MAP No.

105 D 2/3

ASSESSMENT REPORT [X]
PROSPECTUS [ ]
CONFIDENTIAL [X]
OPEN FILE [ ]

DOCUMENT NO.: 091943

MINING DISTRICT: WHITEHORSE

TYPE OF WORK: TRENCHING/DRILLING

REPORT FILED UNDER: Shakwak Exploration Co. Ltd.

DATE PERFORMED: Aug. 20 - Sept. 21, 1986 DATE FILED: April 29, 1987

LOCATION		AREA:
LAT.	60°12'N	WHEATON RIVER
LONG.	135°01'W	

CLAIM NAME & NO.

MAX 1-39 YA78520-YA78558
PIE 1F-8F YA93937-YA93944

VALUE $ 3,200.00

WORK DONE BY: D.H. Waugh

WORK DONE FOR: Shakwak Exploration Co. Ltd.

DATE TO GOOD STANDING

REMARKS: #112 ODD

091943

OFFICE OF THE REGIONAL MANAGER
MINERAL RIGHTS
APR 29 1987
WHITEHORSE
YUKON TERRITORY

RECEIVED
APR 28 1987
MINING
RECORDERS OFFICE
WHITEHORSE, Y.T.

ASSESSMENT REPORT

on the
DICKSON HILL PROPERTY
Project 314

Claims:
MAX 1-39 (YA78520-YA78558)
PIE 1F-8F (YA93937-YA93944)

N.T.S. 105-D-2, 105-D-3
Whitehorse Mining Division
Wheaton River District

Latitude: 60°12' North
Longitude: 135°01' West

FIELD WORK:
TRENCHING/DRILLING PROGRAM
(August 20 - September 21, 1986)

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for:
Shakwak Exploration Company Ltd.
Suite 123 - 470 Granville Street
Vancouver, B.C.
V6C 1V5

by:
D. H. Waugh, Geologist
Whitehorse, Y.T.

April 1987

09.543

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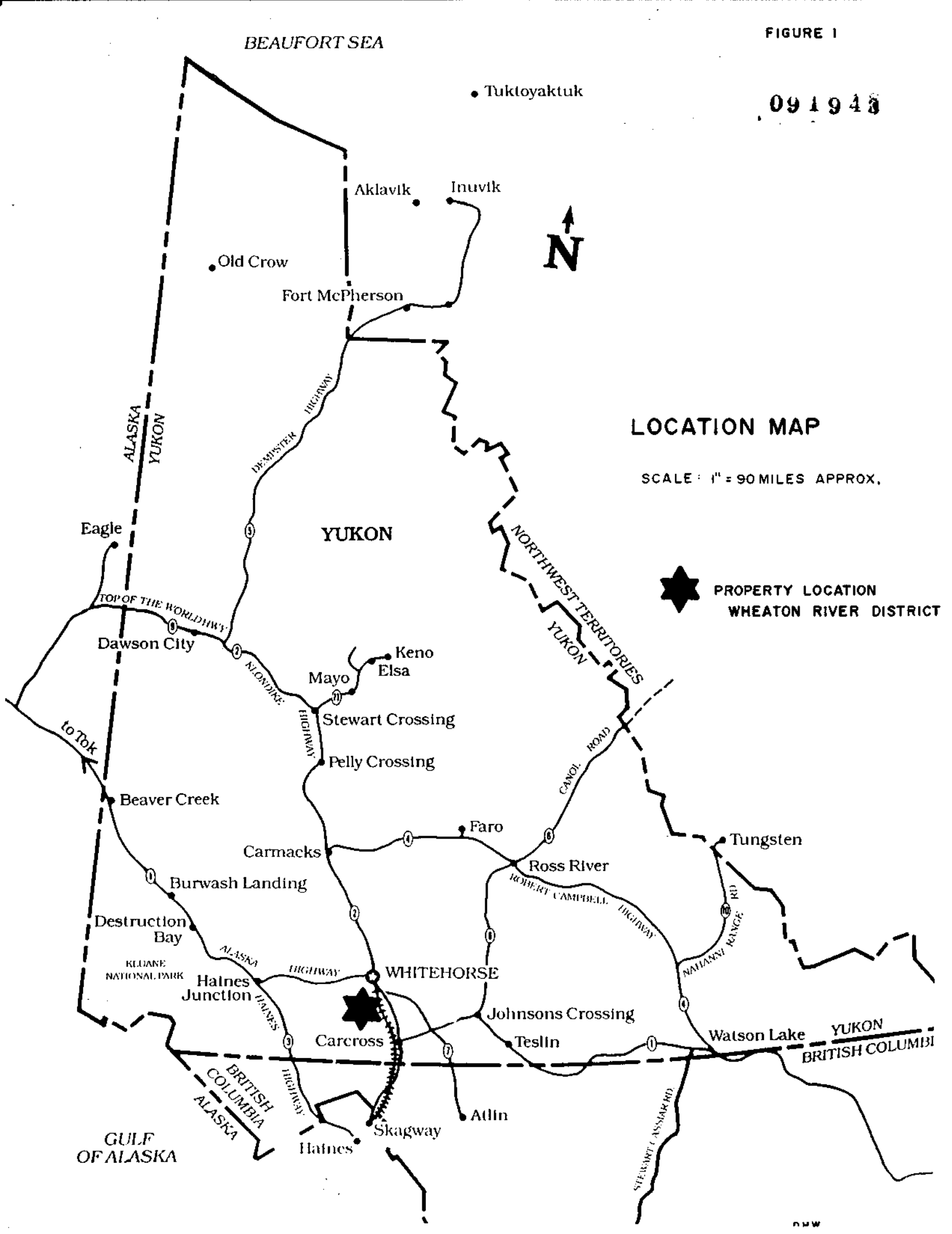
FIGURE 1

