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TRENCHING, GEOLOGY AND GEOCHEMISTRY

OF THE

SOUTH BRUCE GROUP

Skeena Mining Division

Latitude: 56⁰20'N Longitude: 130⁰10'W NTS: 104B/8

| OWNER: | anđ | Newhawk Gold Mines Ltd. Granduc Mines Limited |
|------------|-----|--|
| OPERATOR: | | Newhawk Gold Mines Ltd. 860 - 625 Howe St. Vancouver, B.C. V6C 2T6 |
| REPORT BY: | and | David A. Visagie, B.Sc., P.Geo. Barry McDonough, B.Sc. |

October 15, 1992

Distribution: 2 - Government 2 - Newhawk

SU92-440

GEOLOGICAL BRANCH ASSESSMENT REPORT

22.636

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1.0 INTRODUCTION

The South Bruce claim group is situated within the "Golden Triangle" of north-western British Columbia. The group is part of Newhawk Gold Mines/Granduc Mines' Bruceside property, commonly referred to as Sulphurets. The South Bruce claim group occurs immediately to the south of the Newhawk Gold Mines/Granduc Mines' North Bruce claim group and to the east of Placer Dome's Kerr property. It is underlain by quartz-sericite-pyrite altered Lower Jurassic Hazelton Group rocks locally consisting of andesitic tuffs and flows along with intercalated sediments that have been intruded by guartz-diorite to granodiorite. Previous exploration programs have shown the South Bruce area to host several zones of goldsilver bearing quartz veins and stockwork. Included among these zones are the West, Galena and Gossan Hills, Shore, Bridge and Quartz Hill. In 1992 exploration programs were completed on several of the zones however only the work completed on the Bridge and Quartz Hill is being filed for assessment purposes. A total of 30 man-days were spent mapping and sampling the zones. As a result a total of 22 hand sawn trenches totalling 68.3 metres were cut on the Quartz Hill Zone. Including the channel samples and those taken at the Bridge Zone, a total of 107 rock chip samples were sent for analysis.

2.0 LOCATION AND ACCESS (Figures 1 & 2)

The property is located within the Coast Range Mountains of northwestern B.C., some 65 kilometres northwest of the village of Stewart approximately 920 kilometres northwest of Vancouver, B.C. It is centred at 130[°]10'W, 56[°]20'N occurring on NTS sheet 104B/8. For access purposes supplies were mobilized from Stewart to the Tide Lake airstrip, 35 kilometres to the south then ferried to the property by helicopter. For the 1992 season Frontier Helicopter's Jet Ranger based at Placer Dome's Kerr camp was used for the mobilization of crews and supplies.

3.0 PROPERTY DESCRIPTION (Figure 3)

The South Bruce Group is comprised of the following claims:

| <u>Claim Name</u> | | Record # | Units | Expiry Date | | | |
|-------------------|---|--|--|---|--|--|--|
| River | 3 | 250899 | 2 | Sept 2, 2002 | | | |
| River | 4 | 250939 | 12 | Nov. 3, 2002 | | | |
| River | 5 | 250940 | 2 | Nov. 3, 2002 | | | |
| River | 6 | 250985 | 12 | June 30, 2002 | | | |
| River | 8 | 251022 | 2 | Sept 29, 2002 | | | |
| River | 9 | 251023 | 2 | Sept 29, 2002 | | | |
| River | 10 | 251058 | 12 | July 12, 2002 | | | |
| River | 11 | 251059 | 6 | July 12, 2002 | | | |
| 6 | | 251285 | 4 | Dec. 10, 2002 | | | |
| 7 | | 251286 | 12 | Dec. 10, 2002 | | | |
| | m Name River River River River River River River 6 7 | m Name River 3 River 4 River 5 River 6 River 8 River 9 River 10 River 11 6 7 | m NameRecord #River 3250899River 4250939River 5250940River 6250985River 8251022River 9251023River 10251058River 1125105962512857251286 | m NameRecord #UnitsRiver 32508992River 425093912River 52509402River 625098512River 82510222River 92510232River 1025105812River 11251059662512854725128612 | | | |





| OK# | 8 | | 251287 | 2 | Dec. | 10, | 2002 |
|------|-------|-----|--------|---|------|-----|------|
| Red | River | 51 | 254206 | 2 | June | 28, | 2002 |
| Red | River | 52 | 254207 | 2 | June | 30, | 2002 |
| Red | River | 54 | 254209 | 1 | June | 29, | 2002 |
| OK E | 'r. | | 313086 | 1 | Sept | 9, | 2002 |
| Red | River | Fr. | 313085 | 1 | Sept | 9, | 2002 |

The claims all occur within the Skeena Mining Division and are 60% owned by Newhawk Gold Mines with the remaining 40% being held by Granduc Mines. Newhawk is the project operator.

4.0 PHYSIOGRAPHY AND VEGETATION

The topography of the Sulphurets property is typical of the Coast Range Mountains with steep glaciated U-shaped valleys being the norm. Elevations range from 1070 metres at Sulphurets Glacier to in excess of 1830 metres on some of the mountain ranges. Extensive ice-fields are common throughout the property.

Winters tend to be severe with extensive snowfall and winds while summers tend to be cool and wet. Most of the snowfall occurs between mid-February and mid-April.

Vegetation throughout the property is varied with spruce and fir trees occurring at the lower elevations while lichens, mosses and scrub timber dominate the uplands.

5.0 PROPERTY HISTORY

Exploration in the area dates back to the 1880's when placer gold was located in Sulphurets Creek. In 1935, copper-molybdenum mineralization was located in the vicinity of the Main Copper showing. Until 1959 the property was intermittently evaluated. In 1959, gold and silver values were located in the Brucejack Lake area. Granduc Mines, as a result of this work, staked the main claim area in 1960. Follow-up work included an airborne magnetometer survey, a few ground follow-up magnetometer lines and reconnaissance geology. As a result, copper mineralization was located along the Mitchell-Sulphurets Ridge while gold and silver values were discovered at the base of the Iron Cap area.

In 1961, Granduc drilled 224 metres of packsack core in 32 holes at four locations to test the extent of the known copper showings. Additional prospecting resulted in the discovery of gold/silver mineralization in the Hanging Glacier area and molybdenite on the south side of Mitchell Glacier. In 1962, two diamond drill holes, totalling 611 metres in length, tested molybdenum mineralization in the Quartz Stockwork Zone. In 1968, Granduc drilled 1016 metres in six holes on the Main Copper Zone and mapped the area below the Hanging Glacier.

In 1970, plane table mapping was carried out from the Hanging Glacier to the south edge of the Mitchell Glacier. Granduc in 1974/75 carried out bedrock geochemical sampling and geological reconnaissance and prospecting throughout much of the property.

