601 | 137.00 | 138.00 | 1.00 | 8 | < 0.001 | 0.008 | Sheared mafic metavolcanics w/ epid-chl-carb-qtz filled thin veinlets. |
| | | | 746602 | 138.00 | 139.00 | 1.00 | 16 | <0.001 | 0.016 | Very disrupted sheared mafic metavolcanics. Tr. Py |
| | | | 746603 | 139.00 | 140.00 | 1.00 | 60 | 0.00 | | Mafic metavolcanics |
| - | | | 746604 | 140.00 | 141.00 | 1.00 | 10 | <0.001 | 0.010 | Mafic metavolcanics |
| | | | 746605 | 141.00 | 142.00 | 1.00 | 6 | < 0.001 | 0.006 | Mafic metavolcanics w/ 1/2" qtz-carb-chl vein, accessory Py; 10 deg tca |
| | | | 746606 | 142.00 | 143.00 | 1.00 | 8 | < 0.001 | 0.008 | Sheared mafic metavolcanics w/ epid-chl-carb-qtz filled thin veinlets. |
| | | | | | 151.50 | | <5 | < 0.001 | | Very disrupted sheared mafic metavolcanics. Tr. Py. Albitized patches. |
| | | | | | 152.50 | | 10 | < 0.001 | | Very disrupted sheared mafic metavolcanics. <1% Py. Albitized patches. |
| | | | | | 153.50 | | 9 | < 0.001 | | Sheared mafic metavolcanics. Tr. Py. Foliated 10 deg tca. |
| | | | | | | | | | | |
| | | Sulphidic gtz veins at 195.7, 205.0 & 238' Minor | 746610 | 195.70 | 196.70 | 1.00 | <5 | < 0.001 | <0.005 | Chl-brecciated shear w/ tr Py in carb-filled thin veinlets 10 deg tca |
| | | amounts (<1%) of Po, Cpy and Py. | | | | | - | | | |
| | | | 746611 | 203.60 | 205.00 | 1.40 | 6 | < 0.001 | 0.006 | Qtz vein irregular contact 10-35 deg tca; <1% Po in hw chl-epid-alb metavolcs. |
| | | | | 200.00 | 200.00 | 1.10 | · · | -0.001 | 0.000 | |
| | | | 746612 | 237.90 | 238 60 | 0.70 | 9 | < 0.001 | 0.009 | 1/4" qv w/ 15% Po in sheared mafic metavolcanics |
| | | | | 207.50 | 200.00 | 0.70 | | -0.001 | 0,000 | |
| 277.80 | 295.60 | Shear Zone, in mafic metavolcanics, brecciated with | | | | | | | | |
| | | anastomosing, carbonated filled hairline veinlets; | | | | | | | | |
| | | biotitic, w/ 'central' qv. | | | | | | | | |
| | | | | | | | | | | |
| 295.60 | 300.60 | Shear. Qtz-Carb-Biotite-pyrite intensely | 746613 | 277.80 | 279.00 | 1.20 | <5 | < 0.001 | <0.005 | Chl-biot alt'd maf fragmental metavolcanics, w/ carb-filled hairline veinlets. |
| | | sheared/altered locus of the shearing in fragmental | | | | | - | | | |
| | | mafic metavolcanics. HW sheared contact 60 deg tca. | | | | | | | | |
| | | | | | | | | | | |
| | | | 746614 | 279.00 | 280.00 | 1.00 | <5 | < 0.001 | <0.005 | Chl-biot alt'd maf fragmental metavolcanics, w/ carb-filled hairline veinlets. |
| | | | | 2. 2.00 | 200.00 | 2.00 | | -0.001 | -0.005 | |
| | | | 746615 | 280.00 | 281.50 | 1.50 | <5 | <0.001 | <0.005 | Chl-biot alt'd maf fragmental metavolcanics, w/ carb-filled hairline veinlets. |
| | | | | 200.00 | | 1.50 | ~ ~ ~ | -0.001 | -0.005 | and the area manufactor inclusion of the area inclusion of the second of |
| | | | 746616 | 281 50 | 283.00 | 1.50 | <5 | <0.001 | <0.005 | Biot-Chl alt'd maf fragmental metavolcanics, w/ carb-filled hairline veinlets. |
| | | | /10010 | -01.50 | 203.00 | 1.50 | 5 | -0.001 | -0.003 | biot chi dit o mai d'aginental metavolcanics, w/ caro-meta fiamme velmets. |

| N-10- | 04 | | | | | | | | | |
|--------|--------|---|--------|--------|--------|--------|--------|----------|--------------|--|
| From | То | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| | | | 746617 | 283.00 | 285.00 | 2.00 | 5 | <0.001 | 0.005 | Biot-Chl alt'd maf fragmental metavolcanics, w/ carb-filled hairline veinlets. |
| | | | 746618 | 285.00 | 287.00 | 2.00 | 6 | <0.001 | 0.006 | Biot-Chl alt'd maf fragmental metavolcanics, w/ carb-filled hairline veinlets. |
| | | | 746619 | 287.00 | 289.00 | 2.00 | <5 | <0.001 | <0.005 | Biot-Chl alt'd maf fragmental metavolcanics, w/ carb-filled hairline veinlets. |
| | | | 746620 | 289.00 | 290.00 | 1.00 | <5 | <0.001 | <0.005 | Biot-Chl alt'd maf fragmental metavolcanics, w/ carb-filled hairline veinlets. |
| | | | 746621 | 290.00 | 291.00 | 1.00 | 6 | <0.001 | 0.006 | Biot-Chl alt'd maf fragmental metavolcanics, w/ carb-filled hairline veinlets. |
| | | | 746622 | 291.00 | 292.10 | 1.10 | 5 | <0.001 | 0.005 | Biot-Chl alt'd maf fragmental metavolcanics, w/ carb-filled hairline veinlets. |
| | | | 746623 | 292.10 | 293.00 | 0.90 | <5 | <0.001 | <0.005 | Biotite-carb-chl maf fragmental mv, w/ carb-filled hairline veinlets. |
| | | | 746624 | 293.00 | 294.00 | 1.00 | 5 | <0.001 | 0.005 | Biotite-carb-chl maf fragmental mv, w/ carb-filled hairline veinlets. |
| | | | 746625 | 294.00 | 295.00 | 1.00 | 5 | <0.001 | 0.005 | Biotite-carb-chl maf fragmental mv, w/ carb-filled hairline veinlets. |
| | | | 746626 | 295.00 | 296.00 | 1.00 | 7 | < 0.001 | 0.007 | Biotite-carb-chl maf fragmental mv, w/ carb-filled hairline veinlets. |
| | | | 746627 | 296.00 | 297.00 | 1.00 | 6 | <0.001 | 0.006 | As above, w/ ~1% euhedral Py in 1/4" carb-filled vein |
| | | | 746628 | 297.00 | 297.60 | 0.60 | 8 | < 0.001 | 0.008 | ~5% Py over 1-2" in the biot-chl schist in contact w/ the qtz-Biot zone |
| | | | 746629 | 297.60 | 298.60 | 1.00 | 30 | <0.001 | 0.030 | Qtz-Biot-Carbonate Schist; `1-2% Py, some of it very, very fine-grained. |
| | | | 746630 | 298.60 | 299.60 | 1.00 | 9 | < 0.001 | 0.009 | Qtz-Biot-Carbonate Schist; '1-2% Py, some of it very, very fine-grained. |
| | | | 746631 | 299.60 | 300.60 | 1.00 | 8 | < 0.001 | | Qtz-Biot-Carbonate Schist; '1-2% Py, some of it very, very fine-grained. |
| | | | 746632 | 300.60 | 301.50 | 0.90 | 10 | <0.001 | 0.010 | Chlorite-epidote-carbonate alt'd mafic metavolcanic |
| 300.60 | 330.00 | Mafic Metavolcanics, as above. Fragmental, chloritic, carbonate-mottled | | | | | | | | |

| Project: | | | 1.015 | | | |
|--------------------------|------------|--------------------------------------|--------|-------|----------|--|
| Hole Number: | Menary I | Project | DEPTH | DIP T | AZIMUTH | <u>Comments</u> |
| - | MIN-10-0 | - | | | ALINIOTH | DDH MIN-10-05 was drilled from the same set-up as, but in the opposite direction from |
| Hole Number: | WIIN-10-0 | 15 | COLLAR | -45 | | MIN-10-05 was drilled from the same set-up as, but in the opposite direction from MIN-10-01 and MIN-10-02. |
| | | | 309' | -48 | | |
| Units of Measurement: | | Imperial | 615' | -49 | | The entire core consists of massive mafic metavolcanics cut by a few feldspar porphyry |
| Location | NTS Sheet: | 52504 | | | | dykes, the contacts to which are generally sheared. Other shears are quartz-filled and |
| Location | Township: | Menary | | | | carry a light coloured pyrite. |
| | Claim No: | K1079876 | | | | RESULTS: 101.00-102.50: 0.336 g/t over 1.50 feet |
| | Grid: | 1013010 | | | | |
| | Easting: | | | | | All other samples <0.200 gpt |
| | Northing: | | | | | |
| | Elevation: | | | | | |
| | | | | | | |
| GPS Co-ordinates: | Zone: | 15 U | | | | |
| if applicable) | Datum: | NAD83 | | | | |
| | Easting: | 0435645 mE | | | | |
| | Northing: | 5425855 mN | | | | |
| | | | | | | |
| Collar Dip: | | -45° N | | | | |
| Collar Azimuth: | | 335° TN | | | | |
| Hole Length: | | 660 Feet | | _ | | |
| Core Size: | | BQ | | | | |
| Recovery: | | 99% | | | | |
| Casing(ft) Left In Hole: | | None. Wood plug. | | | | |
| Nater Source: | | Old surface trench 100' away | | | | |
| Drilled By: | | Wally Magnuson, Custom Drilling | | | | |
| | Start: | 25-Jul-10 | | | | |
| | Finish: | 31-Jul-10 | | | | |
| .ogged By: | | R. Crosby, M.Sc., P.Geo (APGO #1784) | | | | |
| Date: | Start: | 21-Aug-10 | | | | |
| Sampled By: | Finish: | 24-Aug-10 R Crosby | | | | |

| IIN-10-0 From | 5 To | tist de sigel Description | Comple | | То | Length | Au ppb | Au opt | A., a/t (nom) | Sample Description |
|------------------|---------|--|-------------|-------------|--------|--------|--------|----------|---------------|--|
| | (ft) | Lithological Description | Sample # | From | | | 5 DL | 0.001 DL | 0.005 DL | |
| (ft) | | Overburden - none. Drill set up on bedrock. 2' casing | # | <u>(ft)</u> | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 0.00 | | removed. | | | | | | | | |
| 94.00 | 99.80 | Mafic metavolcanics. Unit is medium to dark grey, fine-grained, hard, equigranular, massive, homogeneous. It is characterized by annealed brittle fracturing & shearing. Disrupted. Contains infrequent strongly annealed qtz-carb-epidote shears & zones with a high degree of carobonatization. Amphibolite grade metamorphism evident; retrograded to chlorite & minor biotite in shear zones. A general fabric exists throughout @20-35 deg tca, defined by stretched masses of chlorite-rich rock & carbonate-filled fractures. Not magnetic. Main mass of the unit is not calcareous, but is slightly calcareous where carbonate fills fractures & is highly calcareous where infrequent patches & masses to 10cms of carbonate 5.9'-10.3': Brittle fault subparallel tca. | | 98.50 | 99.80 | 1.30 | 93 | 0.00 | 0.093 | HW maf volc shr'd silicified contact w/ QV; ~3-4% stringer & mm-scale euh. Py |
| | | with kspar-qtz vein; 30-35 deg tca. | | | | | | | | masses. |
| 99.80 | | 99.8 - 102.5': Vein. Pink and grey kspar-quartz vein, (all grey qtz at HW contact). <1% Py throughout as mm-scale wisps/stringers in hairline fractures. Both contacts are sheared with the effects of shearing most evident in the mafic metavolcanics. | | 99.80 | 101.00 | 1.20 | 171 | 0.01 | 0.171 | Vein of grey qtz & pink kspar-qtz; <1% Py stringers/wisps in hairline fractures |
| | | | | 101.00 | 102.50 | 1.50 | 336 | 0.01 | 0.336 | Vein of pink kspar-qtz w/ grey qtz blebs; Tr. Py. |
| 102.50 | | Shear zone in mafic metavolcanics situated between the kspar-qtz vn and the feldspar porphyry. | | 102.50 | 103.70 | 1.20 | 20 | <0.001 | 0.020 | FW maf volc sheared sil'd contact zone w/ pink kspar-qtz vn; ~1% Py wisps in fractures. |
| | | | | 103.70 | 104.80 | 1.10 | 64 | 0.00 | 0.064 | FW maf volc sheared silicif'd contact zone w/ pink kspar-qtz vn; ~3-4% Py wisps fracs. |
| | | | | 104.80 | 105.80 | 1.00 | 78 | 0.00 | 0.078 | FW maf volc shr'd silicified contact zone w/ pink kspar-qtz vn; $^{2-3\%}$ Py wisps i fracs. |
| | | | | 105.80 | 106.80 | 1.00 | 44 | 0.00 | 0.044 | FW maf volc sheared silicified contact zone w/ pink kspar-qtz vn; <1% Py |
| | | | | 106.80 | 107.80 | 1.00 | | 0.00 | 0.052 | FW maf volc sheared silicified contact zone w/ pink kspar-qtz vn; ~5% Py |
| | | | | 107.80 | 109.00 | 1.20 | 61 | 0.00 | 0.061 | FW maf volc sheared silicified contact zone w/ pink kspar-qtz vn; ~2-3% Py |
| | | | | 109.00 | 110.00 | 1.00 | 49 | 0.00 | 0.049 | FW maf voic sheared; tr. Py |
| | | | | 110.00 | | | | 0.00 | | Sheared maf meta volcs,. Pyritized HW contact with feldspar porphyry. <1% Py |