091943



SUMMARY

The Dickson Hill property is held under option from AGIP Canada Ltd. by Shakwak Exploration Company Ltd. and includes the MAX 1-39, PIE 1F-8F and KAL 6F and 7F claims. The property is located on Claim Sheets 105-D-2 and 105-D-3 in the Whitehorse Mining Division, Wheaton River District of the Yukon Territory at latitude 60°12'N and 135°01'W.

Preliminary exploration work on the MAX claim group in 1981 by Dupont and by Shakwak Exploration in 1984 and 1985 outlined, by means of geochemical stream silt sampling, soil sampling and limited rock geochemistry, several anomalous gold and silver values (see Figure 7 of this report and G. Macdonald, 1985, Assessment Report, MAX 1-39 Claims). A quartz vein which showed evidence of previous limited hand trenching was relocated and partly exposed by bulldozer trenching in September 1984. The wide (up to three meters) quartz vein carries minor tetrahedrite, chalcopyrite and is malachite stained along the footwall portion. The short November 1984 diamond drill program totalling 125.3 meters tested this vein with one hole. DDH 84-2 intersected 2.62 meters of quartz vein, of which the first 1.36 meters of hangwall vein material assayed 1.34 ounces of gold and 0.54 ounces of silver per ton.

A two-phased exploration program was recommended by the company's consultant, J. E. Wallis, P.Eng., for the 1986 field season. The first phase was not conducted, in favour of a more extensive trenching and drilling program. A total of 25 trenches were cut and stripping to bedrock was also carried out to check the anomalous geochemical soil results and to expose bedrock to assist with geological interpretation of the claims, particularly in the areas covered by Grid A and Grid B (see Figures 5, 6 and 7 of this report).

Stripping the quartz vein, located at 10,000N on the baseline of Grid A, revealed that the vein is limited to 22 meters in length and is fault/shear bounded at either end. Sampling of the vein on surface at three locations failed to provide the high grade values obtained in DDH 84-2 and discussed above. The 1986 drill holes DDH 86D-7, 8 and 11 were drilled to test the strike and dip extensions of this vein but failed to intersect significant veining (see Figure 7 and Drill Logs located in the Map Pocket and Appendix C of this report).

Encouraging assays were obtained for Trench B located on Grid B at 1700N on the baseline. Gold values of 0.211 oz/ton (sample #20020) and 25,500 ppb (sample #20056) were obtained from a 4" wide quartz-calcite vein located in strongly sheared and altered metabasalt. DDH 86D-5 was drilled to intersect the down-dip extension of this vein. A narrow 0.1 m (3.3") barren quartz vein was intersected at the approximate expected intercept of 16.3 to 16.4 meter depth. This vein has not yet been sampled. Other barren to

weakly mineralized core sections having minor pyrite mineralization in quartz-calcite veinlets and stringers gave very low gold values (see Figure 8 - Drill Section 90°, DDH 86D-5).

DDH 86D-12 located in Trench 6 (see Figures 6 and 9) intersected a 0.25 meter section of metabasalt containing calcite-quartz veining and stringers. This section, 47.0 to 47.25 meters, assayed 0.180 oz/ton gold and contained approximately 2% pyrite.