In 1980, Esso Minerals optioned the property from Granduc and subsequently completed between then and 1985, an extensive program consisting of mapping, trenching, geochemical sampling that resulted in the discovery of several showings including Snowfields, Shore, West and Galena. Esso surrendered its interest in 1985.

In 1985, Newhawk Gold Mines optioned the property from Granduc. Since then it has completed work on several other zones including the Bridge and Quartz Hill. Grab samples, taken in 1991, returned values of up to .114 opt Au for the Bridge and .122 opt for the Quartz Hill Zones.

6.0 1992 WORK PROGRAM

The purpose of the 1992 program was to evaluate the Bridge and Quartz Hill Zones by mapping and sampling. To accomplish the above the following were completed:

- mapping of the zones at a 1:250 scale, with the trenches being mapped at a 1:50 scale,
- ii) rock saw channel sampling of 22 trenches totalling 68.3 metres on the Quartz Hill Zone,
- iii) the taking of 107 rock chip samples from both the trenches and bedrock exposures, and
- iv) the surveying of all trenches at the Quartz Hill Zone and the establishment of survey control points at the Bridge Zone.

The evaluation required 30 man-days of labour. The following personnel were employed for the program:

| D. | Visagie | Senior Geologist |
|----|-----------|--------------------|
| Β. | McDonough | Contract Geologist |
| Β. | Hardy | Contract Geologist |
| т. | Kirby | Technician |
| D. | Kosmynka | Surveyor |
| Β. | Kinney | Labourer |

7.0 REGIONAL GEOLOGY (Figure 4)

The Bruceside property occurs within Stikine Terrane. It is underlain by Upper Triassic and Lower to Middle Jurassic Hazelton Group volcanic, volcaniclastic and sedimentary rocks. The lithostratigraphic assemblage as compiled by Kirkham (1963), Britton and Alldrick (1988), Alldrick and Britton (1991) and Kirkham et al (in preparation) consists (from oldest to youngest)

of alternating siltstones and conglomerates (Lower Unuk Formation); alternating intermediate volcanic rocks and siltstones (Upper Unuk Formation); alternating conglomerates, sandstones, intermediate and mafic volcanic rocks (Betty Creek Formation); felsic pyroclastic rocks and flows, including tuffaceous rocks ranging from dust tuff to tuff breccias and localized welded ash tuffs (Mount Dilworth Formation); and finally alternating siltstones and sandstones (Salmon River and Bowser Formations).

At least three intrusive episodes occur in the area: intermediate to felsic plutons that are probably coeval with volcanic and volcaniclastic supracrustal rocks; small stocks related to Cretaceous Coast Plutonic Complex rocks and minor Tertiary dykes and sills. Stikine Terrane rocks are thought to be part of an island arc sequence that extends from south of Stewart near Anyox, north to the Iskut River for a distance of 150 km.

Folding is commonly exhibited throughout the Hazelton Group rocks with the andesitic tuffs and flows south east of Brucejack Lake being gently warped while Salmon and Bowser Formation rocks tend to be tightly folded. Faulting is common throughout the area with north striking steep normal faults (eg. Brucejack) and west dipping thrusts (eg. Sulphurets, Mitchell).

8.0 PROPERTY GEOLOGY (Figure 5)

The Bruceside property is comprised of both the North and South Bruce claim groups. Mapping has shown the Bruceside property to be underlain by a thick sequence of Lower to Middle Jurassic volcanic and sedimentary rocks of the Hazelton Group that have been intruded by plutons of sub-alkaline composition. This complex has been folded and faulted and is now elongated in a northerly direction. It is bounded to the west by the Coast Crystalline complex and to the east by Bowser Basin sediments.

The oldest rocks on the property are Lower Sediments, reported to have a minimum thickness of 1500 metres, consisting mainly of argillites, siltstone and cherts along with minor amounts of wackes, arenites, tuffs and trachytes. Younger pyroclastic rocks, that range from fine tuff to breccias, are evidence of a major volcanic event in the area. These sometimes contain blocks greater than one metre in size and occur in a northerly trending elongate zone through the central part of the area.

Most of the pyroclastics are of andesitic composition and have been subjected to varying degrees of alteration. These altered tuffs and breccias are host for most of the vein deposits in the Stewart area and are the most favourable host rocks on the Sulphurets property.

The Upper Sediments consist of an extensive sequence of black shales and argillites that are similar in character to the Lower Sediments.

The volcanic-sedimentary sequence is cut by numerous elongated, sub-parallel northerly trending, late stage intrusive plutons that are probably of Mid-Jurassic age. These intrusives range from diorite to granite in composition and appear to be sub-alkaline.

The emplacement of these plutons appears to be related to faulting and associated intense alteration, silicification and mineralization. Sericite and pyrite are the most abundant alteration minerals with other assemblages locally dominated byfeldspar, chlorite and propyllitic minerals. Some clay alteration minerals have also been recognized in the Brucejack Lake Zones. Porphyry copper-gold mineralization occurs in the northern and central parts of the property and is often associated with K-spar and sericitic alteration.

Structurally controlled gold/silver bearing veins occur mainly in volcanic rocks within one kilometre wide zones of intense predominantly sericitic alteration. The veins consist of quartz, minor calcite, and trace to 20% sulphide minerals. These range from simple single veins to complex vein zones and stockworks. Sulphides within these veins consist of pyrite, sphalerite, galena, tetrahedrite, electrum and chalcopyrite along with argentite, pyragerite and polybasite.

9.0 GEOCHEMISTRY

9.1 Field Procedure

At Quartz Hill four distinct vein structures were selected for channel sampling using a cut-off saw. The samples were taken across measured widths, generally perpendicular to the strike of the veins. The channel cuts varied from 4-6 cm in width and were up to 10 cm deep. In addition to the channel samples, measured width rock chip and grab samples were taken at both the Quartz Hill and Bridge Zones. All samples were initially identified in the field, described, stored in plastic bags then sent for analysis. The sample locations for the Quartz Hill Zone are plotted on Figures 6 & 7. While those for the Bridge are on Figure 8. The sample descriptions are listed in Appendix 1.

9.2 Assay Procedure

All of the samples were initially prepped to a pulp stage at Westmin's Premier Mine site assay lab located near Stewart with some of the samples being fire assayed for gold and silver there while the rest were sent to Eco-Tech Labs, 10041 East Trans-Canada Highway, Kamloops, B.C. The following is an outline of the procedure involved in the preparation and assaying of the samples.

i) Sample Preparation

The sample is dried then crushed to 1/4" or finer and riffled to a 250 gram size. This sub-sample is ring pulverized to approximately -100 mesh.

ii) Assay Procedure

Au-Ag: Fire assay, gravimetric finish on 1/2 assay ton sample. Samples sent to Eco-Tech that assayed >0.150 opt Au are screened for metallics and fire assayed.