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| | | KINGS BA | | DLD (| COR | POR | ATIO | N - D | | DRILL LOG |
|----------|----------|---|--------|--------|--------|--------|--------|----------|--------------|--|
| IIN-10-0 | <u> </u> | | | | | 1 | | | | |
| From | To | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 111.15 | | Feldspar Porphyry. Light brownish-grey, medium- | | | | | | 0.002.02 | 0.00001 | |
| | 110/10 | grained, hard, massive, homogeneous. Not magnetic. Not calcareous, except in hairline fractures 45 deg tca. 1-2 mm scale white pspar phenocrysts are blurry/indistinct. Lower 24" manifests effects of shearing. Tr Py. | | | | | | | | |
| 116.10 | 134.30 | Mafic metavolcanics. As above. | | | | | | | | |
| | | | | | | | | | | |
| 134.30 | 136.50 | Shear Zone in mafic metavolcanics. Tr Py. Foliation 30 deg tca. | | | | | | | | |
| 136.50 | 140.10 | Shear Zone in silicified feldspar porphyry. Joints 45 deg tca, are crenulated. 0.25-0.50% finely disseminated pyrite. | | | | | | | | |
| 140.10 | 157 55 | Folderer Dembury Massive & Lawrence and | | | | 1 | | | | |
| 140.10 | 137.33 | Feldspar Porphyry. Massive & homogeneous, as above. However, in this case, the 2-3mm white plag phenocrysts are very distinct. <1% euhedral 1-2mm scale disseminated Py; and ~ 5-8% pale green, fibrous knots (chlorite?/tremolite?/actinolite?) are evident. | | | | | | | | |
| | | | | | | | | | | |
| 157.55 | 204.20 | Mafic metavolcanics. As above. Fragmental, sheared, calcareous only in fractures and shears (from parallel to 35 deg tca) | 746644 | 199.00 | 200.00 | 1.00 | 8 | <0.001 | 0.008 | Mafic metavolcs, w/2-5mm Py-Carb vein parallel tca. Py is distinctly yellow. |
| | | | 746645 | 200.00 | 201.20 | 1.20 | 6 | <0.001 | 0.006 | Mafic metavolcs, w/2-5mm Py-Carb vein parallel tca. Py is distinctly yellow. |
| | | | 746646 | 201.20 | 202.20 | 1.00 | 119 | 0.00 | 0.119 | Mafic metavolcs, w/2-5mm Py-Carb vein parallel tca. Py is distinctly yellow. |
| | | | 746647 | 202.20 | 203.50 | 1.30 | <5 | <0.001 | <0.005 | Mafic metavolcs, w/2-5mm Py-Carb vein parallel tca. Py is distinctly yellow. |
| | | | 746648 | 203.50 | 204.20 | 0.70 | 16 | <0.001 | 0.016 | Brecciated mafic metavolcs. Tr Py |
| 204.20 | 212.00 | Shear/breccia zone in mafic metavolcanics. Solidly annealed. 30 deg tca. Strongly calcareous. Epidotized.Chloritized. Possible tremolite/actinolite. | | | | | | | | |
| 212.00 | 336.30 | Mafic metavolcanics. As above. Retrograde chlorite from ~324-359.25' | 746651 | 281.00 | 282.00 | 1.00 | 22 | <0.001 | 0.022 | 0.2' qv in dilation zone in maf metavolcs. |
| | | | 746652 | 288.00 | 289.00 | 1.00 | 68 | 0.00 | 0.068 | ~2% Cpy in 4mm wide crenulated carbonate-filled veinlet 5 deg tca. |
| | | | 746653 | 289.00 | | 1.20 | 17 | <0.001 | | Carb-chlorite filled shear w/ <1% Po. |
| | | | 746654 | 290.20 | | | 24 | <0.001 | | 0.25' qv in shear in maf metavolcs. |
| | | | 746655 | 291.20 | | | 16 | <0.001 | | VG? In qv in mafic metavolcs. |
| | | | 746656 | 301.20 | 302.20 | 1.00 | 17 | <0.001 | 0.017 | Mafic metavolcs. |

| | | | | | | . — — — | | | | |
|----------|--------|---|------------------|------------------|------------------|---------|--------|----------|-------|---|
| MIN-10-0 | - | | | | | | | | | |
| From | То | Lithological Description | Sample | From | To | | Au ppb | | | Sample Description |
| (ft) | (ft) | | # | (ft) | <u>(ft)</u> | (ft) | 5 DL | 0.001 DL | | |
| 212.00 | 336.30 | Mafic metavolcanics (Cont'd) | 746657 | 302.20 | 303.20 | 1.00 | | | | vfgr VG? In qv @302.9'. |
| | | | 746658 746659 | 303.20 304.50 | 304.50 305.50 | 1.30 | | | | qv w/ accessory chlorite and <1% light brown sphalerite. Mafic metavolcs. |
| | | | /40055 | 504.50 | 303.30 | 1.00 | | <u> </u> | 0.011 | |
| 336.30 | 337.00 | K-spar-qtz vein. Sharp knife-edge contact 50 deg tca. | 746684 | 336.30 | 337.00 | 0.70 | 10 | <0.001 | 0.010 | Pink quartz/kspar vein, tr yellowish Py |
| 337.00 | 359.25 | Mafic metavolcanics. As above. | | | | | | | | |
| 359.25 | 373.95 | Feldspar porphyry. As above but without the pale greenish fibrous knots. 5" sheared contact interaction within the fsp por. | | | | | | | | |
| 373.95 | 492.25 | Mafic metavolcanics. As above. | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| 373.93 | 462.55 | 403.0-407.3': Carbonate-rich altn zone with py concentrated at 405.6'. | 746660 | 405.00 | 406.00 | 1.00 | 16 | <0.001 | 0.016 | Carbonate rich in matrix w/ ~3-4% Py subparallel tca. |
| | | 419.2-424.2': Highly annealed qtz-carb-epidote- biotite-chlorite filled shear 20 deg tca. Tr sulphides. | | | | | | | | |
| 482.35 | 498.00 | Dacite. Dark grey, very fine-grained (almost aphanitic), very hard. Homogeneous, massive, and generally equigranular except where it contains lighter coloured inclusions that are folded in S and Z patterns at 482.8', etc | | | | | | | | |
| 498.00 | 507.00 | Shear Zone in dacite. Characterized by dark green chlorite stringers intermixed with white calcite stringers subparallel to 10 deg tca, carbonatization of the matrix, minor quartz veins and very very fine (sub mm) grained pyrite in the matrix where chlorite/carb stringers are absent. | 746661 | 497.90 | 499.00 | 1.10 | 13 | <0.001 | 0.013 | Chlorite-carbonate ribbon rock in shear zone, Tr Py |
| | | | 746662 | 100.00 | 400 70 | 0.70 | 10 | | | |
| | | | 746662 746663 | 499.00 499.70 | | 0.70 | | | | Chlorite-carbonate schist in shear zone, Tr Py Carbonatized, silicified pyritic (vfgr diss to 7%) mafic metavolcs. ~30% qv w/ py i |
| | | | 746664 | 500.70 | 501.75 | 1.05 | 19 | <0.001 | 0.019 | qv Carbonatized, silicified pyritic (vfgr diss to 7%) mafic metavolcs. ~40% qv w/ py i av |
| | | | 746665 | 501.75 | 502.90 | 1.15 | 8 | < 0.001 | 0.008 | Chlorite-carbonate schist in shear zone, Tr Py |
| | | | 746666 | 502.90 | 504.00 | | 20 | | | Chlorite-carbonate schist in shear zone, Tr Py |
| | | | 746667 | 504.00 | 505.30 | 1.30 | 30 | <0.001 | | Chlorite-carbonate schist in shear zone, Tr Py |
| ~ | | | 746668 | 505.30 | 506.60 | 1.30 | 8 | <0.001 | | Carbonatized mafic metavolcanics. |
| 507.00 | 520.90 | Dacite. As above. | | | | | | | | |
| | | | | | | | | | | |
| 520.90 | 528.40 | Mafic metavolcanics. As above | | | | | | | | |

| | | | | | | | | | | D DRILL LOG |
|----------|--------|--|--------|--------|--------|--------|--------|----------|--------------|--|
| MIN-10-0 | 5 | | | | | | | | | |
| From | То | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 528.40 | 540.40 | Shear zone in mafic metavolcanics. Mixture of chloritized mafic metavolcs, chlorite schist, biotite schist, and pink & grey qtz veins variously carbonatized | 746669 | 532.00 | 532.90 | 0.90 | 6 | <0.001 | 0.006 | Chloritized maf volc in contact w/ pink & grey qv |
| | | | 746670 | 532.90 | 534.30 | 1.40 | 10 | < 0.001 | 0.010 | Pink & grey qv, <1% Py |
| | | | 746671 | | | | <5 | <0.001 | | Chloritized maf volc in contact w/ pink & grey qv. Tr Py |
| | | | 746672 | 534.90 | 536.00 | 1.10 | 9 | < 0.001 | 0.009 | Less chloritic maf metavolcs. Tr Py |
| | | | 746673 | 536.00 | 537.00 | 1.00 | 10 | <0.001 | 0.010 | Less chloritic maf metavolcs. Tr Py |
| | | | 746674 | 537.00 | 538.00 | 1.00 | 6 | < 0.001 | 0.006 | Epidotized, chloritic maf metavolcs w/30% qv, <1% Py in qv. |
| | | | 746675 | 538.00 | 539.00 | 1.00 | <5 | <0.001 | <0.005 | Epidotized, chloritic maf metavolcs |
| | | | 746676 | 539.00 | 540.40 | 1.40 | 6 | < 0.001 | 0.006 | Epidotized, chloritic maf metavolcs w/30% qv, <1% Py in qv. |
| 540.40 | 584.60 | Dacite. As above. Contains a few cm to dm scale minor epidote/chlorite/carb alt'n zones & minor kspar pegmatite. | | | | | | | | |
| 584.60 | 591.30 | Mafic metavolcanics, as above. Chloritic and epidotized, especially within 12" of the contact with the pegmatite. Py concentrated within cms of the contact. | 746677 | 590.30 | 591.30 | 1.00 | <5 | <0.001 | <0.005 | HW Contact zone in epidotized mafic metavolcs w/ pink k-spar pegmatite. Tr Py |
| 591.30 | 592.65 | K-Spar Pegmatite. Pink, cgr, massive, homogeneous. Contacts ~45-55 deg tca. Trace Py throughout. | 746678 | 591.30 | 592.65 | 1.35 | 5 | <0.001 | 0.005 | Pink k-spar pegmatite; <1% Py. |
| 592.65 | 598.50 | Mafic metavolcanics, as above. Chloritic/epidotized, esp within 12" of the contact with pegmatite. Py concentrated within cms of the contact. | 746679 | 592.65 | 593.65 | 1.00 | <5 | <0.001 | <0.005 | FW Contact zone in epidotized mafic metavolcs w/ pink k-spar pegmatite. Tr Py. |
| | | | 746680 | 597.50 | 598.50 | 1.00 | 5 | <0.001 | 0.005 | HW Contact zone in epidotzd, biot. maf metavolcs w/ pink k-spar peg. <1% Py |
| 598.50 | 600.00 | K-Spar Pegmatite. Pink, cgr, massive, homogeneous. Contacts ~45-55 deg tca. Trace Py throughout. | 746681 | 598.50 | 599.30 | 0.80 | <5 | <0.001 | <0.005 | Pink k-spar pegmatite; <1% Py. |
| | | | 746682 | 599.30 | 600.00 | 0.70 | 6 | <0.001 | 0.006 | Pink k-spar pegmatite; <1% Py. |
| 600.00 | 605.60 | Dacite, as above, but with minor mgr mafic metavolcanics (basalt), as above. Chloritic/epidotized, esp within 12" of the contact with pegmatite. Py concentrated within cms of the contact. | 746683 | 600.00 | 601.00 | 1.00 | 6 | <0.001 | 0.006 | FW Contact zone in epidotized mafic metavolcs w/ pink k-spar pegmatite. <1% F |
| | | | 746685 | 604.60 | 605.60 | 1.00 | 7 | < 0.001 | 0.007 | Dacite |
| | | | 740005 | 004.00 | 005.00 | 1.00 | | 10.001 | 0.007 | |