In all, 48 rock samples were taken from the trenches. All samples were assayed for gold and some were tested for silver. A total of 38 core samples were also analyzed by Bondar-Clegg and Rossbacher Laboratory for gold and several samples for silver. The results of all analyses are included in Appendix B of this report. Some values are also plotted on drill sections and plan maps (see Figures 5, 7, 8 and 9).

Results of the 1986 trenching and drilling on the Dickson Hill property were moderately encouraging. The wide quartz vein located in Trench A at 10,000N on the baseline of Grid A is limited along-strike by two vein terminating shears or possibly offset by the multiple shear/fault sets. The vein appears to be lens shaped, at least in the horizontal dimension, and likely in the vertical direction also. Gold values are erratic, as evidenced by surface and drill core sampling. However, the surface values obtained from Trench B and drill hole 86D-12 are encouraging although narrow and somewhat low. Because of the low concentration of pyrite mineralization and near absence of other sulfide minerals, the property does not lend itself well to geophysical prospecting methods for possible or presently undetected gold-bearing structures. The strong shearing associated with known gold occurrences on the MAX claims may, on the other hand, be detected using the VLF-EM-16 method of measuring in-phase and quadrature components of the vertical electromagnetic field. Much of the property has not been explored and overburden, although shallow in most areas, covers better than 98% of the surface area. It is conceivable that subsurface structures bearing economic gold mineralization exist on the property, and it is therefore recommended that any additional work be focused on locating major structures and drill testing the same along-strike and at depth.

POST 1 MAX 1&2, PIE 3F

ROAD TO WHEATON 12 KM

TRENCH 22

GRID B

1900N

1800N

1700N

1600N

Sample no. 20020 0.21 oz/ton Au
no. 20056 25500 ppb Au

vein trace ?

86D-5

86D-6

TRENCH 8

1440N

1260N

2440E

FIGURE 6

FIGURE 6

5300'

86D-13

86D-12

FIGURE 7

GRID A

5200'

84-2

84-1

84-2

86D-7

86D-9

1000N

920N

2200E

2000E

TRENCH 23

FIGURE 7

DICKSON HILL

4500'

4600'

4700'

4800'

4900'

5000'

5100'

5200'

5300'

BL 2000E

60°12'

135°00'

SHAKWAK EXPLORATION COMPANY LIMITED

DICKSON HILL MAX GROUP

WHEATON RIVER–TALLY-HO MOUNTAIN DISTRICT
WHITEHORSE MINING DISTRICT, YUKON TERR.

GRID LOCATION MAP

FIGURE 5

SCALE:	DATE:	MAP SHEET:	TECHNICAL:	DRAFTING:
1: 5000	MARCH 1987	105-D-3	D.WAUGH	D.H.W.

D.H. WAUGH, CONTRACT GEOLOGICAL SERVICES

INTRODUCTION

Shakwak Exploration Co. Ltd. carried out an initial exploration program on the MAX 1-39 claims (YA78520-YA78558) during the summer of 1984. A grid was established (Grid A) and geochemical and geophysical surveys were conducted; an access road was also constructed. In November of 1984, following the claim anniversary date of October 14th, four diamond drill holes totalling 125.6 meters of NQ core were completed. Three of these holes were drilled to test the soil geochemical anomaly (see Figure 7 in the Map Pocket of this report), with inconclusive results. The fourth hole, 84-2, was drilled to intersect the down-dip extension of the three-meter-wide quartz vein exposed at 10+00N on the grid baseline. A core sample from 7.0 to 7.6 meters assayed 2.141 oz of gold per ton and 0.96 oz silver. The sample from 7.6 to 8.36 meters assayed 0.704 oz Au and 0.2 oz Ag per ton. The balance of the 1.36 meters of vein quartz sampled averaged about 0.02 oz Au per ton and negligible silver values (see Figure 7 - Map Pocket - Composite Plan Map, Dickson Hill Property, showing 1984 drill section and assay values).

In 1985, Grid A was expanded and additional soil samples were collected on this grid and to the northwest in the vicinity of the gully where previous contour sampling showed high gold values. A small grid was established (Grid B) (see Figure 5, Grid Location Map) and soil sampled. Values up to 1300 ppb in gold were obtained.

Subsequently, a two-phase program was recommended by J. E. Wallis, P.Eng. in his June 19, 1986 Preliminary Exploration Report. Phase I recommended extension of the grid system, geochemical sampling, I.P. surveying, limited bulldozer trenching and road upgrading. Phase 2 recommended 1,000 feet of NQ diamond drilling.

Phase I was only partly carried out in favour of additional bulldozer trenching and diamond drilling. This report briefly describes the previous work conducted and the August-September 1986 trenching-drilling program carried out under the author's supervision and direction.