10.0 GEOLOGY AND ASSAY RESULTS: QUARTZ HILL (Figures 6&7)

The Quartz Hill Zone occurs immediately to the west of the Brucejack Fault in the southern extremity of the claim group. The area is underlain by intense pervasively potassically altered granodiorite in which local zones of quartz-sericite-pyrite alteration are developed in association with some of the larger veins. Throughout the zone extensive quartz vein stockwork occurs in which four distinct parallel west trending, steeply dipping mineralized structures have been located. These structures, designated A, B, C and D consist of quartz vein, stockwork and breccia.

Vein A is primarily a quartz breccia structure that has been traced for over 170 metres with widths variable to two metres. Along strike to the west, the vein is talus covered while to the east it is covered by snow. In the centre of the vein the breccia display distinctive cryptocrystalline zonation. fragments Mineralization consists of trace to 2% pyrite along with trace arsenopyrite. Six trenches tested the zone over a 150 metre strike length. In general, the gold values are anomalous but low being less than .050 opt Au. However in trench QHZ-3 a one metre section assayed 2.826 opt Au with 1.37 opt Ag. This assay is due in part to a narrow cross-cutting sulphide bearing vein in which visible gold was observed. Seventy-five metres along strike to the west a one metre section averaging .184 opt Au with .29 opt Aq was located in trench OHZ-2.

Vein B is located 40 metres south of Vein A. The structure, consisting of quartz stockwork, vein and breccia, has been traced for 225 metres with widths variable to 1.5 metres. It is talus covered to the west while to the east it is snow covered. Within the veins up to 20% pyrite, as disseminations and seams, along with trace arsenopyrite occurs. On occasion the breccia fragments are zoned. Eight trenches tested the vein over its exposed length. Trenching showed Vein B to generally contain anomalous but low, less than 0.050 opt Au, values throughout its length. On occasion narrow, high grade sections occur. The best trench intersection averaged .746 opt Au, .77 opt Ag over 1.3 metres. Within this trench fine grained pyrite was noted to be in association with breccia fragments. Approximately 60 metres along strike to the east a 0.7 metre intersection of the vein assayed .348 opt Au and .58 opt Ag while 32 metres to the west a 1.0 metre section averaged .108 opt Au and .76 opt Ag.

Vein C occurs 20 metres to the south of Vein B and is exposed for 30 metres. The vein pinch and swells along strike with a maximum width of .8 metres. Mineralization consists of 1-2% disseminated pyrite. Two trenches located 25 metres apart tested the zone. The results show the vein to contain low gold values with the best trench averaging 0.014 opt Au with .41 opt Ag over one metre.

Vein D consists of a series of guartz veins that are up to 30 cm wide. The zone has been traced for over a 100 m strike length with the western extension being drift covered. Three trenches tested the zone over a 25 metre strike length. In general the trench assays are low with the best intersection assaying 0.060 opt Au with 0.12 opt Ag over 1.1 metres.

11.0 GEOLOGY AND ASSAY RESULTS: BRIDGE ZONE (Figure 8)

The Bridge Zone is exposed in a 100 m x 100 m nunatuk located within the Sulphurets Glacier in the southern extremity of the claim group. It occurs immediately to the east of the Brucejack Fault. Mapping has shown the area to be underlain by quartzsericite-pyrite altered syenodiorite in which an extensive zone of quartz stockwork and veining occurs. The preferred orientation for the veins is west-northwest with the dips being steep. Within the veins 1-5% disseminated pyrite occurs. Twenty-two rock chip and grab samples were taken from the zone. In general the samples returned anomalous but low, less than .050 opt Au values. A notable exception was a continuous chip sample located in the centre of the zone that assayed 0.211 opt Au and 1.21 opt Ag over 1.9 metres. The along strike length of this zone is not known as no other samples were taken along strike.

12.0 SUMMARY AND CONCLUSIONS

Previous mapping and sampling on the South Bruce Group located several zones of gold bearing quartz vein, stockwork and breccia. Included among these zones are the Bridge and Quartz Hill. A total of 30 man-days of labour were spent evaluating the two zones using mapping, trenching and sampling. As a result a total of 22 hand sawn trenches totalling 68.3 metres in length were cut, 107 rock chip and trench samples taken and the zones mapped at a 1:250 scale. Mapping has shown the Quartz Hill Zone to occur to the west of the Brucejack Fault while the Bridge occurs to the east.

Both zones are underlain by altered intrusive rocks.

At Quartz Hill mapping has shown the area to be underlain by intense pervasively altered granodiorite in which local zones of quartz-sericite-pyrite alteration are developed in association with quartz veining. To date four distinct west trending, steeply dipping, structures composed of guartz veining, stockwork and breccia have been located. These structures, referred to as Veins A, B, C and D are up to 225 metres long with widths variable to 1.5 metres. Mineralization consists of trace to 5% disseminated pyrite with occasional trace arsenopyrite. Although trench values are generally low, less than .050 opt Au, there are in Veins A and B high values that require further work to determine their extent. In Vein A at the intersection of Vein A and a narrow guartz vein in which pyrite and gold were observed a 1 metre sample assayed 2.826 opt Au with 1.37 opt Ag. Seventy-five metres along strike to the west of this intersection a 1 metre channel sample assayed .184 opt There are no trenches between these two Au with .29 opt Au. intersections. At Vein B a 1.3 metre trench averaged 0.746 opt Au with 0.77 opt Ag. Sixty metres along strike to the east a 0.7m channel cut averaged 0.348 opt Au with 0.58 opt Ag while 32 metres to the west a 1 metre sample assayed 0.108 opt Au with 0.76 opt Aq.

At the Bridge Zone mapping has shown quartz-sericite-pyrite altered syenodiorite to host both quartz vein and stockwork. Chip sampling has shown the zone to contain generally low, less than 0.050 opt gold values. An exception to this was a quartz vein located in the centre of the zone that averaged 0.211 opt Au with 1.21 opt Ag over 1.9 metres.

13.0 RECOMMENDATIONS

At Quartz Hill it is recommended that the following work be undertaken:

- i) further mapping and sampling of the zone to determine the extent of the high grade gold values and
- ii) if the results warrant the follow-up drilling of selected targets to determine the consistency of the gold values.

At the Bridge Zone it is recommended that:

i) additional sampling be completed along strike from the chip samples that averaged .211 opt Au with 1.21 opt Ag over 1.9 metres.