| | | KINGS BA | AY GC | DLD (| COR | POR | ATIO | N - D | | D DRILL LOG |
|----------|--------|---|--------|--------|--------|--------|--------|----------|--------------|--|
| MIN-10-0 | 5 | | | | | | | | | |
| From | То | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 605.60 | | Aplite dyke. Grey/buff/sightly greenish, very fine grained, hard, equigranular, massive, homogeneous. Not magnetic. Not calcareous. ~5% vfgr diss Py throughout. Inclusions of cm scale grey qtz blebs. Sharp knife-edge HW contact 75 deg tca. Knife-edge sharp FW contact. | 746686 | 605.60 | 606.60 | 1.00 | 5 | <0.001 | 0.005 | ~5% Py in aplite dyke |
| | | | 746687 | 606.60 | 607.35 | 0.75 | 6 | <0.001 | 0.006 | ~5% Py in aplite dyke |
| 607.35 | 600 20 | Dacite, as above. | 746688 | 607.35 | 608.35 | 1.00 | | < 0.001 | 0.006 | Chloritic dacite |
| 007.35 | 009.30 | | 746689 | 608.35 | - | | | <0.001 | | Chloritic dacite |
| | | | /10005 | 000.00 | 005.00 | 0.55 | | | 0.005 | |
| 609.30 | | Shear Zone. Solidly annealed. Epidote/qtz/carbonate/chlorite, tr Py | 746690 | 609.30 | 610.65 | 1.35 | 6 | <0.001 | 0.006 | Epidote-qtz-chlorite-carb shear. Tr Py |
| | | | 746691 | 610.65 | 612.00 | 1.35 | 5 | <0.001 | 0.005 | Epidote-qtz-chlorite-carb shear. Tr Py |
| 612.00 | 659.00 | Dacite, as above. | 746692 | 612.00 | 613.10 | 1.10 | 9 | <0.001 | 0.009 | Dacite |
| 659.00 | | END OF HOLE | | | | | | | | |
| | _ | | | | | | | | | |

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Page 6 of 6

| | | | ACIE | | TESTS | Comments |
|--------------------------|------------|--------------------------------------|--------|-----|---------|---|
| Project: | Menary I | Project | DEPTH | DIP | AZIMUTH | |
| Hole Number: | MIN-10-0 |)6 | COLLAR | -62 | | DDH MIN-10-06 was drilled to undercut MIN-10-05. |
| | | | 360' | -63 | | The entire core consists of massive mafic metavolcanics cut by a few feldspar porphyry |
| Units of Measurement: | | Imperial | 590' | -63 | | dykes, the contacts to which are generally sheared. Other shears are quartz-filled and carry a light coloured pyrite. |
| Location | NTS Sheet: | 52F04 | | | | |
| | Township: | Menary | | | | RESULTS: 1) 58.90-60.00': 0.614 g/t over 1.10 feet |
| | Claim No: | K1079876 | | | | 2) 62.60-63.60': 0.874 g/t over 1.00 feet |
| | Grid: | | | | | 3) 65.70-66.90': 0.294 g/t over 1.20 feet |
| | Easting: | | | | | All other samples <0.200 g/t. |
| | Northing: | | | | | |
| | Elevation: | | | | | - |
| GPS Co-ordinates: | Zone: | 15 U | | | | |
| (if applicable) | Datum: | NAD83 | | | | |
| | Easting: | 0435645 mE | | | | |
| | Northing: | 5425855 mN | | | | |
| Collar Dip: | | -62° N | | | | |
| Collar Azimuth: | | 335° TN | | | | |
| Hole Length: | | 660 Feet | | | | |
| Core Size: | | BQ | | | | |
| Recovery: | | 99% | | | | |
| Casing(ft) Left In Hole: | | None. Wood plug. | | | | |
| Water Source: | | Old surface trench 100' away | | | | |
| Drilled By: | | Wally Magnuson, Custom Drilling | | | | |
| | Start: | 1-Aug-10 | | | | |
| | Finish: | 6-Aug-10 | | | | |
| Logged By: | | R. Crosby, M.Sc., P.Geo (APGO #1784) | | | | |
| Date: | Start: | 24-Aug-10 | | | | |
| | Finish: | 27-Aug-10 | | | | |
| Sampled By: | | R Crosby | | | | |

| | | KINGS B | AY G | OLD | COF | RPOR | ΑΤΙΟ | N - D | | D DRILL LOG |
|--------|--------|---|--------|--------|--------|--------|--------|----------|--------------|---|
| MIN-10 | -06 | | | | | | | | | |
| From | То | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 0.00 | | Overburden - none. Drill set up on bedrock. 2' casing removed. | | | | | | | | |
| 0.00 | 58.80 | Mafic metavolcanics. Medium to dark grey and med to dark green. Where dark grey, amphibile is more abundant. Where dark green, chlorite is more abundant. Fine to medium grained, equigranular, massive, highly disrupted. Abundant stretching is evident. Fragmental and variolytic volcs are not abundant. Cut by many carbonate-filled hairline fractures at varying orientations tca, but predominantly subparallel to 10 deg tca. Regionally metamorphosed to amphibolite grade, but locally retrograded to chlorite in or near shear zones. Not magnetic. Matrix not calcareous. | 746693 | 32.45 | 33.45 | 1.00 | 13 | <0.001 | 0.013 | 0.2' ~4-5% Po & Py vfgr, diss in shear in mafic metavolcanics. |
| | | 0-2.0', 7-11', 16.2-18.2: Highly broken | | | | | | | | |
| 58.80 | 66.90 | Silicified shear zone in mafic metavolcanics.Chlorite- qtz-epidote schist. <1% Pyritic overall. Includes 3.8' quartz vein 30 deg tca. | 746694 | 58.90 | 60.00 | 1.10 | 614 | 0.02 | 0.614 | Chlorite-qtz-epidote schist. ~1% Py. 5% qv |
| | | | 746695 | 60.00 | 60.90 | 0.90 | 199 | 0.01 | 0.100 | Chlorite-qtz-epidote schist. ~1% Py. 10% qv |
| | | | 746695 | 60.00 | 61.80 | | | 0.01 | | Chlorite-qtz-epidote schist. |
| | | 61.80-65.7': Quartz Vein. Py occurs in fractures | 746697 | 61.80 | 62.60 | | | | | White quartz vein. Tr Py. No VG evident. |
| | | within xenoliths in the qv.<1% Py. | 746698 | 62.60 | 63.60 | | | | | White quartz vein. <1% Py in fracs in grey qtz 20-30 deg tca. No VG evident |
| | | | 740038 | 02.00 | 05.00 | 1.00 | 0/4 | 0.05 | 0.074 | |
| | | | 746699 | 63.60 | 64.70 | 1.10 | 233 | 0.01 | 0.233 | Quartz vein. Tr Py in grey qtz w/ epid/sericite. No VG evident |
| | | | 746700 | 64.70 | 65.70 | 1.00 | | | | White quartz vein. Minor chlorite/grey qtz stringers. Tr Py |
| | | | 746701 | 65.70 | 66.90 | | | | | Chlorite-qtz-epidote schist. Includes folded grey qv's, ~3-4% Po/Py |
| | | | 746702 | 66.90 | 67.90 | 1.00 | 67 | 0.00 | 0.067 | Chlorite-qtz-epidote schist. Tr Py. |
| 66.00 | 122.40 | | 746703 | | | 1.00 | 42 | | | |
| 66.90 | 122.10 | Mafic metavolcanics. As above | 746703 | 121.10 | 122.10 | 1.00 | 13 | <0.001 | 0.013 | Mafic metavolcanics, Tr Py |
| 122.10 | 122.90 | Alteration Zone . Pyritic, silicified, epidotized, Sharp contact with the mafic metavolcanics. | 746704 | 122.10 | 122.90 | 0.80 | 6 | <0.001 | 0.006 | ~3-4% vfgr diss py in light grey, highly silicified, altered feld. por. |
| 122.90 | 128.00 | Feldspar Porphyry. Pinkish-purplish-brownish grey, fine to med grained, massive, homogeneous. White mm-scale plag xls are ghost-like in that they are not very white nor are they clearly and sharply distinguishable. Sharp HW & FW contact with the alteration zone and the maf metavolcs, respectively. | 746705 | 122.90 | 123.90 | 1.00 | 7 | <0.001 | 0.007 | Pinkish/purplish/brownish grey feld por. Tr Py |
| | | | 746766 | 123.90 | 124.90 | 1.00 | 5 | < 0.001 | 0.005 | Feldspar Porphyry |
| 122.90 | 128.00 | Feldspar Porphyry (Cont'd) | 746767 | 124.90 | | 1.00 | | | | Feldspar Porphyry |

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| | | KINGS B | AY G | OLD | COF | RPOR | ATIO | N - C | | D DRILL LOG |
|--------|--------|---|--------|--------|--------|--------------|--------|----------|--------------|---|
| MIN-10 | -06 | | | | | | | | | |
| From | To | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | · · · · · · · · · · · · · · · · · · · | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| | | | 746768 | 125.90 | 126.90 | 1.00 | 18 | <0.001 | 0.018 | 3" bleached, silicified, sericitized, ~2% pyritic n Feldspar Porphyry |
| | | | 746769 | 126.90 | 128.00 | 1.10 | <5 | <0.001 | <0.005 | <1% disseminated Py and 1/2" qv w/ Py in Feldspar Porphyry |
| 128.00 | | Mafic metavolcanics. Greenish grey, fgr to mgr, chloritically altered. Disrupted. Fragmental. Incipient variolytic texture in many places adjacent to shearing | 746770 | 128.00 | 129.00 | 1.00 | <5 | <0.001 | <0.005 | Tr Py in Mafic Volcanic |
| | | | 746771 | 129.00 | 130.00 | 1.00 | 5 | < 0.001 | 0.005 | Tr Py in Mafic Volcanic |
| | | | 746772 | 130.00 | 130.50 | 0.50 | <5 | < 0.001 | <0.005 | Tr Py in Mafic Volcanic |
| | | 130.6-131.15: orangish-pink qtz-kspar vein, 50 deg tca | 746706 | 130.50 | 131.50 | 1.00 | 10 | <0.001 | 0.010 | <1% Py in MV, at contacts with qtz-kspar vein. Sample includes vein. |
| | | | 746707 | 133.90 | 134.80 | 0.90 | 8 | < 0.001 | 0.008 | Po-Py sulphidized 1 cm shear 20 deg tca. |
| | | | 746773 | 150.60 | 151.50 | 0.90 | <5 | <0.001 | <0.005 | Tr Py in Mafic Volcanic |
| | | | | | | | | | | |
| 151.50 | 154.20 | Feldspar Porphyry. As above | 746774 | 151.50 | 152.50 | 1.00 | | < 0.001 | | Feldspar Porphyry |
| | | | 746775 | 152.50 | 153.50 | 1.00 | - | < 0.001 | | Feldspar Porphyry |
| | | | 746776 | 153.50 | 154.20 | 0.70 | <5 | <0.001 | <0.005 | Feldspar Porphyry |
| 154.20 | 229.80 | Mafic metavolcanics. As above. | 746777 | 154.20 | 155.30 | 1.10 | <5 | < 0.001 | <0.005 | Tr Py in Mafic Volcanic |
| | | | 746708 | | | 1.00 | 11 | < 0.001 | 0.011 | ~3-4% vfgr diss & euh. to 2mm Po-Py in carb. bx'd, stretched shr subparallel tca in mafic |
| | | | | 203.90 | 204.90 | | | | | mv ~3-4% vfgr diss & euh. to 2mm Po-Py in carb. bx'd, stretched shr subparallel tca in mafic |
| | | | 746709 | 204.90 | 205.90 | 1.00 | 11 | <0.001 | 0.011 | mv |
| | | | | | | | 9 | < 0.001 | 0.009 | |
| 229.80 | | Shear zone. Chlorite-epidote-qtz breccia/schist. Amphibole retrogrades to chlorite in and near these shear zones.Foliation 25 deg tca. Minor carbonate in fracs. <0.5%r Py overall, locally to ~5% over 2" at 233.9'. | 746710 | 233.30 | 234.30 | 1.00 | 9 | <0.001 | | ~1-2% Py in Chlorite-epidote-qtz schist |
| 249.70 | 210 70 | Mafic metavolcanics, As above. | 746711 | 234.30 | 235.40 | 1.00 | | 10.001 | 0.000 | ~1-2% Py in Chlorite-epidote-atz schist |
| 245.70 | 510.70 | mane metavoicanics, As above. | 746711 | 302.40 | 303.30 | 1.10 0.90 | - | <0.001 | | 1-2% Py in Chionte-epidote-qt2 schist 1" qv 18 deg tca, &~3-4% Py in host & in qv. |
| | | | 746712 | 302.40 | 316.40 | 1.00 | | <0.001 | | 1 qv 18 deg tca, & 3-4% Py in nost & in qv. Sheared mafic volcanics with ~2% Py |
| - | | | 746778 | 315.40 | 317.90 | 1.00 | | <0.001 | | Sheared matic volcanics with ~2% Py Sheared matic volcanics with ~2% Py |
| | | | 746780 | 317.90 | 317.90 | 1.50 | | <0.001 | | Sheared matic volcanics with ~2% Py Sheared matic volcanics with ~2% Py |
| | | | /40/00 | 517.50 | 510.50 | 1.00 | ~ ~ | 10.001 | | |