LOCATION AND ACCESS

The MAX claims are located on Dickson Hill in the Wheaton River District of the Yukon Territory, Area Map Sheet 105-D-2.

Access is from Whitehorse via the Alaska Highway to the Carcross-Skagway Road, and then via the Wheaton River Road and from the Wheaton River Road up a tote road along Partridge Creek - a total distance of some 92 kilometers. Increased exploration and development activity in the area since 1983 has resulted in considerable improvements to the Wheaton River Road, and all-weather transportation to the claim area is now available.

Geographical co-ordinates of the property are 60°12' north latitude and 135°01' west longitude.

PROPERTY OWNERSHIP

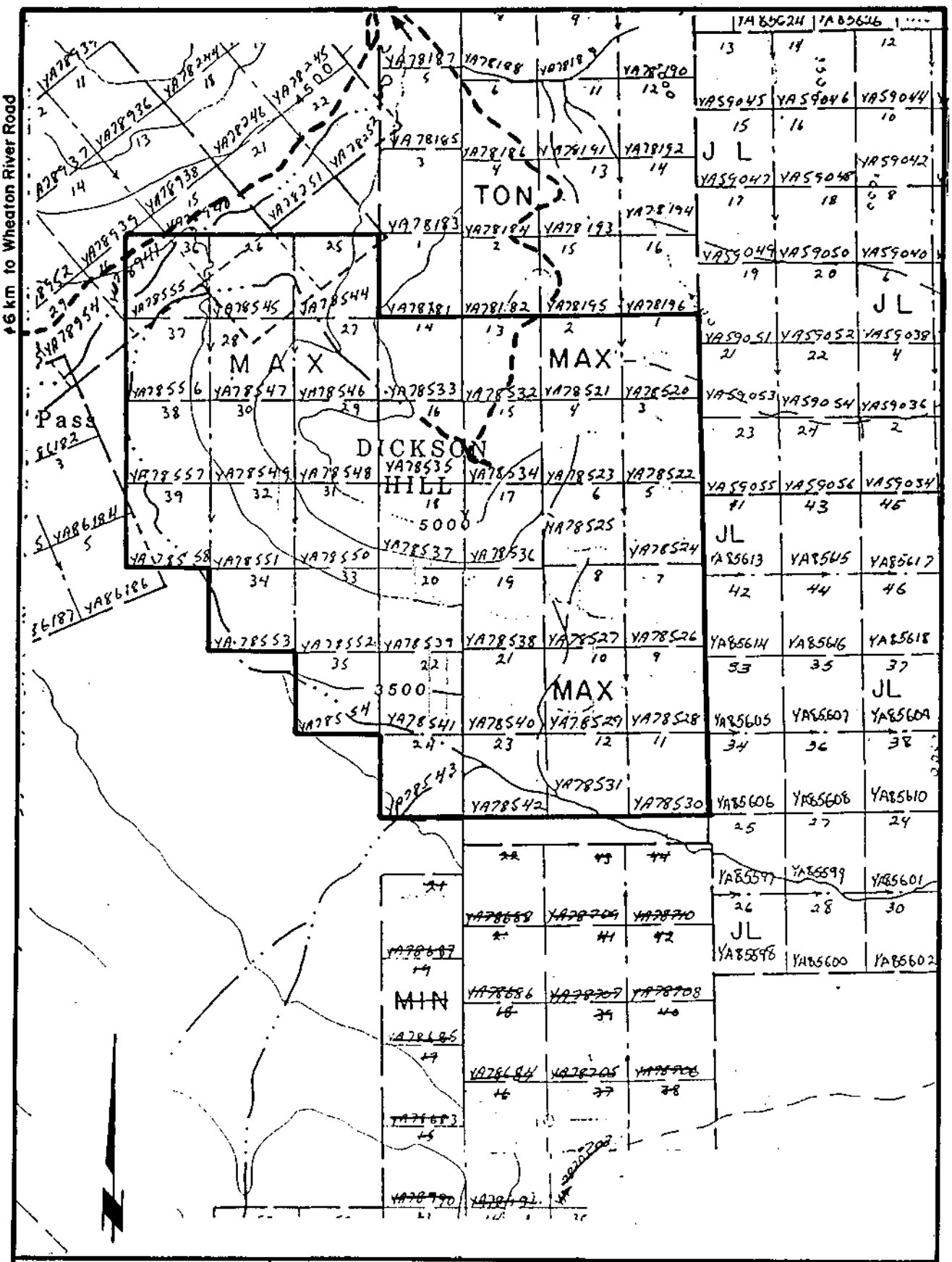
The MAX claims are owned by AGIP Canada Ltd. and are held under option by Shakwak Exploration Company Ltd. MAX claims number 1 to 39 inclusive (grant numbers YA78520 to YA78558 inclusive) are located on the Dickson Hill Area Map Sheet 105-D-2.