14.0 COST STATEMENT

Labour Costs

Total: \$ 6094.00

Total: \$ 3000.00

Total: \$ 1995.00

| D. | Visagìe | Aug. | 10 | 1 day @ \$294/day |
|----|-----------|------|--------------|---------------------|
| Β. | McDonough | Aug. | 13,14,19-26 | 10 days @ \$225/day |
| Β. | Kinney | Aug. | 13-20, 23-26 | 12 days @ \$160/day |
| r. | Kirby | Aug. | 20 | 1 day @ \$190/day |
| D. | Kosmynka | Aug. | 20 | 1 day @ \$190/day |
| Β. | Hardy | Aug. | 27-31 | 5 days @ \$250/day |
| | | | | |

Room & Board

30 man-days @ \$100/day

Trenching Costs

| Rock saw ren | tal \$100 |
|---------------|-----------|
| Hose purchase | e \$100 |
| Pump rental | \$100 |
| Blade purcha | se \$1695 |

Transportation

Total: \$ 4100.00

| Kinney airfare, | . Kelowna | to Smithers | return | \$300 |
|-----------------|-----------|-------------|----------|--------|
| Hardy airfare, | Vancouver | to Terrace | return | \$600 |
| Helicopter: 10 | days @ | 4 hrs∕day x | \$650/hr | \$2600 |

Supplies

Total: \$ 150.00

Flagging, pickets, paint, tags, plastic bags, etc.

Assaying

Total: \$ 1491.00

107 samples x \$13/sample \$1391
5 samples screened x \$20/sample

Report

Total: \$ 1000.00

Writing report, xeroxing, typing, etc.

Sub-total: \$17830.00

Management fee (10%) Total: <u>\$ 1783.00</u>

TOTAL: \$19613.00

15.0 STATEMENT OF QUALIFICATIONS

I, D.A. Visagie of 860 - 625 Howe Street, Vancouver, British Columbia, do hereby declare that:

- I graduated from the University of British Columbia with a Bachelor of Science Degree, majoring in Geology, in 1976.
- 2. I am a registered member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
- 3. I have been steadily employed in the mining industry since 1976 and have been employed by International Northair Mines Ltd. as Senior Geologist since January 1990.
- 4. The work undertaken on the South Bruce group was under my supervision.

Dated at Vancouver, British Columbia, this 15th day of October, 1992

DAU-Ju

Sample Descriptions

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| THE NORTHAI GROUP | | PLE CRIPTION | | | | | Project | Quark | H.11 | | | | | Samp | ier <u>B.M.Donous H</u> |
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| Date | Sample | Туре | 0111-1 | Location | · · · · | 1 | ╢ | Sample I | Data | | L | Ass | ay Data | | Sample Description |
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| и | 17942 | | | | | | , , | 1.0 | 2.0 | 1.0 | | .010 | .087 | | Highly bleached OSP |
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| • 1 | 17943 | | | | | | 11 | 2.0 | 28 | 0.8 | | .006 | .058 | - | 25P cut by many frace |
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وجروا والقادية الدرك وتشريطها التواف

| ate | Sample | Type | | Location | | | | Sample D | ata | | [| - Assa | v Data | Samp | Sample Description |
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| | No. | | Claim | Northing | Easting | Zone | No. | From (m) | To (m) | Int. (m) | Cu | Au | Ag | Alteration |] |
| 23/92 | 17944 | Channel | | | | B'Ver- | QHZ-12 | 28 | 3.6 | 0.8 | | .074 | .612 | | QTBX 1. "oncien |
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| •. | 1-1915 | , · | | | | | 042.12 | 7/11 | 44 | 0.8 | | | .058 | | DCP |
| | 1-1-1-1 | | | | | | Carl. 12 | 3.0% | | | | .006 | | | Const har hy many |
| ••••• | | | | | | | | | | | | | | | String The parts in T |
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| | 170.11 | ,, | | | | | 012.00 | 20 | | | | | .117 | | $O(P(r_{1}, r_{2})) \rightarrow I(r_{1}, r_{2})$ |
| | 17796 | | | | | | KVITE 3 | $\mathcal{O} \mathcal{O}$ | 1.0 | 1.0 | | 012 | 177 | | 1 (Py 1-2/) cut by . / . |
| | | | | | | | | | | + | | | | | Qx W 20.25/0pg loc |
| | | | <u> </u> | | | | | | | | | | | | Tais and an osmat |
| | | | | | | l | | | | | | | ···· | | Strages - 3-5 7. 177 |
| | | | | | | | | | | + | | | | | Interest ands in Gt Ve |
| | 170.17 | | | | | | | | 2 4 | | <u> </u> | | .029 | - | 2 |
| | 11797 | | | | | | | 1:0 | 2.0 | 1.0 | - <u>-</u> | .014 | .### | | Office on Same ver- |
| | | | | | | | | | | + | | <u> </u> | | | Sampled by 17946 1 |
| | | | | | | | | | | | | | | | Henrie CATE OTSLICH |
| | | | <u> </u> | - | | | | | | | | | | | 307, py 4 5%) Thre |
| | | | | + | | | | | | | | | | | Intersects OST w 1-2 |
| | 17948 | | | | | | | 2.0 | 2.9 | 0.9 | | .010 | .117 | | OSP Py 1-27. |
| | -0.10 | | · | | | | | 2.2 | | | | ļ, | | | |
| | 17799 | | | | | | /// | d.9 | 3.95 | -0.7 | | .024 | .117 | | - USP gives way to |
| | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | QTBx (20% veining a |
| | | · | | | | | ╽┝━━━━━┥ | | | ┼───┤ | | | | | · 570 py) Interval en |
| | | | | | | | | | | ╆━━━━┤ | | | | _ | In UTSW (20% UTIMING) |
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| | | | L | | L | | | | | | | | | | and h. py. |