| IN-10 | -06 | | | | | | | | | |
|---------------|---|---|---------------------------|------------------|------------------|--------|----------|------------------|----------------------|---|
| rom | То | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | 21110108.001 0 000119.001 | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 318.90 404.00 | DYKE. This is the freshest looking unit in the core. It is medium greenish (chloritic) grey (lighter grey on core surface), fine to medium-grained grained matrix with ~5-10% mm-scale plagioclase phenocrysts, a few of which exceed 1cm. These phenocrysts are generally altered to epidote-qtx-sericite. Massive, homogeneous. Hard. Chilled margins exist at both HW & FW contacts. It is most clearly evident at the FW cotact. OccasionI joints at 20 deg tca are calcite-filled. Unit generally carries <0.03% euhedral pyrite throughout. Py is more concentrated within 2-3' of the HW & FW contacts, locally grading to ~1-2% over cms but is also finely disseminated throughout at <1%. Shearing within the metavolcanics occur at both contacts. | 746781 | 318.90 | 319.70 | 0.80 | | <0.001 | 0.005 | Mafic Chloritic dyke | |
| | | | 746782 74 <u>6</u> 783 | 319.70 403.00 | 320.80 404.00 | 1.10 | <5 <5 | <0.001 <0.001 | | Mafic Chloritic dyke Chilled margin, mafic dyke |
| 404.00 | 478 95 | Mafic metavolcanics. As above. | 746784 | 404.00 | 405.00 | 1.00 | 10 | < 0.001 | 0.010 | Sheared chloritic, mafic volcanics with ~2% Py |
| | | 443.6-448.0': Shear zone. Biotite-qtz-carbonate schist. Subparallel tca. | 746785 | 405.00 | 406.00 | 1.00 | <5 | <0.001 | <0.005 | Sheared chloritic, mafic volcanics with ~2% Py |
| | | | 746713 | 443.60 | 444.60 | 1.00 | 14 | <0.001 | 0.014 | <1% Py in biotite-qtz-carb shear in metavolcanics |
| | | | 746714 | 444.60 | 445.60 | 1.00 | 8 | < 0.001 | 0.008 | ~1% Py in biotite-qtz carb shear in metavolcanics |
| | | | 746715 | 445.60 | 447.00 | 1.40 | 5 | < 0.001 | 0.005 | ~2-3% Py in biotite-qtz-carb shear in metavolcanics |
| | | | 746716 | 447.00 | 448.00 | 1.00 | 7 | <0.001 | 0.007 | ~1-2% Py in biotite-qtz-carb shear in metavolcanics |
| | | 450.9-454.0': Shear zone. Carbonate-qtz with accessory pyrite locally to 3%. Subparallel tca. | 746717 | 450.90 | 452.00 | 1.10 | 6 | <0.001 | 0.006 | ~1-3% Py in carb-qtz vein subparallel tca. |
| | | | 746718 | 452.00 | 453.00 | 1.00 | 8 | | | ~1-3% Py in carb-qtz vein subparallel tca. |
| | | | 746719 | 453.00 | 454.00 | 1.00 | 6 | < 0.001 | 0.006 | ~1-3% Py in carb-qtz vein subparallel tca. |
| | | | 746720 | 477.95 | 478.95 | 1.00 | 15 | <0.001 | 0.015 | Mafic metavolcanics |
| 478.95 | 480.00 | Quartz Vein. White and grey quartz. Contacts with the mv, although very distinct, are not knife-edge sharp, nor are they straight. Within the vein there is 'streamed' debris such as kspar & pspar, caught up in it when the quartz was flowing, either through primary injection of subsequent deformation. Carbonate, chalcopyrite, sphalerite, chlorite fills some of the fractures. There is no visible VG. | 746721 | 478.95 | 480.00 | 1.05 | 85 | 0.002 | 0.085 | Quartz vein, <1% Cpy, Sph; No VG evident. |
| 480.00 | 481.00 | Mafic metavolcanics. As above. | 746722 | 480.00 | 481.00 | 1.00 | 9 | <0.001 | 0.009 | Mafic metavolcanics; tr Py |

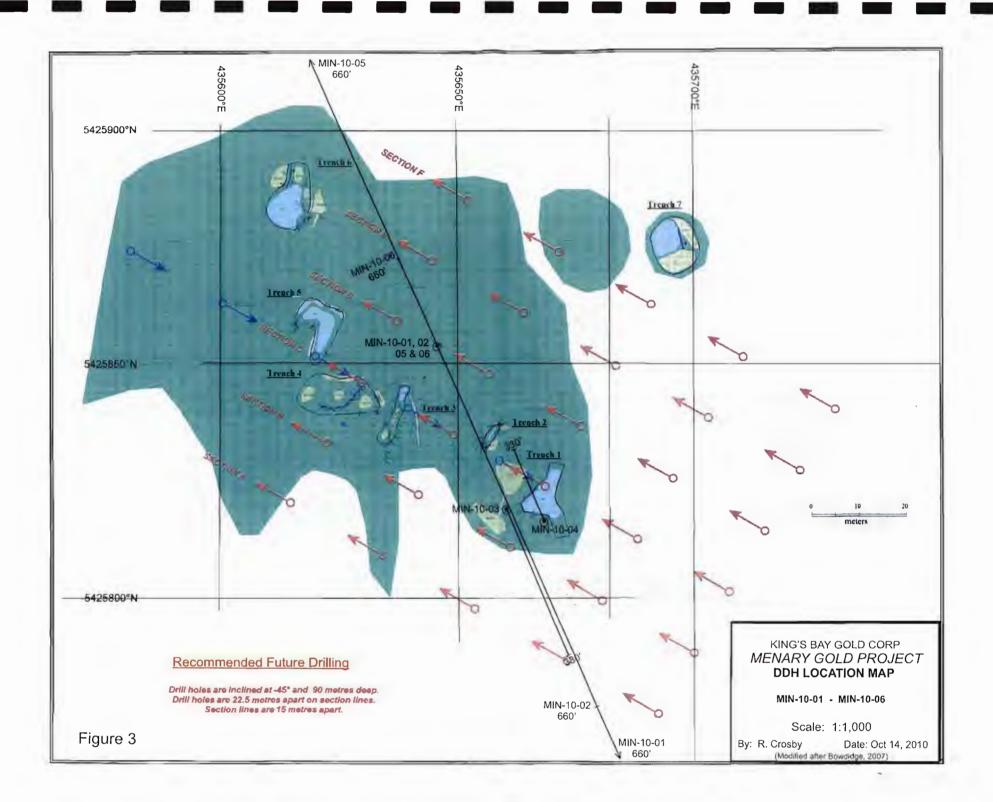
L

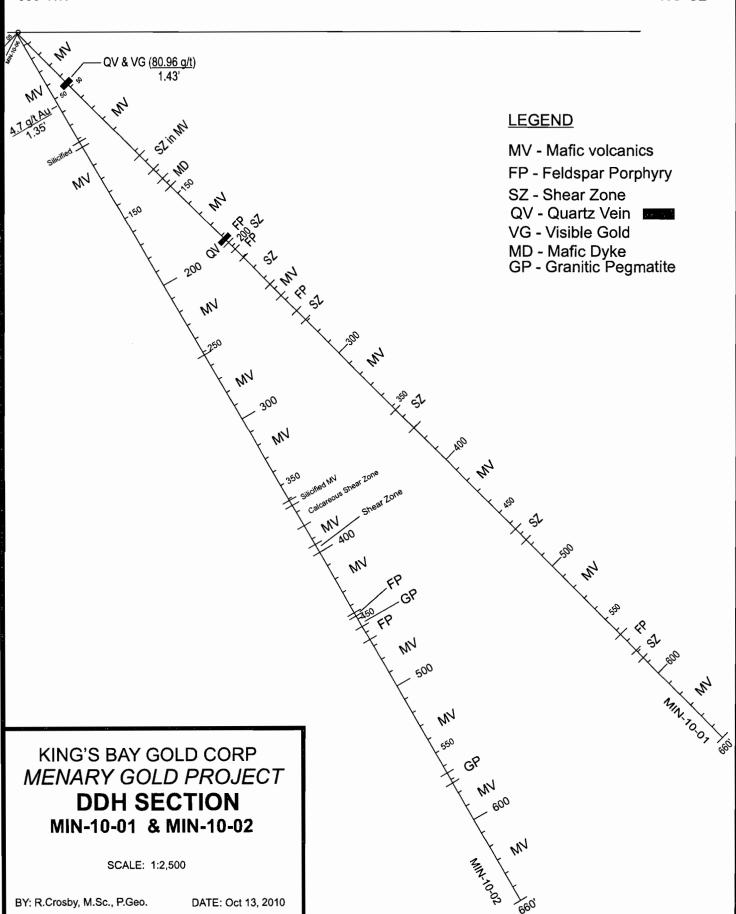
| | | KINGS B | AY G | OLD | COF | RPOR | ΑΤΙΟ | N - C | DIAMONI | D DRILL LOG |
|--------|--------|--|------------------|------------------|------------------|--------|--------|------------------|--------------|---|
| /IN-10 | -06 | | | | | | | | | |
| From | То | Lithological Description | Sample | From | То | Length | Au ppb | Au opt | Au g/t (ppm) | Sample Description |
| (ft) | (ft) | | # | (ft) | (ft) | (ft) | 5 DL | 0.001 DL | 0.005 DL | |
| 481.00 | 481.80 | Quartz Vein. As above. Irregular but very distinct HW & FW contacts. Contains partially assimilated wispy gry qtz & debris xenoliths with which <1% Cpy and Sph is associated. No VG evident. | 746723 | 481.00 | 481.80 | 0.80 | 180 | 0.005 | 0.180 | Quartz vein, <1% Cpy, Sph; No VG evident |
| 481.80 | 509.30 | Mafic metavolcanics. As above. | 746724 | 481.80 | 482.80 | 1.00 | 12 | <0.001 | 0.012 | Mafic metavolcanics; tr Py |
| | | | 746725 | 508.30 | 509.30 | 1.00 | 22 | <0.001 | 0.022 | Mafic metavolcanics; tr Py |
| | | | | | | | | | | |
| 509.30 | 511.20 | Quartz Vein. As above. ~35 deg tca HW contact. No VG evident. | 746726 | 509.30 | 510.00 | 0.70 | 36 | 0.001 | 0.036 | <1% Cpy, Sph in quartz vein. No VG evident |
| | | | 746727 | 510.00 | 511.00 | 1.00 | 36 | 0.001 | 0.036 | <1% Cpy, Sph in quartz vein. No VG evident |
| | | | 746728 | 511.00 | 511.70 | 0.70 | <5 | <0.001 | <0.005 | Quartz vein. No VG evident |
| 511.20 | 521.90 | Silicified mafic metavolcanics. Resembles greisen, but without the muscovite. Olive greenish grey, very fine- grained, hard. Massive, homogeneous, equigranular. Silicified. Greenish tint possibly due to epidote. Relict features of the mafic metavolcanics still evident. ~1- 2% vfgr py present throughout,; locally as much as 5%.over inches. | 746729 | 511.70 | 512.70 | 1.00 | <5 | <0.001 | <0.005 | ~1-2% vfgr disseminated Py in silicified mafic metavolcanics |
| | | | 746730 | 512.70 | 514.00 | 1.30 | 6 | <0.001 | 0.006 | ~1-2% vfgr disseminated Py in silicified mafic metavolcanics |
| | | | 746731 | 514.00 | 515.00 | 1.00 | <5 | <0.001 | <0.005 | ~1-2% vfgr disseminated Py in silicified mafic metavolcanics |
| | | | 746732 | 515.00 | 516.00 | 1.00 | - | <0.001 | | ~1-2% vfgr disseminated Py in silicified mafic metavolcanics |
| | | | 746733 | 516.00 | 517.00 | | <5 | <0.001 | | ~1-2% vfgr disseminated Py in silicified mafic metavolcanics |
| | | | 746734 | 517.00 | 518.00 | 1.00 | _ | <0.001 | | ~1-2% vfgr disseminated Py in silicified mafic metavolcanics |
| | | | 746735 | 518.00 | 519.00 | 1.00 | | | | ~1-2% vfgr disseminated Py in silicified mafic metavolcanics |
| | | | 746736 | 519.00 | 520.00 | | + | < 0.001 | | ~1-2% vfgr disseminated Py in silicified mafic metavolcanics |
| | | | 746737 | 520.00 | 521.00 | | | | | ~2-4% vfgr disseminated Py in silicified mafic metavolcanics |
| 521.90 | | Aplite Dyke. Salmon orange colour, speckled with sub- mm green, grey and pyrite yellow inclusions. Very fine grained. Hard. Massive, homogeneous, equigranular. Very fine-grained disseminated pyrite throughout, up to 5-6%. FW brecciated contact with mafic metavolcanics. | 746738 746739 | 521.00 522.00 | 522.00 523.00 | | , | <0.001 <0.001 | | ^{~2} -4% vfgr disseminated Py in silicified matic metavolcanics ~2-4% vfgr disseminated Py in aplite dyke |
| | | | 746740 | 523.00 | 523.50 | 0.50 | | <0.001 | 0.013 | ~5-6% vfgr disseminated Py in aplite dyke |
| 523.60 | 634.90 | Mafic metavolcanics. As above. | 746741 | 523.50 | 524.50 | 1.00 | - | <0.001 | | Mafic metavolcanics; tr Py |
| | | 581.95-582.3': Quartz-Fsp Vein. Pinkish mottled w/ sharp knife-edge contacts 60 deg tca 601.8-616.8': Shear zone. Mottled appearance. | 746742 | 581.95 | 582.30 | 0.35 | 5 | <0.001 | 0.005 | Tr Py |
| | | Foliation 20 deg tca. 618.9-619.6': Fsp-Qtz vein. Mottled pink, white, & grey plag, k-spar, qtz vn, knife edge sharp contacts 60 dge tca | 746743 | 618.90 | 619.60 | 0.70 | 8 | <0.001 | 0.008 | Tr Py |