During the 1985 season, Underhill and Underhill, Land Surveyors, were contracted to survey a portion of the MAX claims and to locate claims over some existing fractions. As a result, the PIE 1-8 claims (YA93937-YA93944) were staked on October 25, 1985 and recorded on November 5, 1985.

In 1986, KAL 6F and KAL 7F claims (YA96478 and YA96479) were staked on October 21, 1986 and recorded on October 28, 1986.

Property location is shown on Figure 1, Location Map; Figure 2, Claim Location Map; and Figure 3, Claim Map.

FIGURE 2



CLAIM LOCATION MAP
MAX GROUP

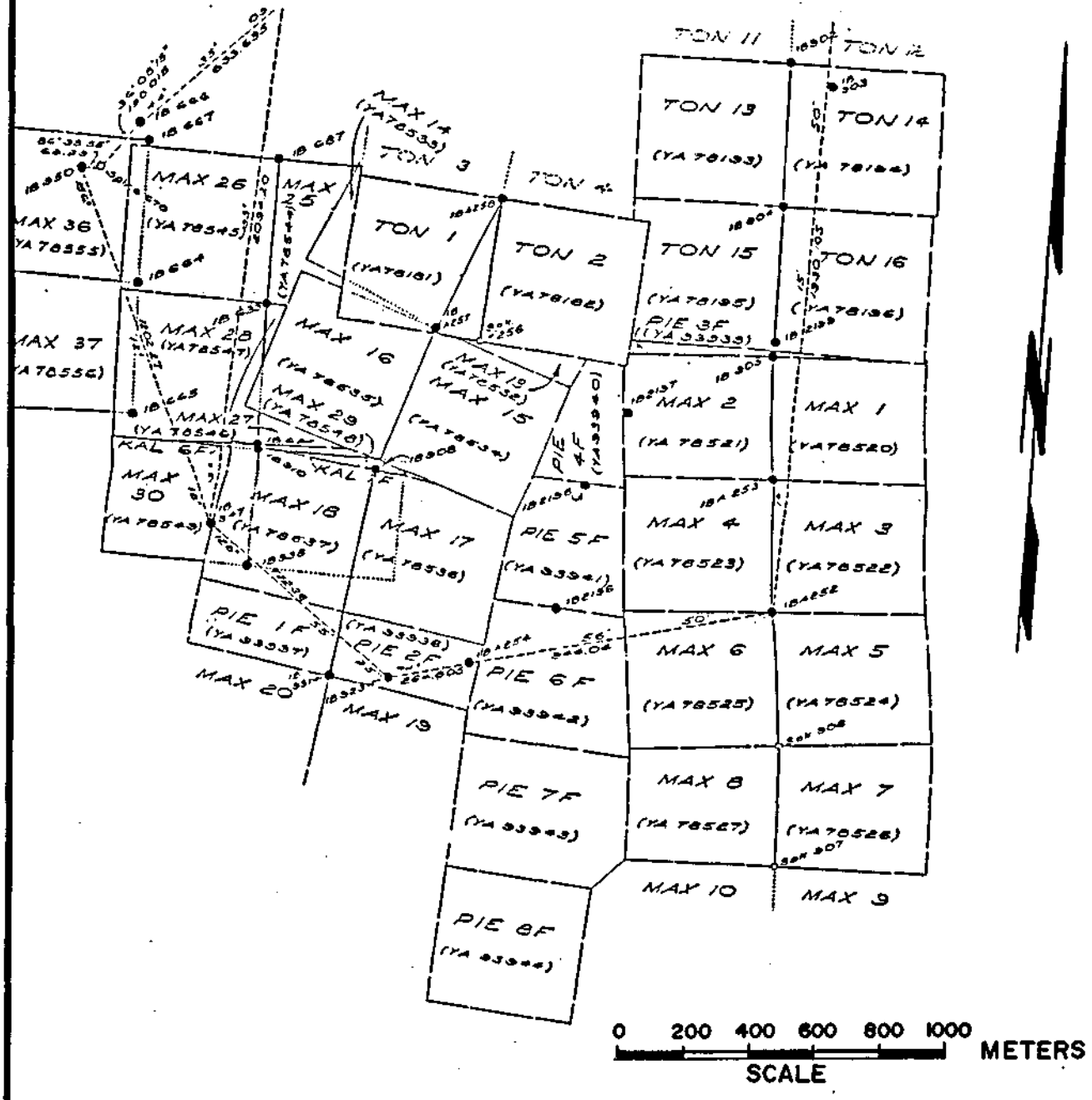
DHW

CLAIM SHEET 105 D-3

ACCESS ROAD TO PROPERTY

SCALE: 1" = 1/2 MILE

FIGURE 3



SHAKWAK EXPLORATION COMPANY LIMITED

DICKSON HILL MAX GROUP

WHEATON RIVER–TALLY-HO MOUNTAIN DISTRICT

WHITEHORSE MINING DISTRICT, YUKON TERR.

CLAIM MAP

SCALE:	DATE:	MAP SHEET:	TECHNICAL:	DRAFTING:
1:20,000	MARCH 1987	105-D-3	D.WAUGH	D.H.W.

D.H. WAUGH, CONTRACT GEOLOGICAL SERVICES

PHYSIOGRAPHY

The property is situated regionally within the eastern portion of the Coast Plutonic complex.

Relief on the property is approximately 525 meters, from 1525 to 1000 meters. Drainage is into the Wheaton River via a number of small creeks feeding Partridge Creek. The lower slopes of Dickson Hill are covered with thick brush consisting primarily of willows, alders and scrub balsam. The plateau on top of the hill is moss and grass covered with minor short buckbrush.

Bedrock exposures are scarce and are mainly limited to the steep lower slopes and small drainage systems. The top of Dickson Hill has a thin regolith and minor glacial till cover.

Most of the higher portion of the MAX claims can be accessed by 4x4 truck or all-terrain-vehicle.

CLIMATE

Climatic records are not available for the property, but it is reported that conditions are somewhat similar to the higher elevations in the Carcross and Whitehorse areas.

Average annual precipitation is approximately 35 centimeters.

Temperatures range from -40°C in winter to +25°C in summer.

The property is normally snow-covered from late September to early May at higher elevations and on north-facing slopes.

HISTORY

The history of the Dickson Hill property is not well documented; however, some evidence of early work is evident.