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| THE DORTHAI | R SAM | PLE | | | | | Project | Qua | 6 (4.11 | | | | | Semn | Her B. Mc DONIDUG 14 |
|----------------|---------------|----------|------------------|----------|---------|----------|---------|----------|------------|----------|------------|-----------|-------|------------|------------------------------|
| GROOP | DESC | CRIPTION | <u>יייייי</u> ור | | | | | Complet | <u></u> | | | | | | Sample Description |
| Date | Sample No. | Туре | Claim | Northing | Easting | Zone | No. | From (m) |) To (m) | Int. (m) | Cu | Au | Ag | Alteration | |
| Aug 73/92 | 17950 | Changel | | | | Ven'B | QH2.14 | 0.0 | 0.7 | 0.7 | | .006 | .117 | | QSP (py. 5-192) cut |
| 1-1 | | C-reason | 1 | | | | | | | | | | • | | by small fractures, py |
| | | | | | | | | | | | | | | | Shiraus |
| | | | | | | | | 07 | + | | | | | | DEP(Cold) |
| | 17951 | | ╢──── | | | | | 0.1 | 1.5 | 0.8 | | . 010 | .117 | | Way to OTSW (winning |
| | | | | | | | | | | | | | | | 35%, p. 3-5% / ocally |
| | | | | | | | | | | | | | | | in apy) over last . 15m |
| | 17952 | , , , | | | | | | 1.5 | 2.2 | 07 | | . 348 | 1.575 | | - QTUN/ATEX is zonies |
| | 1112- | | | | | | | | | | | | | | of baco it hust verninghe |
| | | | | | | | | | | | | | | | is 8-10% py (caplacene |
| | | | | | | | | | | | | | | | apy 1-290 and h. sph |
| " | 17953 | | ╢ | | | ., | | 2.2 | 3.0 | 08 | | .024 | .146 | | OSP (742-37) gives |
| | | 1 | | | | | | | | | | | | | way to stuy over |
| | | | | | | | | | | | | <u> </u> | | | last Im Containing to py |
| 1. | 17954 | | ┨───── | | | Venici | 12-15 | 0.0 | 1.0 | 10 | | .002 | .204 | | Hight 5. habed (bleached) |
| | 1.1.21 | | | | | y c in c | | | | | | | | | OSP (uo. ust. :) poss |
| | | | | | | | | | | | | + | | | Ver 5-190 Cut |
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| | 1 | | | | | | -∦ | | | | | | | | hide panen aTVN |
| • • | 17955 | | | | | ** | · (| 1.0 | 2.0 | 1.0 | | .000 | .146 | | Histing s. 1 (bleach. 1) QSA |
| | | | | | | | | | | | | | | | EI-290 ;- , to apy, very |
| | ļ | ļ | 1 | | | | | | | | | | | | 10%) gives way to weak |
| | | | | | | | | | | | | | | | UTSW decession along |
| | | | ┨──── | | | | | | | | | + | | | 1. shuman (1-29) |
| L | 1 | | JL | | | | | | | | / <u> </u> | _ | | | VIY STUDIOS (1 210) |

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| NORTHAI FROUP | R SAM | PLE CRIPTION | | | | | Project | Juark | <u>1-h11</u> | 1 | | <u> </u> | | Sampler / | B. McDorloug H |
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| Date | Sample | Туре | | Location | | | | Sample D | ata | | | Assa | y Data | San | ple Description |
| | No. | | Claim | Northing | Easting | Zone | No. | From (m) | To (m) | Int. (m) | Cu | Au | Ag | Alteration | / |
| Aug 23/92 | 17956 | Cumrol | | | | Vein 'C | P1-12-16 | 0.0 | 1.0 | 1.0 | | .006 | • 379 | - 11 | shy ser alt'd |
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| | 17957 | | | | | | | 10 | 17 | 07 | | | 797 | | Full 1-24 -) And |
| | [/]]] | | | | | | | 1.0 | 1. / | | | | FIL | | CONCLETOPY), FILLION |
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| | 17958 | •. | | | | | ,. | 1.7 | 2.5 | 0.8 | | .008 | .175 | | 1 asp is stringer p- |
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| | 17959 | • • • | | | | | DHILT | 20 | 00 | 2 9 | | 0 | 400 | 7 | DiP Ha build |
| | 11137 | | | | | | CALLET | 00 | 0.0 | 0.0 | | -014 | .705 | | Tunt = 2:29 |
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| ·. | 17960 | ** | | | | \ T | , · | 0.8 | 15 | 0.7 | | 008 | 321 | + 25 | P cut by OTVN/OTSX |
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| The Northa i Group | R SAMI DESC | PLE CRIPTION | | | | | Project _ | Qua T | <u>4.11</u> | | | - | | Samp | Ner B. McDonoug + |
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| Date | Sample | Туре | | Location | | | | Sample Da | ata | | | Assa | y Data | | _ Sample Description |
| | No. | | Claim | Northing | Easting | Zone | No. | From (m) | To (m) | Int. (m) | Cu | Au | Ag | Alteration | |
| Aug 22/90 | 17961 | Channel | | | | ? | QH2-18 | 00 | 0.8 | 0.8 | | . 006 | .117 | | OSPE 170 py ques way |
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| ., | 17962 | ., | | | | | QHZ-19 | 0.0 | 0.8 | 0.8 | | .016 | .292 | | - QSP = 3-57, py and |
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| Date | Sample | Туре | Cisim | Location | - Eastin- | 7000 | No | Sample I | Data | Int (m) | Cu | Ass | Ay Data | | Alteration | Sample Description |
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| ing Northai | R SAMI | PLE | | | | | Project | Juan |) tz Hu | (| | | | Samp |) Ier <u>BMCD</u> |
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| Date | DESC | Type |][| Location | | · · · · · · · · · · · · · · · · · · · | | Sample D | ata | | [| Assa | y Data | | Sample Description |
| Date | No. | .,,,, | Claim | Northing | Easting | Zone | No. | From (m) | To (m) | Int. (m) | Cu | Au | Ag | Alteration | 1 |
| 11/2 | 17971 | Channel | | | | E Voin | QHZ-22 | 0.0 | 0.8 | 0.3 | | .078 | .029 | | QTVN (20% bxcid host) = |
| 1 1 | | | | T | | | | | | | | | • | | h 5 70 py (melmyr. k?) at |
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| | <u> </u> | | 1 | | | | [] | | | | | | | | host replaced by v.f.g. py |
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| | 17071 | | | | | B Ver | OH7-21 | 0.0 | 1.0 | 1.0 | | .010 | 029 | | - QSP. light groy sites |
| | 1/2/7 | | ╢──── | | | 1.5 | | | | | | | | | alt'd GROT & .5-17. |
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| | 170-25 | 1 | | | + | | 12 | 1.0 | 2.0 | 1.0 | | 026 | .117 | | - QSP. Ind - own man |
| | 11.1.2 | | | | | | | | | | | - COLON | | | March Annal E |
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Project BELCESIDE (Briden)