| | | Sample # 746786 746787 746788 746788 746789 | 641.00 | 642.00 | | 5 DL | Au opt 0.001 DL | 0.005 DL | Sample Description |
|--------------|---|---|------------------|------------------|------|------|------------------------|----------|---|
| 634.90 636.1 | .10 Feldspar Porphyry, as above. .20 Mainly mafic metavolcanics. As above. | 746787 746788 | 640.00 641.00 | 641.00 642.00 | 1.00 | 7 | | | Shared phonitic matic volcanict with Tr Dy |
| | .20 Mainly mafic metavolcanics. As above. | 746787 746788 | 641.00 | 642.00 | | | <0.001 | 0.007 | Shared shipitic mafe volcanics with Tr Dy |
| 636.10 658.2 | | 746787 746788 | 641.00 | 642.00 | | | <0.001 | 0.007 | Chasred chloritic mafic volcanics with Tr Ry |
| | 644.0-649.0 Dyke with chilled margins. | 746788 | | | 1.00 | | | 0.007 | Sheared chionaic, mane voicanics with it Fy |
| | | | 642.00 | | 100 | <5 | < 0.001 | <0.005 | Sheared chloritic, mafic volcanics with ~1% Py in hairline veinlets |
| | | 746789 | | 643.00 | 1.00 | <5 | < 0.001 | < 0.005 | Sheared chloritic, mafic volcanics with ~1% Py in hairline veinlets |
| | | | 643.00 | 644.00 | 1.00 | <5 | < 0.001 | < 0.005 | Sheared chloritic, mafic volcanics with ~1% Py |
| | | 746790 | 644.00 | 645.00 | 1.00 | 7 | < 0.001 | 0.007 | Tr Py in chloritic vesicular basaltic flow |
| | | 746791 | 645.00 | 646.20 | 1.20 | 16 | < 0.001 | 0.016 | Tr Py in chloritic vesicular basaltic flow |
| | | 746792 | 646.20 | 647.20 | 1.00 | 9 | < 0.001 | 0.009 | <1% Py hairline veinlet subparallel tca in chloritic vesicular basaltic flow |
| | | 746793 | 647.20 | 648.00 | 0.80 | . 35 | 0.00 | 0.035 | Tr Py in chloritic vesicular basaltic flow |
| | | 746794 | 648.00 | 649.00 | 1.00 | 8 | < 0.001 | 0.008 | Tr Py in chloritic vesicular basaltic flow, chilled margin |
| | 649.0-650.0': Mafic Metavolcanics. ~2-4% vfgr diss py and Py in 3mm veinlet. | 746746 | 649.00 | 650.00 | 1.00 | 6 | <0.001 | 0.006 | ~2-4% vfgr diss py and Py in 3mm veinlet in fragmental mafic metavolcanics. |
| | 651.2-651.7': Quartz Vein. ~5% Py at contact of 0.25' salmon coloured qv with carbonate at contacts. | 746747 | 651.20 | 651.70 | 0.50 | 8 | <0.001 | 0.008 | ~5% Py at contact of 0.25' salmon coloured qv with carbonate at contacts. |
| | 654.1-655.1': Quartz vein. ~2% Py in fractures in salmon coloured qv. Contains xenolitn of partially melted maf mv. | 746748 | 654.10 | 655.10 | 1.00 | 6 | <0.001 | 0.006 | ~2% Py in fractures in salmon coloured qv. Contains xenolitn of partially melted maf mv. |

APPENDIX C

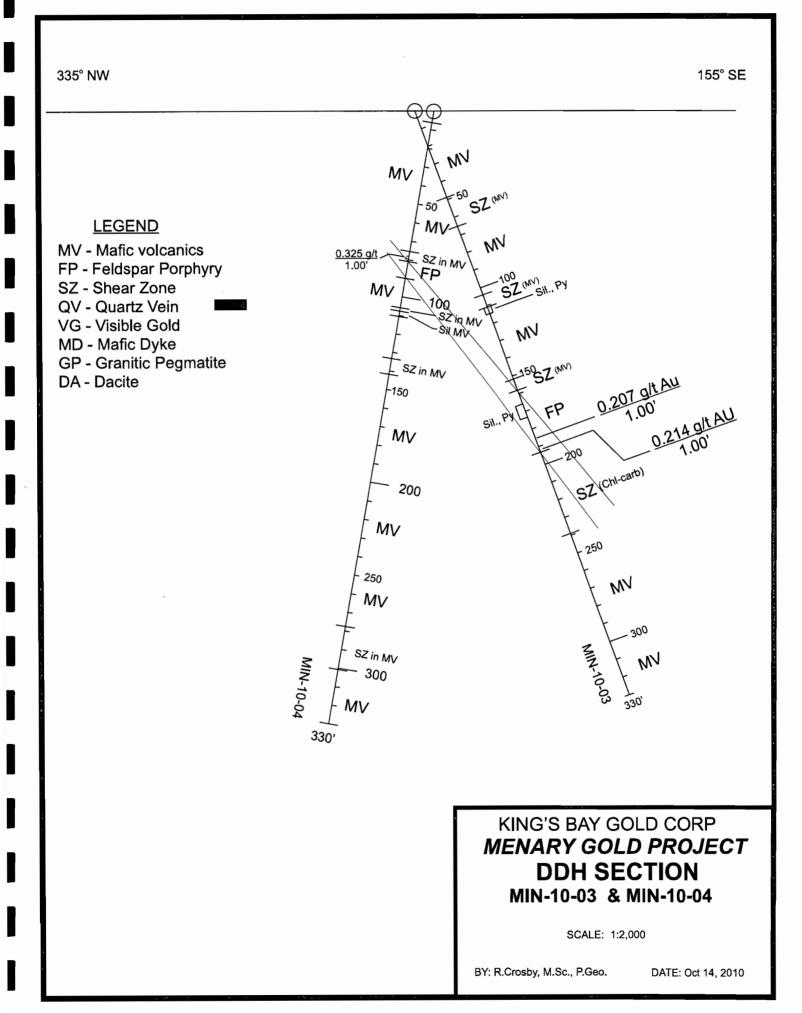
Diamond Drill Hole Plan Map & Cross Sections





335° NW

155° SE



335° NW 155° SE K-spar/Qtz Ve 0.336 g/t AU 1.50' SZ - Silicified 0.286 g/t 10.0' M LEGEND SZ in Fl 10n MV - Mafic volcanics FP - Feldspar Porphyry FD ি SZ - Shear Zone MU 150 Fp QV - Quartz Vein VG - Visible Gold MI MD - Mafic Dyke GP - Granitic Pegmatite P_{O} DA - Dacite MU $M_{\rm L}$ ⁷Sc su Silic_{eous} Dyke M MIN-10-05 6 KING'S BAY GOLD CORP **MENARY GOLD PROJECT** 90:01. **DDH SECTION** MIN-10-05 & MIN-10-06 SCALE: 1:2,500 Figure 6 BY: R.Crosby, M.Sc., P.Geo. DATE: Oct 13, 2010

APPENDIX D Analytical Results

Crosby Geological Consulting & Exploration Services Fredericton, New Brunswick

| Certificate of Analysis | Canada P7B 5X5 | | | | |
|---|-------------------------|-----------|-----------------------------------|--------------------------|-----------------|
| | | | | | |
| hursday, September 16, 201 | | | Data Bassingh | 00/01/2010 | |
| Lings Bay Gold Corporation Vinnipeg, MB, CAN | 104 Regent Ave East | | Date Received: Date Completed: | 09/01/2010 09/16/2010 | |
| 2C 5G2 h#: (204) 489-2549 | and an Obstandia | | Job #: | 201043501 | |
| mail#: info@kingsbaygold. | com, arengeo@nouman.com | | Reference: | 201013301 | |
| | | | Sample #: | 190 Core | |
| Acc # | Client ID | Au ppb | Au oz/t | | Au g/t (ppm) |
| 243605 | 746575 | 12 | <0.001 | | 0.012 |
| 243606 | 746576 | 14 | <0.001 | | 0.014 |
| 243607 | 746577 | 26 | <0.001 | | 0.026 |
| 243608 | 746578 | 31 | <0.001 | | 0.031 |
| 243609 | 746579 | 325 | 0.009 | | 0.325 |
| 243610 | 746580 | 49 | 0.001 | | 0.049 |
| 243611 | 746581 | 11 | <0.001 | | 0.011 |
| 243612 | 746582 | 5 | <0.001 | | 0.005 |
| 243613 | 746583 | 32 | < 0.001 | | 0.032 |
| 243614 | 746584 | 5 | <0.001 | | 0.005 |
| 243615 Dup | 746584 | <5 | <0.001 | | <0.005 |
| 243616 | 746585 | 6 | <0.001 | | 0.006 |
| 243617 | 746586 | 22 | <0.001 | | 0.022 |
| 243618 | 746587 | 6 | <0.001 | | 0.006 |
| 243619 | 746588 | 17 | <0.001 | | 0.017 |
| 243620 | 746589 | 5 | <0.001 | | 0.005 |
| 243621 | 746590 | 10 | <0.001 | | 0.010 |
| 243622 | 746591 | 32 | <0.001 | | 0.032 |
| 243623 | 746592 | 21 | <0.001 | | 0.021 |

Certified By: ..