The Klondike gold rush of 1898 led to the construction of the White Pass Railway from Skagway, Alaska to Whitehorse, Yukon in 1900. The provision of this transportation route resulted in extensive prospecting in this district over the ensuing two decades. Numerous small high-grade precious metal discoveries were made in the immediate area in the early 1900's. The old hand trench on the top of Dickson Hill is believed to be related to this period of exploration activity.

The MAX claims were first staked as the EVEN and ODD claims by Dupont of Canada Exploration Ltd. in 1981 as a follow-up to a regional geochemical stream sediment survey which indicated anomalous gold and silver values. Reconnaissance contour soil sampling over the claims located a number of anomalous (up to 400 ppb gold) values.

The Dupont claims lapsed in June 1983 and were restaked by AGIP in October 1983.

In 1981, as a result of a regional geochemical and prospecting program, AGIP Canada Ltd. became active in the area. By late fall of 1983, the AGIP exploration program had verified the existence of a modest tonnage, high-grade gold deposit on Mount Skukum, slightly to the north and west of Dickson Hill. The deposit is a non-typical epithermal type deposit carrying impressive grades of microscopic gold in a white, vuggy quartz vein.

The property has been optioned to Erickson Gold Mines Ltd. and is being mined as the Mt. Skukum Mine.

PREVIOUS WORK

A small picket grid was established in 1984 to cover the area adjoining a large quartz vein near the summit of Dickson Hill. This area was previously soil sampled by Dupont Exploration in 1981. The grid strikes northerly at 310° with a grid spacing of 40 meters and 10 meters between sample stations. A total of 28 rock samples and 146 soil samples were analyzed.

The grid established in 1984 was expanded during 1985 (see enclosed Grid Location Map, Figure 5, Dickson Hill MAX Group) and an additional 158 soil samples were collected. In addition, 155 contour geochemical samples were taken in the gully areas both to the west and east of the main grid system. A total of 42 rock samples of slightly different lithology and alteration were collected from the claim area and analyzed for gold, silver and lead.

Highly anomalous (to 1300 ppb) gold values with corresponding high copper, lead and zinc values were indicated, particularly in the gully on the west side of the plateau.

A VLF survey was completed over the original grid system using the Seattle station. The Fraser Filter values were plotted and contoured - see Figure 2. The low strength anomaly produced appears to be at right-angles to the strike of the vein system.