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| nörtha Group | IR SAM | Project <u>Bruces ins</u> (bridge) | | | | | | | Sampler <u>B. Hard</u> | | | | | | | |
|------------------|-----------|--|------------|-------------|---------|----------|---------|------------|------------------------|----------|----|-------|---------|------|------------|---|
| Date | Sample | Туре | | Location | | | | Sample D | ata | | | Ass | ay Data | | | Sample Description |
| | No. | h | Claim | Northing | Easting | Zone | No. | From (m) | To (m) | Int. (m) | Cu | Au | Ag | | Alteration | |
| <u> 23/23/92</u> | 065 | Lhip | | | | Driege | - | - <u>-</u> | 6 | - 5u | | 004 | 0.729 | | | Comprise Qto Les by SX (go) |
| | 01002 | (L,p | | | | | -{} | | 1.5 | | | .072 | 0.402 | | | Committee Charter to + 5"SV (pr.) |
| E/26/92 | 09003 | 1Chip | ╢──── | <u> </u> | | Didge | | <u>o</u> | . 6 | C.bro | | .009 | .16 | | Q5P | ph2 stule (220%) PY (5-10%) |
| | 09004 | <u> </u> | ╢ | | | | -{ | 0 | 1.5 | 1.5 | | .016 | .17 | | | (10-20%) P1/15%) |
| | 0925 | <u> </u> | | | · | | - | 1.5 | 3.0 | 1.5 | | 025 | . Z 5 | | | PY(10%) |
| | 26 | | | | | | | 3.0 | 4.5 | 1.5 | ļ | .032 | .40 | | | (5.10 ¹) ?Y(15 ¹ /.) |
| | 1007 | | ╢──── | | | | -∦ | 4.5 | 6.0 | 1.5 | L | .03/ | .39 | | | (10-15") 74(15") |
| | ್ರುಶ | | | | | | 1 | 0 | .6 | 0.6m | | .443 | .37 | | | Ptz VA (70") PY(20%) |
| | 009 | | | | | | | .'5 | 1.9 | 1.3 | | :248 | .40 | | | 2) tz stuk (5-10%) . P1(15.20%) |
| | oto | | | | | | | 1.9 | 2.3 | 0.4 | | .122 | 2.27 | | | 21/2 VN (90%) PY (210%) |
| | 011 | | | | | | | 23 | 3.4 | 1.1 | | .011 | .34 | 6.71 | | 2/2 stw/2 (10%) P/ (#15%) |
| | 012 | | | | | | | 3.4 | 3.2 | 0.4 | | .849 | 2.53 | Fi | 9 m | (1/2 VN (954.) PY(14.) |
| | 013 | | | | | | | 0 | 1.0 | 1.0 | | .013 | .20 | 2 | | Ut (Cal VN (40". 165%) PY(+) |
| | 014 | | | | | | | 0 | 1.5 | 1.5 | | 010 | .19 | | | 144 JSP PY (10-15 1/2) |
| | 015 | 1 | 1 | | | | | 1.5 | 3.0 | 15 | | 023 | .42 | | | 26x2/5/1/ (2014) PV(2014) |
| | c14 | 1-1 | 1 | | | | | 3.0 | 45 | 15 | | 020 | 14.87 | | | (4) B (2°() Q(2°()) |
| | 017 | 1-1 | 1 | | | | -[| 4.5 | 6.0 | 1.5 | | 027 | 7.02 | | | |
| | 017 | <u>├ </u> | | | | 1-1 | ┨────── | 10 | 7.0 | | | 027 | .30 | | | NTZ VN (80-) / (80-) |
| 0/0/100 | 010 | 01.1 | | | | 2.11 | | 7.0 | 7.0 | 1.0 | | .035 | | | | |
| C126/92 | 01019 | 1 chip | ╢ | <u>}</u> | | Diag | - | | 0.7 | | | .039 | 1.14 | | | Two g-ple to the PY (20) |
| | | | | | | | | + | 1 | | | | | | | |
| | | · +· | | | | | | | | + | | | | | | |
| 8/31/92 | 09020 | cerip | 33m@ 74 | 10 tran St | 220 | Dridge | 040 | 0 | 2.2 | 2.2 | | 0.008 | 0.204 | | Vintusp | Ote YN : Brex Lestore, traces of |
| | + | | | | | <u> </u> | | | | | | | | | | V. Free SX(PY) to bleboard a |
| | | | | | | | -∦ | | · | | | | | | · | rxn_rims. Uh.t. / grey. |
| | · · · · · | ļ | | | | | | | | | | | | | | |
| | 09021 | Ce:p | 18.1-03 | 23° fro- SH | - 220 | Bridge | 010 | 0 | 1.5 | 1.5 | | 0.396 | 0.292 | | v.intQSP. | Q+SW: 40% wtz & 50% Ry co shingso |
| | | ļ | | ļ | | | ╢ | | | | | | | | | and diss DK grey hull. to. |
| | ļ | | | | | | | | | | | | | | | |
| | 01022 | (e:p | 15.0 ~ p C | p4° fra St | h 220 | bridge | 020° | 0 | 2.2 | 2.2 | | 0.020 | 0.204 | | Vi-top | WHEN: DO" WHE # GUT Py as dis |
| | | <u> </u> | | | | | | | | | | | | | | ad string in Dhave White |

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| ROUP | DESC | RIPTION | | | | | Project & Marz Hill | | | | | - | | Samp | Sample Description |
|------|--------|---------------------------------------|-------|----------|---------|-------|---------------------|-----------|--------|----------|----|------------|----------|------------|------------------------|
| ate | Sample | Туре | Claim | Location | Faeting | Zope | No | Sample Da | To (m) | Int. (m) | Cu | Assa Au | Ag | Alteration | Sample Description |
| ×100 | NO. | 61 | Ciaim | COR2E N | 2071F | 20110 | | | | | | - 050 | 28 | | - 2k bucca = 40%. |
| 2492 | 11782 | Grag | | 51WS/ | avare | | 1 | | | | | | | | Hein matural, py 1-2 |
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| | | | | | | | | 1 | | | | 1 | | | |
| tr | 17982 | • • • | | 60095N | 2012E | | 1 | | | | | .0// | .06 | | . I'm blowout along |
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| ,, | 17984 | " | | 5991N | 2018E | | | | | | | .028 | .08 | | 2th ver Stockwork |
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| | | | | | | | | | | | | | | | 15 1-29. diss py. |
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| | | | | | | | _ | | | | | <u> </u> | <u> </u> | | material) Py 2:3%, |
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Appendix 2 Assay Results

WESTMIN RESOURCES LIMITED PREMIER GOLD PROJECT ASSAY LABORATORY

CERTIFICATE OF ASSAY

TO: BRUCE MCLEOD

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PROJECT >>> NEWHAWK -- GOLD

| ASSAY LAB | DATE: FILE: | 08-25-92 A082592,ALH |
|---------------|----------------|-------------------------|
| TRANSFER TEXT | FILE: PAGE: | NG082592.0TH |
| SAMPLE | TYPE: | ORIGINALS |

SAMPLE IDENTITY

Au Oz∕t

| 17901 | 0.014 |
|-------|--------|
| 17902 | 0.026 |
| 17903 | 0.008 |
| 17904 | 0.028 |
| 17905 | 0.024 |
| 17906 | 0.012 |
| 17907 | 0.024 |
| 17908 | 0.016 |
| 17909 | 0.000 |
| | V* V/G |

| PREMIER | GOLD | PROJECT | ASSAY | LABORATORY. | | | | |
|--------------|------|---------|-------|-------------|--|--|--|--|
| certified by | | | | | | | | |

CERTIFICATE OF ASSAY

TO: BRUCE MCLEOD

.