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AL903-0130-09/16/2010 1:51 PM

| | TORIES | Thunder Bay, ON Canada P7B 5X5 | Fax: (807 |) 622-7571 assa | y@accurassay.com |
|---|------------------------|-----------------------------------|-----------|-----------------|------------------|
| ertificate of Anal | ysis | | | | |
| hursday, Septembe | er 16, 2010 | | | | |
| | rporation 104 Regent A | ve East | | Date Received: | 09/01/2010 |
| /innipeg, MB, CA 2C 5G2 | | | | Date Completed: | 09/16/2010 |
| h#: (204) 489-2549 mail#: info@kings | sbaygold.com, archgeo(| a)hotmail.com | | Job #: | 201043501 |
| | | | | Reference: | |
| | | | | Sample #: | 190 Core |
| Acc # | | Client ID | Au | Au | Au |
| | | | ррb | oz/t | g/t (ppm) |
| 243624 | | 746593 | 11 | <0.001 | 0.011 |
| 243625 | | 746594 | 11 | <0.001 | 0.011 |
| 243626 | Dup | 746594 | 11 | <0.001 | 0.011 |
| 243627 | | 746595 | 8 | <0.001 | 0.008 |
| 243628 | | 746596 | 9 | <0.001 | 0.009 |
| 243629 | | 746597 | 7 | <0.001 | 0.007 |
| 243630 | | 746598 | 13 | <0.001 | 0.013 |
| 243631 | | 746599 | 14 | <0.001 | 0.014 |
| 243632 | | 746600 | 13 | <0.001 | 0.013 |
| 243633 | | 746601 | 8 | <0.001 | 0.008 |
| 243634 | | 746602 | 16 | <0.001 | 0.016 |
| 243635 | | 746603 | 60 | 0.002 | 0.060 |
| 243636 | | 746604 | 10 | <0.001 | 0.010 |
| 243637 | Dup | 746604 | 9 | < 0.001 | 0.009 |

8

7

7

530

746605

746606

378072

378073

378074

Certified By:

PROCEDURE CODES: ALP2, ALFA1

243638

243639 243640

243641

243642

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< 0.001

< 0.001

0.015

< 0.001

< 0.001

AL903-0130-09/16/2010 1:51 PM

0.006

0.008

0.530

0.007

0.007

| LABORA | | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 622-7571 | assay | Paccuras | ssay.com |
|---|-----------------------|-----------------------------------|---------------------|-----------------|----------|-----------------|
| Certificate of Analy | rsis | | | | | |
| Thursday, September | r 16, 2010 | | | | | |
| Kings Bay Gold Cor Winnipeg, MB, CAN | poration 104 Regent A | ve East | | Date Received: | 09/01/ | /2010 |
| R2C 5G2 Ph#: (204) 489-2549 | | | | Date Completed: | 09/16/ | /2010 |
| | baygold.com, archgeo |)hotmail.com | | Job #: | 20104 | 3501 |
| | | | | Reference: | | |
| | | | | Sample #: | 190 | Core |
| Acc # | | Client ID | Au ppb | Au oz/t | | Au g/t (ppm) |
| 243643 | | 746607 | <5 | <0.001 | | < 0.005 |
| 243644 | | 746608 | 10 | <0.001 | | 0.010 |
| 243645 | | 746609 | 9 | <0.001 | | 0.009 |
| 243646 | | 746610 | <5 | <0.001 | | < 0.005 |
| 243647 | | 746611 | 6 | < 0.001 | | 0.006 |
| 243648 | Dup | 746611 | <5 | <0.001 | | <0.005 |
| 243649 | | 746612 | 9 | <0.001 | | 0.009 |
| 243650 | | 746613 | <5 | <0.001 | | <0.005 |
| 243651 | | 746614 | <5 | <0.001 | | < 0.005 |
| 243652 | | 746615 | <5 | <0.001 | | <0.005 |
| 243653 | | 746616 | <5 | <0.001 | 2 | < 0.005 |
| 243654 | | 746617 | 5 | <0.001 | | 0.005 |
| 243655 | | 746618 | 6 | <0.001 | | 0.006 |
| 243656 | | 746619 | <5 | < 0.001 | | < 0.005 |
| 243657 | | 746620 | <5 | < 0.001 | | < 0.005 |
| 243658 | | 746621 | 6 | < 0.001 | | 0.006 |
| 243659 | Dup | 746621 | 10 | < 0.001 | | 0.010 |
| 243660 | | 746622 | 5 | <0.001 | | 0.005 |
| 243661 | | 746623 | <5 | < 0.001 | | < 0.005 |

. .

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| | ATORIES | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 6 | 622-7571 assay | @accuras | ssay.com |
|--|-----------------------|-----------------------------------|--------------|-----------------|----------|-----------|
| Certificate of Ana | alysis | | | | | |
| Thursday, Septem | ber 16, 2010 | | | | | |
| | orporation 104 Regent | Ave East | | Date Received: | 09/01 | /2010 |
| Winnipeg, MB, CA R2C 5G2 | | | | Date Completed: | 09/16 | /2010 |
| Ph#: (204) 489-25 Email#: info@king | gsbaygold.com, archge | o@hotmail.com | | Job #: | 20104 | 3501 |
| | | | | Reference: | | |
| | | | | Sample #: | 190 | Core |
| Acc # | | Client ID | Au | Au | | Au |
| | | | ppb | oz/t | | g/t (ppm) |
| 243662 | | 746624 | 5 | <0.001 | | 0.005 |
| 243663 | | 746625 | 5 | <0.001 | | 0.005 |
| 243664 | | 746626 | 7 | <0.001 | | 0.007 |
| 243665 | | 746627 | 6 | < 0.001 | | 0.006 |
| 243666 | | 746628 | 8 | <0.001 | | 0.008 |
| 243667 | | 746629 | 30 | <0.001 | | 0.030 |
| 243668 | | 746630 | 9 | < 0.001 | | 0.009 |
| 243669 | | 746631 | 8 | < 0.001 | | 0.008 |
| 243670 | Rep | 746631 | 6 | < 0.001 | | 0.006 |
| 243671 | | 746632 | 10 | <0.001 | | 0.010 |
| 243672 | | 746633 | 93 | 0.003 | | 0.093 |
| 243673 | | 746634 | 171 | 0.005 | | 0.171 |
| 243674 | | 746635 | 336 | 0.010 | | 0.336 |
| 243675 | | 746636 | 20 | <0.001 | | 0.020 |
| 243676 | | 746637 | 64 | 0.002 | | 0.064 |
| 243677 | | 746638 | 78 | 0.002 | | 0.078 |
| 243678 | | 378075 | 532 | 0.016 | | 0.532 |
| 243679 | | 378076 | 11 | <0.001 | | 0.011 |
| | | | | | | |

PROCEDURE CODES: ALP2, ALFA1

243680

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0.004

Derek Demianluk H.Bsc., Laboratory Manager

378077

Certified By:

0.149

| - LABORATO | RIES Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 622- | usaye | Paccurassay.co | |
|--|--|-----------------|-----------------|----------------|----------|
| Certificate of Analysis | | | | | |
| Thursday, September 16, | 2010 | | | | |
| Kings Bay Gold Corporat Winnipeg, MB, CAN | tion 104 Regent Ave East | | Date Received: | 09/01/2010 | |
| R2C 5G2 Ph#: (204) 489-2549 | | | Date Completed: | 09/16/2010 | |
| | old.com, archgeo@hotmail.com | | Job #: | 201043501 | |
| | | | Reference: | | |
| | | | Sample #: | 190 Cor | e |
| Acc # | Client ID | Au | Au | | A |
| | | ppb | oz/t | | g/t (ppm |
| 243681 | 746639 | 44 | 0.001 | | 0.04 |
| 243682 | 746640 | 52 | 0.002 | | 0.05 |
| 243683 | 746641 | 61 | 0.002 | | 0.06 |
| 243684 - | 746642 | 49 | 0.001 | | 0.04 |
| 243685 | 746643 | 36 | 0.001 | | 0.03 |
| 243686 | 746644 | 8 | <0.001 | | 0.00 |
| 243687 | 746645 | 6 | <0.001 | | 0.00 |
| 243688 | 746646 | 119 | 0.003 | | 0.11 |
| 243689 | 746647 | <5 | <0.001 | | < 0.00 |
| 243690 | 746648 | 16 | <0.001 | | 0.01 |
| 243691 | 746651 | 22 | <0.001 | | 0.022 |
| 243692 Du | ıp 746651 | 11 | <0.001 | | 0.01 |
| 243693 | 746652 | 68 | 0.002 | | 0.06 |
| 243694 | 746653 | 17 | <0.001 | | 0.01 |
| 243695 | 746654 | 24 | <0.001 | | 0.02 |
| 243696 | 746655 | 16 | <0.001 | | 0.01 |
| 243697 | 746656 | 17 | <0.001 | | 0.01 |
| 243698 | 746657 | 11 | <0.001 | | 0.01 |
| 210000 | / +000/ | • • | | | 0.01 |

Certified Bv:

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Derek Demianiuk H.Bsc., Laboratory Manager

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| | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 622-7571 | assay | @accurassay.com |
|--|-----------------------------------|---------------------|-----------|-----------------|
| Certificate of Analysis | | | | |
| Thursday, September 16, 2010 | | | | |
| Kings Bay Gold Corporation 104 Regent Ave | e East | Date F | Received: | 09/01/2010 |
| Winnipeg, MB, CAN R2C 5G2 | | Date Co | mpleted: | 09/16/2010 |
| Ph#: (204) 489-2549 Email#: info@kingsbaygold.com, archgeo@ | hotmail.com | | Job #: | 201043501 |
| | | R | eference: | |
| | | S | Sample #: | 190 Core |
| | | | | |

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|--------|-----|-----------|-----------|------------|-----------------|
| 243700 | | 746659 | 11 | <0.001 | 0.011 |
| 243701 | | 746660 | 16 | <0.001 | 0.016 |
| 243702 | | 746661 | 13 | <0.001 | 0.013 |
| 243703 | Dup | 746661 | 8 | <0.001 | 0.008 |
| 243704 | | 746662 | 12 | <0.001 | 0.012 |
| 243705 | | 746663 | 22 | <0.001 | 0.022 |
| 243706 | | 746664 | 19 | <0.001 | 0.019 |
| 243707 | | 746665 | 8 | <0.001 | 0.008 |
| 243708 | | 746666 | 20 | <0.001 | 0.020 |
| 243709 | | 746667 | 30 | <0.001 | 0.030 |
| 243710 | | 746668 | 8 | <0.001 | 0.008 |
| 243711 | | 746669 | 6 | <0.001 | 0.006 |
| 243712 | | 746670 | 10 | <0.001 | 0.010 |
| 243713 | | 746671 | <5 | <0.001 | <0.005 |
| 243714 | Dup | 746671 | 5 | <0.001 | 0.005 |
| 243715 | | 746672 | 9 | <0.001 | 0.009 |
| 243716 | | 378078 | 494 | 0.014 | 0.494 |
| 243717 | | 378079 | 6 | <0.001 | 0.006 |
| 243718 | | 378080 | 7 | <0.001 | 0.007 |
| | | | | | |

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Derek Demianluk H.Bsc., Laboratory Manager

Certified By:

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| Certificate of Ana | A T O R I E S | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) | 622-7571 assay | @accurassay.com |
|---|---------------|-----------------------------------|------------|--|---|
| Thursday, Septemb | ber 16, 2010 | | | | |
| Winnipeg, MB, CA R2C 5G2 Ph#: (204) 489-254 | | | | Date Received: Date Completed: Job #: Reference: Sample #: | 09/01/2010 09/16/2010 201043501 190 Core |
| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
| 243719 | | 746673 | 10 | <0.001 | 0.010 |
| 243720 | | 746674 | 6 | <0.001 | 0.006 |
| 243721 | | 746675 | <5 | <0.001 | <0.005 |
| 243722 | | 746676 | 6 | <0.001 | 0.006 |
| 243723 | | 746677 | <5 | <0.001 | < 0.005 |
| 243724 | | 746678 | 5 | <0.001 | 0.005 |
| 243725 | Dup | 746678 | <5 | <0.001 | < 0.005 |
| 243726 | | 746679 | <5 | < 0.001 | <0.005 |
| 243727 | | 746680 | 5 | <0.001 | 0.005 |
| 243728 | | 746681 | <5 | <0.001 | < 0.005 |