After completion of the field exploration the results were plotted and analyzed. A short diamond drilling program was initiated to test the gold anomalies outlined by the geochemical sampling and to test the wide (three meters) quartz vein located on the baseline near station 9+90N.

The drill program was started in mid-November but was forced to shut down by month-end due to extreme weather and water problems. Four drill holes were completed for a total length of 125.3 meters.

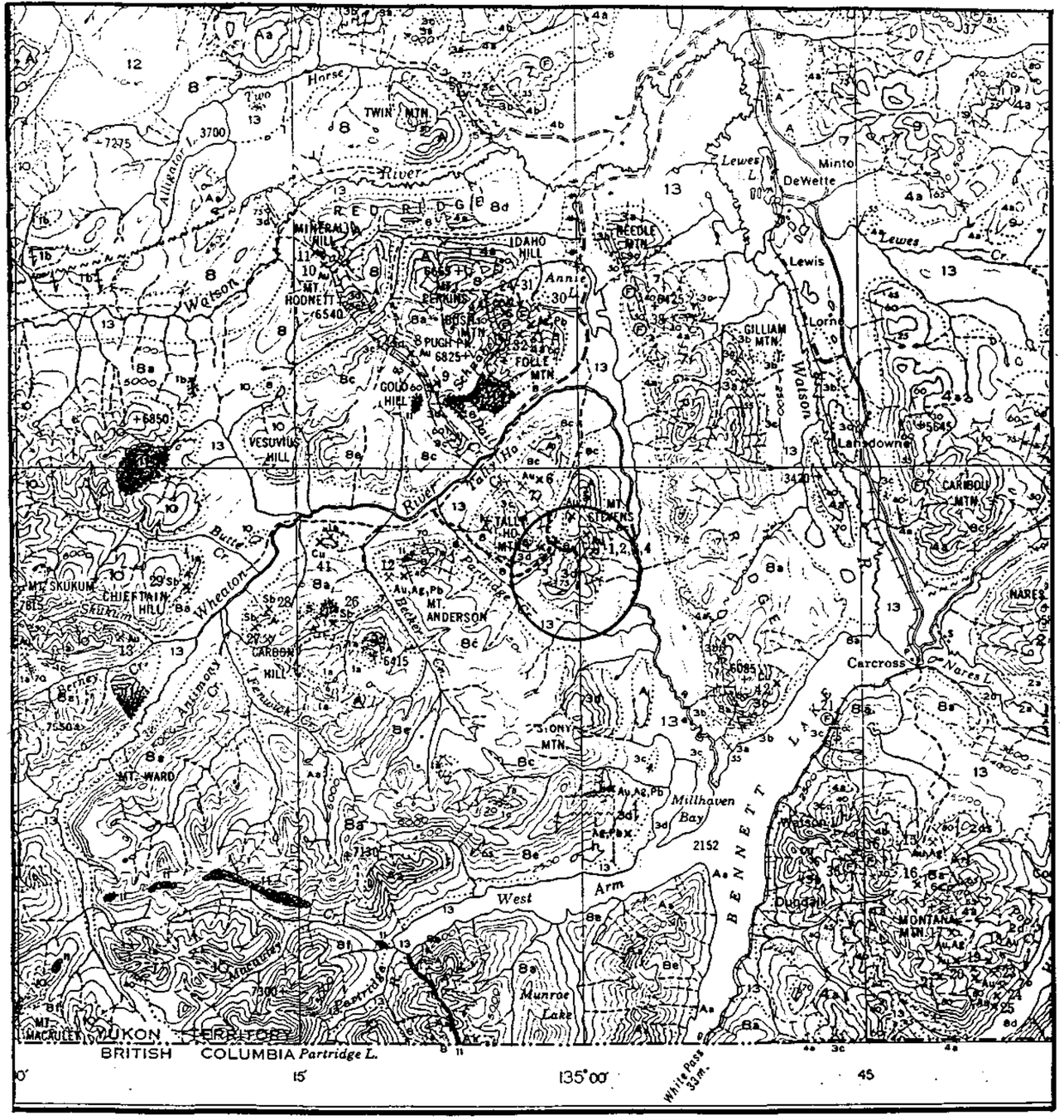
The three holes drilled to test the Au soil anomaly gave inconclusive results. The drill hole to test the wide quartz vein on the baseline at depth struck the hanging wall of the vein at 7 meters and passed through the footwall of the vein at 11 meters. The vein carries minor tetrahedrite, chalcopyrite and malachite in a white to smokey quartz. The first core sample from 7.0 to 7.6 meters assayed 2.141 oz Au and 0.96 oz Ag per ton. The second sample, from 7.6 to 8.36 meters, assayed 0.704 oz Au and 0.2 oz Ag per ton. Assays across the remainder of the vein averaged 0.02 oz Au per ton with extremely low silver values (see Figure 7 - Composite Plan Map, Dickson Hill Property).