PROJECT >>> NEWHAWK -- SILVER

| | DATE: | 08-25-92 |
|---------------|--------|--------------|
| ASSAY LAB | FILE: | A082592.ALC |
| TRANSFER TEXT | FILE: | NS082592.0TC |
| | PAGE: | З |
| SAMPLE | TYPE: | ORIGINALS |
| | ====== | |

SAMPLE IDENTITY Ag g∖ton

| 17901 | 5.0 |
|-------|------|
| 17902 | 5.0 |
| 17903 | 11.0 |
| 17904 | 7.0 |
| 17905 | 5.0 |
| 17906 | 5.0 |
| 17907 | 5.0 |
| 17908 | 7.0 |
| 17909 | 8.0 |

PREMIER GOLD PROJECT ASSAY LABORATORY.

CERTIFICATE OF ASSAY

PROJECT >>> NEWHAWK -- GOLD

TO: BRUCE MCLEOD

| ASSAY LAB | DATE: FILE: | 08-28-92 A082892.ALA |
|---------------|----------------|-------------------------|
| TRANSFER TEXT | FILE: PAGE: | NG082892.0TA 3 |
| SAMPLE | TYPE: | ORIGINALS |

| SAMPLE | Au |
|----------|------|
| IDENTITY | Oz/t |
| | |

| 17910 | 0.014 |
|-------|-------|
| 17911 | 2.826 |
| 17912 | 0.042 |
| 17913 | 0.090 |
| 17914 | 0.164 |
| 17915 | 0.046 |
| 17916 | 0.074 |
| 17917 | 0.034 |
| 17918 | 0.026 |
| 17919 | 0.022 |
| 17920 | 0.008 |
| 17921 | 0.010 |
| 17922 | 0.008 |
| 17923 | 0.005 |
| 17924 | 0.004 |
| 17925 | 0.006 |
| 17926 | 0.044 |
| 17927 | 0.046 |
| 17928 | 0.050 |
| 17929 | 0.108 |
| 17930 | 0.042 |
| 17931 | 0.038 |
| 17932 | 0.020 |
| 17933 | 0.054 |

PREMIER GOLD PROJECT ASSAY LABORATORY.

certified by ... M. O. A. M.

CERTIFICATE OF ASSAY

TO: BRUCE MCLEOD

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PROJECT >>> NEWHAWK -- GOLD

| ASSAY LAB | DATE: FILE: | 08-28-92 A082892.ALA |
|---------------|----------------|-------------------------|
| TRANSFER TEXT | FILE: | NG082892.0TA |
| | PAGE: | 4 |
| SAMPLE | TYPE: | ORIGINALS |
| | ======: | |
| | | |

| SAMPLE | Au |
|----------|-------|
| IDENTITY | Oz/t |
| 17934 | 0.002 |
| 17935 | 0.104 |
| 17936 | 0.016 |
| 17937 | 0.018 |
| 17938 | 0.020 |
| 17939 | 0.102 |
| 17940 | 1.494 |
| | |

PREMIER GOLD PROJECT ASSAY LABORATORY.

CERTIFICATE OF ASSAY

PROJECT >>> NEWHAWK -- SILVER

| TO: | BRUCE | MCLEOD |
|-----|-------|--------|
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| ASSAY LAB | DATE: FILE: | 08-27-92 A082792.ALF |
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| TRANSFER TEXT | FILE: | NS082792.OTF |
| | PAGE: | 3 |
| SAMPLE | TYPE: | ORIGINALS |
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| SAMPLE | Ag |
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| IDENTITY | g∖ton |

| 17910 | 6.0 |
|-------|------|
| 17911 | 47.0 |
| 17912 | 14.0 |
| 17913 | 15.0 |
| 17914 | 10.0 |
| 17915 | 8.0 |
| 17916 | 10.0 |
| 17917 | 5.0 |
| 17918 | 10.0 |
| 17919 | 5.0 |
| 17920 | 4.0 |
| 17921 | 1.0 |
| 17922 | 1.0 |
| 17923 | 2.0 |
| 17924 | 2.0 |
| 17925 | 3.0 |
| 17926 | 15.0 |
| 17927 | 13.0 |
| 17928 | 9.0 |
| 17929 | 26.0 |
| 17930 | 7.0 |
| 17931 | 5.0 |
| 17932 | 4.0 |
| 17933 | 12.0 |
| | |

PREMIER GOLD PROJECT ASSAY LABORATORY.

certified by

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CERTIFICATE OF ASSAY

TO: BRUCE MCLEOD

PROJECT >>> NEWHAWK -- SILVER

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| SAMPLE | Ag |
|----------|-------|
| IDENTITY | g∖ton |
| 17934 | 4.0 |
| 17935 | 9.0 |
| 17936 | 3.0 |
| 17937 | 7.0 |
| 17938 | 9.0 |
| 17939 | 16.0 |
| 17940 | 41.0 |
| | |

PREMIER GOLD PROJECT ASSAY LABORATORY. certified by ..

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CERTIFICATE OF ASSAY

TO: BRUCE MCLEOD

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PROJECT >>> NEWHAWK -- GOLD

| | DATE: | 08-28-92 |
|---------------------|---------|--------------|
| ASSAY LAB | FILE: | A082892.ALH |
| TRANSFER TEXT | FILE: | NG082892.OTH |
| | PAGE: | 1 |
| HIPMENT 8:) SAMPLE | TYPE: | ORIGINALS |
| | ======: | |

SAMPLE IDENTITY Au Oz∕t

| 17941 | 0.034 |
|-------|-------|
| 17942 | 0.010 |
| 17943 | 0.006 |
| 17944 | 0.074 |
| 17945 | 0.006 |
| 17946 | 0.012 |
| 17947 | 0.014 |
| 17948 | 0.010 |
| 17949 | 0.024 |
| 17950 | 0.006 |
| 17951 | 0.016 |
| 17952 | 0.348 |
| 17953 | 0.024 |
| 17954 | 0.002 |

PREMIER GOLD PROJECT ASSAY LABORATORY.

certified by

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CERTIFICATE OF ASSAY

TO: BRUCE MCLEOD

PROJECT >>> NEWHAWK -- GOLD

| | DATE: | 08-28-92 |
|---------------|-------|--------------|
| ASSAY LAB | FILE: | A082892.ALH |
| TRANSFER TEXT | FILE: | NG082892.OTH |
| | PAGE: | 2 |
| SAMPLE | TYPE: | ORIGINALS |
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| SAMFLE | Au |
|----------|-------|
| IDENTITY | Oz/t |
| 17955 | 0.006 |
| 17956 | 0.006 |
| 17957 | 0.010 |
| 17958 | 0.008 |