6

 243734
 746687

 243735
 746688

 243736
 Rep
 746688

 243737
 746689

746682

746683

746684

746685

746686

10 < 0.001 0.010 7 < 0.001 0.007 5 < 0.001 0.005 6 < 0.001 0.006 6 < 0.001 0.006 7 < 0.001 0.007 9 < 0.001 0.009

< 0.001

< 0.001

PROCEDURE CODES: ALP2, ALFA1

243729

243730

243731 243732

243733

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0.006

0.006

| LABORATORIES | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 622-7 | 571 assay@ | Paccuras | ssay.com |
|---|-----------------------------------|------------------|-----------------|----------|-----------------|
| Certificate of Analysis | | | | | |
| hursday, September 16, 2010 | | | | | |
| ings Bay Gold Corporation 104 Regent / Vinnipeg, MB, CAN | Ave East | | Date Received: | 09/01/ | /2010 |
| 2C 5G2 h#: (204) 489-2549 | | | Date Completed: | 09/16/ | /2010 |
| mail#: info@kingsbaygold.com, archgeo | @hotmail.com | | Job #: | 20104 | 3501 |
| | | | Reference: | | |
| | | | Sample #: | 190 | Core |
| Acc # | Client ID | Au ppb | Au oz/t | | Au g/t (ppm) |
| 243738 | 746690 | 6 | < 0.001 | | 0.006 |
| 243739 | 746691 | 5 | <0.001 | | 0.005 |
| 243740 | 746692 | 9 | <0.001 | | 0.009 |
| 243741 | 746693 | 13 | <0.001 | | 0.013 |
| 243742 | 746694 | 614 | 0.018 | | 0.614 |
| 243743 | 746695 | 199 | 0.006 | | 0.199 |
| 243744 | 746696 | 291 | 0.008 | | 0.29 |
| 243745 | 746697 | 67 | 0.002 | | 0.067 |
| 243746 | 746698 | 874 | 0.026 | | 0.874 |
| 243747 Dup | 746698 | 860 | 0.025 | | 0.860 |
| 243748 | 746699 | 233 | 0.007 | | 0.233 |
| 243749 | 746700 | 138 | 0.004 | | 0.138 |
| 243750 | 746701 | 294 | 0.009 | | 0.294 |
| 243751 | 746702 | 67 | 0.002 | | 0.067 |
| 243752 | 746703 | 13 | < 0.001 | | 0.013 |
| 243753 | 746704 | 6 | <0.001 | | 0.006 |
| 243754 | 378081 | 562 | 0.016 | | 0.562 |
| 243755 | 378082 | 8 | <0.001 | | 0.008 |
| | 378083 | <5 | <0.001 | | < 0.005 |

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|-------------|---|---|---|---|-----|---|----|---|----|------------|---|--|--|
| S. | - | L | A | в | 0 6 | A | т | 0 | RI | Е | S | | |

| Certificate | of | Апа | lysi | S |
|-------------|----|-----|------|---|
|-------------|----|-----|------|---|

Thursday, September 16, 2010

 Kings Bay Gold Corporation 104 Regent Ave East
 Date Received:
 09/01/2010

 Winnipeg, MB, CAN
 Date Completed:
 09/16/2010

 Ph#: (204) 489-2549
 Job #:
 201043501

 Email#: info@kingsbaygold.com, archgeo@hotmail.com
 Reference:
 Sample #:
 190
 Core

| Au g/t (ppm) | Au oz/t | Au ppb | Client ID | | Acc # |
|-----------------|------------|-----------|-----------|-----|--------|
| 0.007 | <0.001 | 7 | 746705 | | 243757 |
| 0.006 | <0.001 | 6 | 746705 | Dup | 243758 |
| 0.010 | <0.001 | 10 | 746706 | | 243759 |
| 0.008 | <0.001 | 8 | 746707 | | 243760 |
| 0.011 | <0.001 | 11 | 746708 | | 243761 |
| 0.011 | <0.001 | 11 | 746709 | | 243762 |
| 0.009 | <0.001 | 9 | 746710 | | 243763 |
| 0.008 | <0.001 | 8 | 746711 | | 243764 |
| 0.008 | <0.001 | 8 | 746712 | | 243765 |
| 0.014 | <0.001 | 14 | 746713 | | 243766 |
| 0.008 | <0.001 | 8 | 746714 | | 243767 |
| 0.005 | <0.001 | 5 | 746715 | | 243768 |
| 0.005 | <0.001 | 5 | 746715 | Dup | 243769 |
| 0.007 | <0.001 | 7 | 746716 | | 243770 |
| 0.006 | <0.001 | 6 | 746717 | | 243771 |
| 0.008 | <0.001 | 8 | 746718 | | 243772 |
| 0.006 | <0.001 | 6 | 746719 | | 243773 |
| 0.015 | <0.001 | 15 | 746720 | | 243774 |
| 0.085 | 0.002 | 85 | 746721 | | 243775 |
| | | | | | |

PROCEDURE CODES: ALP2, ALFA1

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| | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 6: | 22-7571 assay | @accurassay.com |
|--|-----------------------------------|----------------|-----------------|-----------------|
| Certificate of Analysis | | | | |
| Thursday, September 16, 2010 | | | | |
| Kings Bay Gold Corporation 104 Regent Winnipeg, MB, CAN | | Date Received: | 09/01/2010 | |
| R2C 5G2 | | | Date Completed: | 09/16/2010 |
| Ph#: (204) 489-2549 Email#: info@kingsbaygold.com, archge | o@hotmail.com | | Job #: | 201043501 |
| | | | Reference: | |
| | | | Sample #: | 190 Core |
| Acc # | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|--------|-----|-----------|-----------|------------|-----------------|
| 243776 | | 746722 | 9 | <0.001 | 0.009 |
| 243777 | | 746723 | 180 | 0.005 | 0.180 |
| 243778 | | 746724 | 12 | <0.001 | 0.012 |
| 243779 | | 746725 | 22 | <0.001 | 0.022 |
| 243780 | Dup | 746725 | 24 | <0.001 | 0.024 |
| 243781 | | 746726 | 36 | 0.001 | 0.036 |
| 243782 | | 746727 | 36 | 0.001 | 0.036 |
| 243783 | | 746728 | <5 | <0.001 | <0.005 |
| 243784 | | 746729 | <5 | <0.001 | < 0.005 |
| 243785 | | 746730 | 6 | <0.001 | 0.006 |
| 243786 | | 746731 | <5 | <0.001 | <0.005 |
| 243787 | | 746732 | 6 | <0.001 | 0.006 |
| 243788 | | 746733 | <5 | <0.001 | <0.005 |
| 243789 | | 746734 | <5 | <0.001 | < 0.005 |
| 243790 | | 746735 | <5 | <0.001 | < 0.005 |
| 243791 | Dup | 746735 | <5 | <0.001 | < 0.005 |
| 243792 | | 746736 | <5 | <0.001 | < 0.005 |
| 243793 | | 378084 | 566 | 0.017 | 0.566 |
| 243794 | | 378085 | 8 | <0.001 | 0.008 |
| | | | | | |

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| LABORATORIES | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 622-7571 | assay | @accurassay.com | |
|---|-----------------------------------|---------------------|-----------------|-----------------|--|
| Certificate of Analysis | | | | | |
| Thursday, September 16, 2010 | | | | | |
| Kings Bay Gold Corporation 104 Regent | Ave East | | Date Received: | 09/01/2010 | |
| Winnipeg, MB, CAN R2C 5G2 | | | Date Completed: | | |
| Ph#: (204) 489-2549 Email#: info@kingsbaygold.com, archgeo | @hotmail.com | | Job #: | 201043501 | |
| | | | Reference: | | |
| | | | Sample #: | 190 Core | |
| Acc # | Client ID | Au ppb | Au oz/t | g/t (pp | |

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|--------|-----|-----------|-----------|------------|-----------------|
| 243795 | | 378086 | <5 | <0.001 | < 0.005 |
| 243796 | | 746737 | 6 | . <0.001 | 0.006 |
| 243797 | | 746738 | 7 | <0.001 | 0.007 |
| 243798 | | 746739 | 11 | <0.001 | 0.011 |
| 243799 | | 746740 | 13 | <0.001 | 0.013 |
| 243800 | | 746741 | 6 | <0.001 | 0.006 |
| 243801 | | 746742 | 5 | <0.001 | 0.005 |
| 243802 | Rep | 746742 | 5 | <0.001 | 0.005 |
| 243803 | | 746743 | 8 | <0.001 | 0.008 |
| 243804 | | 746744 | 5 | <0.001 | 0.005 |
| 243805 | | 746745 | 5 | <0.001 | 0.005 |
| 243806 | | 746746 | 6 | <0.001 | 0.006 |
| 243807 | | 746747 | 8 | <0.001 | 0.008 |
| 243808 | | 746748 | 6 | <0.001 | 0.006 |
| 243809 | | 378087 | 544 | 0.016 | 0.544 |
| 243810 | | 378088 | 6 | <0.001 | 0.006 |
| 243811 | | 378089 | 21 | <0.001 | 0.021 |
| | | | | | |

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| LABORATORIES | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 622-7571 | assay@a | accurassay.com |
|--|-----------------------------------|---------------------|-----------------|-----------------|
| Certificate of Analysis | | | | |
| Friday, September 17, 2010 | | | | |
| Kings Bay Gold Corporation 104 Regent . Winnipeg, MB, CAN | Ave East | | Date Received: | 09/07/2010 |
| R2C 5G2 Ph#: (204) 489-2549 | | | Date Completed: | 09/17/2010 |
| Email#: info@kingsbaygold.com, archgeo | @hotmail.com | | Job #: | 201043645 |
| | | | Reference: | |
| | | | Sample #: | 36 Core |
| Acc # | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
| 251680 | 746749 | 1533 | 0.045 | 1.533 |
| 251681 | 746750 | 50 | 0.001 | 0.050 |
| 251682 | 746751 | 116 | 0.003 | 0.116 |
| 251683 | 746752 | 159 | 0.005 | 0.159 |
| 251684 | 746753 | 32 | <0.001 | 0.032 |
| 251685 | 746754 | 47 | 0.001 | 0.047 |
| 251686 | 746755 | 14 | <0.001 | 0.014 |
| 251687 | 746756 | 51 | 0.001 | 0.051 |
| 251688 | 746757 | 74 | 0.002 | 0.074 |
| 251689 | 746758 | 143 | 0.004 | 0.143 |
| 251690 Dup | 746758 | 151 | 0.004 | 0.151 |
| 251691 | 746759 | 1307 | 0.038 | 1.307 |
| 251692 | 746760 | 83 | 0.002 | 0.083 |
| 251693 | 746761 | 45 | 0.001 | 0.045 |
| 251694 | 746762 | 22 | <0.001 | 0.022 |
| 251695 | 746763 | 17 | <0.001 | 0.017 |
| 251696 | 746764 | 23 | <0.001 | 0.023 |
| 251697 | 851501 | 7 | <0.001 | 0.007 |
| 251698 | 851502 | 8 | < 0.001 | 0.008 |

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| | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 622- | 7571 assay@a | accurassay.com |
|--|-----------------------------------|-----------------|-----------------|----------------|
| Certificate of Analysis | | | | |
| Friday, September 17, 2010 | | | | |
| Kings Bay Gold Corporation 104 Rege | ent Ave East | | Date Received: | 09/07/2010 |
| Winnipeg, MB, CAN R2C 5G2 | | | Date Completed: | 09/17/2010 |
| Ph#: (204) 489-2549 Email#: info@kingsbaygold.com, arch | geo@hotmail.com | | Job #: | 201043645 |
| | | | Reference: | |
| | | | Sample #: | 36 Core |
| | | | | |
| Acc # | Client ID | Au | Au | Au |
| | | ppb | oz/t | g/t (ppm) |
| 251699 | 851503 | 7 | <0.001 | 0.007 |
| 251700 | 851504 | 7 | < 0.001 | 0.007 |
| 251701 Dup | 851504 | 7 | <0.001 | 0.007 |
| 251702 | 851505 | 7 | <0.001 | 0.007 |
| 251703 | 851506 | 11 | < 0.001 | 0.011 |

| 251700 | | 851504 | 7 | <0.001 | 0.007 |
|------------|------------------|--------|-------|--------|---------|
| 251701 | Dup | 851504 | 7 | <0.001 | 0.007 |
| 251702 | | 851505 | 7 | <0.001 | 0.007 |
| 251703 | | 851506 | 11 | <0.001 | 0.011 |
| 251704 | | 851507 | <5 | <0.001 | < 0.005 |
| 251705 | | 851508 | <5 | <0.001 | < 0.005 |
| 251706 | | 851509 | 17 | <0.001 | 0.017 |
| 251707 | | 851510 | <5 | <0.001 | < 0.005 |
| 251708 | | 851511 | <5 | <0.001 | < 0.005 |
| 251709 | | 851512 | <5 | <0.001 | < 0.005 |
| 251710 | | 851513 | <5 | <0.001 | <0.005 |
| 251711 | | 851514 | 9 | <0.001 | 0.009 |
| 251712 | Dup | 851514 | 13 | <0.001 | 0.013 |
| 251713 | | 851515 | 178 | 0.005 | 0.178 |
| 251714 | | 851516 | 28465 | 0.830 | 28.465 |
| 251715 | | 851517 | 1683 | 0.049 | 1.683 |
| 251716 | | 378090 | 477 | 0.014 | 0.477 |
| 251717 | | 378091 | <5 | <0.001 | < 0.005 |
| OCEDURE CO | DES: ALP2, ALFA1 | | | | |