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CERTIFICATE OF ASSAY

TO: BRUCE MCLEOD

PROJECT >>> NEWHAWK -- SILVER

| | DATE: | 08-28-92 |
|---------------|--------------------|--------------|
| ASSAY LAB | FILE: | A082892.ALI |
| TRANSFER TEXT | FILE: | NS082892.0TI |
| | PAGE: | 1 |
| SAMPLE | TYPE: | ORIGINALS |
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SAMPLE IDENTITY Ag g∖ton

| 17941 | 36.0 |
|-------|------|
| 17942 | 3.0 |
| 17943 | 2.0 |
| 17944 | 21.0 |
| 17945 | 2.0 |
| 17946 | 4.0 |
| 17947 | 1.0 |
| 17948 | 4.0 |
| 17949 | 4.0 |
| 17950 | 4.0 |
| 17951 | 4.0 |
| 17952 | 54.0 |
| 17953 | 5.0 |
| 17954 | 7.0 |

PREMIER GOLD PROJECT ASSAY LABORATORY.

certified by

CERTIFICATE OF ASSAY

TO: BRUCE MCLEOD

PROJECT >>> NEWHAWK -- SILVER

| ASSAY LA TRANSFER TEX SAMPL | DATE: B FILE: T FILE: PAGE: E TYPE: | 08-28-92 A082892.ALI NS082892.OTI 2 ORIGINALS | |
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| SAMPLE | Ag |
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| IDENTITY | g\ton |
| 17955 | 5.0 |
| 17956 | 13.0 |
| 17957 | 10.0 |
| 17958 | 6.0 |

PREMIER GOLD PROJECT ASSAY LABORATORY.

Ship # 943

CERTIFICATE OF ASSAY

PROJECT >>> NEWHAWK -- GOLD

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TO: BRUCE MCLEOD

| | | DATE: | 09-08-92 | |
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| | ASSAY LAB | FILE: | A090892. | ALB |
| | TRANSFER TEXT | FILE: | NG090892 | .OTB |
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SAMFLE IDENTITY

17959 17960 0.014

0.008

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PROJECT >>> NEWHAWK -- SILVER

TO: BRUCE MCLEOD

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| | DATE: | 09-09-92 | |
|---------------|-------------------|--------------|------|
| ASSAY LAB | FILE: | A090992.ALB | |
| TRANSFER TEXT | FILE: | NS090992.0TB | |
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PREMIER GOLD PROJECT ASSAY LABORATORY. certified by

CERTIFICATE OF ASSAY

PROJECT >>> NEWHAWK -- GOLD

TO: BRUCE MCLEOD

| | | | DATE: | 08-28-92 | |
|-----------|----------|---------|-------|--|----|
| | ASSAY | LAB | FILE: | A082892.ALC | |
| | TRANSFER | TEXT | FILE: | NG082892.0TC | |
| SILLOMENT | ¬· \ | | PAGE: | 1 | |
| JAIPMENT | F SA SA | MPLE | TYPE: | ORIGINALS | |
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SAMFLE IDENTITY

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| 17961 | 0.006 |
|-------|-------|
| 17962 | 0.016 |
| 17963 | 0.022 |
| 17964 | 0.002 |
| 17965 | 0.060 |

PREMIER GOLD PROJECT ASSAY LABORATORY. K.U.d. certified by ...

CERTIFICATE OF ASSAY

TO: BRUCE MCLEOD

PROJECT >>> NEWHAWK -- SILVER

DATE: 08-28-92

ASSAY LAB FILE: A082892.ALB TRANSFER TEXT FILE: NS082892.0TB PAGE:

| | TRANSFER TEXT | FILE: | NS082892.0TB |
|---------------|---------------|-------|--------------|
| | | PAGE: | 1 |
| (SHIPMENT 7:) | SAMPLE | TYPE: | ORIGINALS |
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SAMPLE IDENTITY

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Ag g∖ton

| 17961 | 4.0 |
|-------|------|
| 17962 | 10.0 |
| 17963 | 6.0 |
| 17964 | 3.0 |
| 17965 | 4.0 |

PREMIER GOLD PROJECT ASSAY LABORATORY. certified by ...

CERTIFICATE OF ASSAY

PROJECT >>> NEWHAWK -- GOLD

TO: BRUCE MCLEOD

| ASSAY LAE TRANSFER TEXT SAMPLE | DATE: FILE: FILE: PAGE: TYPE: | 09-24-92 A092492.ALA NG092492.DTA 5 ORIGINALS |
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| SAMPLE | Au |
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| IDENTITY | Oz/t |

| 17971 | 0.078 |
|-------|-------------------------------|
| 17972 | \circ . \circ t \otimes |
| 17973 | 0.084 |
| 17974 | 0.010 |
| 17975 | 0.026 |

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| certified by Alal | | | | |

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CERTIFICATE OF ASSAY

TO: BRUCE MCLEOD

PROJECT >>> NEWHAWK -- SILVER

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| ASSAY LAB | DATE: FILE: | 09-24-92 A092492.ALB |
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| TRANSFER TEXT | FILE: | NS092492.0TB |
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| SAMPLE | TYPE: | ORIGINALS |
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| SAMPLE | Ag |
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| 17972 | 1.0 |
| 17973 | ទ.ៈ |
| 17974 | 1.0 |
| 17975 | 4.0 |

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Trench no. Sample no. Au BZ92-1 9004 " 9005 9006 " 1 11 9007 BZ92-2 9008 п 9009 9010 9011 " 9012 BZ92-3 9014 9015 11 " 9016 9017 1 ... 9018 ... 9019 GRAB 9001 9002 GRAB GRAB 9003 GRAB 9013 GRAB 9020 GRAB 9021 GRAB 9022

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| э. | Au oz/t | Ag oz/t | Width(m) |
|----|---------|---------|----------|
| | 0.016 | 0.17 | 1.50 |
| | 0.025 | 0.25 | 1.50 |
| | 0.032 | 0.40 | 1.50 |
| | 0.031 | 0.39 | 1.50 |
| | 0.013 | 0.37 | 0.60 |
| | 0.018 | 0.40 | 1.30 |
| | 0.122 | 2.27 | 0.40 |
| | 0.011 | 0.34 | 1.10 |
| | 0.849 | 2.53 | 0.40 |
| | 0.010 | 0.18 | 1.50 |
| | 0.023 | 0.43 | 1.50 |
| | 0.029 | 14.82 | 1.50 |
| | 0.027 | 0.35 | 1.50 |
| | 0.035 | 0.72 | 1.00 |
| | 0.039 | 1.14 | 1.50 |
| | 0.004 | 0.73 | - |
| | 0.072 | 0.41 | |
| | 0.009 | 0.16 | |
| | 0.020 | 0.20 | - |
| | 0.008 | 0.20 | - |
| | 0.396 | 0.29 | |
| | 0.020 | 0.20 | - |