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| LABORATORIES | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 622-7571 | assay@ | accurassay.com |
|---|--|---------------------|-----------------|-----------------|
| Certificate of Analysis | | | | |
| Friday, September 17, 2010 | | | | |
| • • • • • | Kings Bay Gold Corporation 104 Regent Ave East | | | 09/07/2010 |
| Winnipeg, MB, CAN R2C 5G2 | | | Date Completed: | 09/17/2010 |
| Ph#: (204) 489-2549 Email#: info@kingsbaygold.com, archgeo | @hotmail.com | | Job #: | 201043645 |
| | - | | Reference: | |
| | | | Sample #: | 36 Core |
| Acc # | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
| 251718 | 378092 | 3955 | 0.115 | 3.955 |

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|--|-----------------------------------|---------------------|-----------------|----------------|---|
| Certificate of Analysis | | | | | |
| Friday, September 24, 2010 | | | | | |
| Kings Bay Gold Corporation 104 Regent Ave | East | | Date Received: | 09/10/2010 | |
| Winnipeg, MB, CAN R2C 5G2 | | | Date Completed: | 09/24/2010 | |
| Ph#: (204) 489-2549 Email#: info@kingsbaygold.com, archgeo@ho | otmail.com | | Job #: | 201043757 | |
| | | | Reference: | | |
| | | | Sample #: | 60 Core | |
| | | | | | |
| | | A 11 | A 11 | | Δ |

| Acc # | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|------------|-----------|-----------|------------|-----------------|
| 258976 | 851518 | <5 | <0.001 | <0.005 |
| 258977 | 851519 | <5 | <0.001 | <0.005 |
| 258978 | 851520 | <5 | <0.001 | <0.005 |
| 258979 | 851521 | 51 | 0.001 | 0.051 |
| 258980 | 851522 | 12 | <0.001 | 0.012 |
| 258981 | 851523 | 8 | <0.001 | 0.008 |
| 258982 | 851524 | <5 | <0.001 | <0.005 |
| 258983 | 851525 | 7348 | 0.214 | 7.348 |
| 258984 | 851527 | 39 | 0.001 | 0.039 |
| 258985 | 851528 | 10 | <0.001 | 0.010 |
| 258986 Dup | 851528 | 8 | <0.001 | 0.008 |
| 258987 | 851529 | 6 | <0.001 | 0.006 |
| 258988 | 851530 | 7 | <0.001 | 0.007 |
| 258989 | 851531 | 5 | <0.001 | 0.005 |
| 258990 | 851532 | 37 | 0.001 | 0.037 |
| 258991 | 851533 | <5 | <0.001 | <0.005 |
| 258992 | 851534 | 6 | <0.001 | 0.006 |
| | | | | |

Certified By: Sheng Kapmoning

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| LABORATORIES | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 622-7571 | assay@a | accurassay.com |
|--|-----------------------------------|---------------------|-----------------|----------------|
| Certificate of Analysis | | | | |
| Friday, September 24, 2010 | | | | |
| Kings Bay Gold Corporation 104 Regent Ave E Winnipeg, MB, CAN | ast | | Date Received: | 09/10/2010 |
| R2C 5G2 Ph#: (204) 489-2549 | | I | Date Completed: | 09/24/2010 |
| Email#: info@kingsbaygold.com, archgeo@hot | mail.com | | Job #: | 201043757 |
| | | | Reference: | |
| | | | Sample #: | 60 Core |
| | | | | |
| | | A | A | A |

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|--------|-----|-----------|-----------|------------|-----------------|
| 258993 | | 851535 | 6 | <0.001 | 0.006 |
| 258994 | | 851536 | 12 | <0.001 | 0.012 |
| 258995 | | 851537 | 7 | <0.001 | 0.007 |
| 258996 | | 851538 | 12 | <0.001 | 0.012 |
| 258997 | Dup | 851538 | 12 | <0.001 | 0.012 |
| 258998 | | 851539 | <5 | <0.001 | < 0.005 |
| 258999 | | 851540 | 24 | <0.001 | 0.024 |
| 259000 | | 851541 | 7 | <0.001 | 0.007 |
| 259001 | | 851542 | 9 | <0.001 | 0.009 |
| 259002 | | 851543 | 5 | <0.001 | 0.005 |
| 259003 | | 746766 | 5 | <0.001 | 0.005 |
| 259004 | | 746767 | <5 | <0.001 | <0.005 |
| 259005 | | 746768 | 18 | <0.001 | 0.018 |
| 259006 | | 746769 | <5 | <0.001 | < 0.005 |
| 259007 | | 746770 | <5 | <0.001 | <0.005 |
| 259008 | Dup | 746770 | <5 | <0.001 | < 0.005 |
| 259009 | | 746771 | 5 | <0.001 | 0.005 |
| | | | | | |

Certified By: Sher Kajmoning

The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written

approval of the laboratory

-

| U- LABORATORIES | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 622-7571 | assay@ | accurassay.com |
|--|-----------------------------------|---------------------|-----------------|-----------------|
| Certificate of Analysis | | | | |
| Friday, September 24, 2010 | | | | |
| Kings Bay Gold Corporation 104 Regent | Ave East | | Date Received: | 09/10/2010 |
| Winnipeg, MB, CAN 22C 5G2 | | | Date Completed: | 09/24/2010 |
| Ph#: (204) 489-2549 Email#: info@kingsbaygold.com, archge | eo@hotmail.com | | Job #: | 201043757 |
| | | | Reference: | |
| | | | Sample #: | 60 Core |
| Acc # | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
| 259010 | 746772 | <5 | <0.001 | <0.005 |
| 259011 | 378093 | 525 | 0.015 | 0.525 |
| 259012 | 378094 | 7 | <0.001 | 0.007 |
| 259013 | 378095 | 7 | <0.001 | 0.007 |
| 259014 | 746773 | <5 | <0.001 | < 0.005 |
| 259015 | 746774 | <5 | <0.001 | <0.005 |
| 259016 | 746775 | <5 | <0.001 | <0.005 |
| 259017 | 746776 | <5 | <0.001 | <0.005 |
| 259018 | 746777 | <5 | <0.001 | < 0.005 |
| 259019 Dup | 746777 | <5 | <0.001 | <0.005 |
| 259020 | 746778 | 16 | <0.001 | 0.016 |
| | | | | |

259021

259022

259023

259024 259025

259026

Certified By: Steg Kapmonici

746779

746780

746781 746782

746783

746784

The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written

< 0.001

< 0.001

< 0.001

< 0.001

< 0.001

<0.001

approval of the laboratory

14

<5 5

<5

<5

10

AL903-0130-09/24/2010 9:56 AM

0.014

< 0.005

0.005

< 0.005

< 0.005

0.010

| Certificate of Ana | A T O R I E S | Thunder Bay, ON Canada P7B 5X5 | Fax: (807) 62 | 2-7571 assay@ | accurassay.com |
|---|-------------------------------|-----------------------------------|---------------|-----------------|-----------------|
| Friday, September | 24, 2010 | | | | |
| | orporation 104 Regent Av | e East | | Date Received: | 09/10/2010 |
| Winnipeg, MB, CA R2C 5G2 | | | | Date Completed: | 09/24/2010 |
| Ph#: (204) 489-254 Email#: info@king | 49 gsbaygold.com, archgeo@ | hotmail.com | | Job #: | 201043757 |
| | | | | Reference: | |
| | | | | Sample #: | 60 Core |
| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
| 259027 | | 746785 | <5 | <0.001 | <0.005 |
| 259028 | | 746786 | 7 | <0.001 | 0.007 |
| 259029 | | 746787 | <5 | <0.001 | <0.005 |
| 259030 | Dup | 746787 | 6 | <0.001 | 0.006 |
| 259031 | | 746788 | <5 | <0.001 | <0.005 |
| 259032 | | 746789 | <5 | <0.001 | < 0.005 |
| 259033 | | 746790 | 7 | <0.001 | 0.007 |
| 259034 | | 746791 | 16 | < 0.001 | 0.016 |
| 259035 | | 746792 | 9 | <0.001 | 0.009 |
| 259036 | | 746793 | 35 | 0.001 | 0.035 |
| 259037 | | 746794 | 8 | <0.001 | 0.008 |
| | | | | | |

259038

259039

259040

Certified By: Sheng Kapmoning

378096

378097

378098

The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written

0.020

< 0.001

< 0.001

approval of the laboratory

700

<5

<5

AL903-0130-09/24/2010 9:56 AM

0.700

< 0.005

< 0.005

APPENDIX E Receipts

APPENDIX F

MNR Extension of Time to Submit Assessment Work

Ministry of Northern Development, Mines and Forestry

Provincial Recording Office 3rd Floor, 933 Ramsey Lake Road Sudbury ON P3E 6B5 Tel.: 705 670-5742 Fax: 705 670-5681 Toll Free Tel: 1 888 415-9845 Toll Free Fax: 1 877 670-1444

October 18, 2010

Ministère du Développement du Nord. des Mines et des Forêts

Bureau provincial d'enregistrement minier 3° étage, 933 Chemin du lac Ramsey Sudbury ON P3E 6B5 Tél.: 705 670-5742 Téléc.: 705 670-5681 Numéro sans frais : 1 888 415-9845 Numéro de téléc, sans frais : 1 877-670-1444



Mr. John Archibald President & CEO King's Bay Gold Corporation 130 Minerva Avenue Winnipeg, MB R3V 1X4

<u>SUBJECT:</u> Application for an Extension of Time on Mining Claim K 3014054, located in Menary Township, Kenora Mining Division

Dear Mr. Archibald:

Pursuant to subsection 73(1) of the *Mining Act*, please find enclosed a Recorder's Order granting an extension of time for the performance and reporting of assessment work on the above mining claim.

As outlined in the attached order, the anniversary date has been extended until and including **December 13, 2010.**

Your receipt for the fee is enclosed.

If you have any questions regarding this matter, please contact Linda Hérard, A/Deputy Mining Recorder at 1-888-415-9845 ext. 5848.

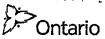
Sincerely,

Clive D. Stephenson, P. Geo. Provincial Mining Recorder

BE/lh Encl.

c. William McNerney

www.ontario.ca/mininglands



Ministry of Northern Development, Mines and Forestry

Mining Recorder's Order

| DIDIO. | 00525 |
|--------|-------|

Ministère du Développement du Nord, des Mines et des Forêts

Ordonnance du registrateur de concessions minières

In the matter of the Mining Act before the Mining Recorder:

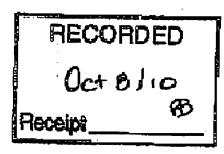
IN THE MATTER OF:

AND IN THE MATTER OF:

UPON:

I FIND:

I ORDER:



En ce qui concerne la Loi sur les mines, devant le registrateur de concessions minières

Mining Claim K3014054, located in Menary Township, Kenora Mining Division, hereinafter referred to as the mining claim,

An application in respect of the mining claim under Section 73 of the Mining Act R.S.O. 1990, M.14, by or on behalf of the Recorded Holder,

Reviewing the application for an extension of time in which to comply with the requirements of the Mining Act.

That the application has been submitted in the prescribed manner and that the fees have been paid.

That the time for performance of the deficiency of work on the mining claim and the filing of proof thereof be, and the same is hereby extended until and including **December 13, 2010** subject however, to the right of any adverse interest.

Clive D. Stephenson Provincial Mining Recorder

Dated at Sudbury Ontario, this 18th day of October, 2010

Pursuant to Subsection 73(2) of the Mining Act R.S.O. 1990, M. 14, this order comes into effect and will be deemed to have been recorded on October 8, 2010