GEOLOGY

The geology of the district is well documented by D.D. Cairnes in G.S.C. Memoir 31, 1912, and by J. O. Wheeler in G.S.C. Memor 312, 1961 (see Figure 4, Geology, Whitehorse, Map 1093A for regional geology and Table of Formations on the following page of this report).

Only very limited geological mapping has been carried out on the MAX claims by Shakwak Exploration Co. Ltd.

The rocks outcropping on Dickson Hill and exposed in trenches indicate that much of the property is underlain by metamorphosed intermediate to basic volcanic rocks believed to belong to the Upper Triassic Lewes River Group. Drill core specimen from the 1985 drill program showed that the metavolcanics and subvolcanic intrusives are moderately to well foliated. Pervasive epidote and chlorite alteration occurs in most specimens, except those highly altered with calcite and stained with limonite, in which any epidote has been replaced. Epidote alteration is sometimes associated with pyrite and magnetite mineralization. Later carbonate alteration has been introduced along a network of veinlets in some specimens and in places carbonate pervades the entire rock.



MAP 1093A

GEOLOGY

WHITEHORSE

YUKON TERRITORY

Scale: One Inch to Four Miles = $\frac{1}{253,440}$

Miles

4 2 0 4 8 12

LEGEND

CENOZOIC

QUATERNARY

13 — Alluvium, glacial deposits, volcanic ash, loess

12 — MILES CANYON BASALT: basalt, minor pyroclastic rocks

TERTIARY OR EARLIER

11 — Granite porphyry, rhyolite

SELKIRK GROUP

10 — Andesite, basalt, rhyolite, and trachyte breccias, tuffs, and flows, granitic agglomerate; minor greywacke

9 — Pink quartz monzonite

MESOZOIC

CRETACEOUS

COAST INTRUSIONS

8 — Granodiorite, granite, quartz monzonite, quartz diorite, and allied rocks; 8a, hornblende-biotite-oligoclase granodiorite; 8b, leucocratic granite, biotite granite; 8c, biotite-hornblende quartz diorite; 8d, hornblende diorite; 8e, gneissic porphyritic granodiorite; 8f, sheared granodiorite and granitic breccia; 8g, pegmatite syenite

NUTSHI GROUP

7 — Basalt, andesite, quartz latite, and rhyolite flows, breccias, and tuffs, conglomerate, minor greywacke and argillite; 7a, basalt dyke; 7b, altered volcanic rocks probably belonging to Nutshi group

6 — Peridotite, dunite, serpentinite, pyroxenite

JURASSIC (?) AND CRETACEOUS
UPPER JURASSIC (?) AND LOWER CRETACEOUS

5 — TANTALUS FORMATION: arkose, siltstone, conglomerate, argillite, coal

JURASSIC
(?) LOWER JURASSIC AND LATER
LABERGE GROUP

4 — 4a, greywacke, arkose, quartzite, conglomerate, siltstone, argillite, hornfels; 4b, mainly conglomerate

TRIASSIC
UPPER TRIASSIC
LEWES RIVER GROUP

3 — 3a, greywacke, siltstone, argillite, conglomerate, and tuffaceous equivalents; 3aa, includes Jurassic rocks; 3b, andesite, basalt flows and associated pyroclastic rocks; 3c, limestone, limestone breccia; 3d, metamorphosed rocks probably belonging to Lewes River group

PALAEOZOIC

PENNSYLVANIAN (?) AND PERMIAN
TAKU GROUP

2 — 2a, mainly chert; 2a, greenstone flows and pyroclastic rocks; 2c, limestone, limestone breccia; 2d, metamorphosed volcanic rocks, probably belonging to Taku group; 2ds, metamorphosed volcanic rocks containing numerous serpentine bodies

PRECAMBRIAN AND LATER

YUKON GROUP

1 — 1a, Quartz-mica, quartz-chlorite, and mica schists, quartzite, micaceous quartzite, gneiss, and amphibolite; 1a, feldspathic gneiss, gneissic granitic rocks; 1d, pelitic gneiss; 1e, crystalline limestone

A — Volcanic rocks of uncertain age; As, metamorphosed volcanic rocks

Bedding (horizontal, inclined, vertical, overturned)
Bedding (dip known, top of bed unknown)
Schistosity, gneissosity (inclined, vertical)
Slaty cleavage (inclined, vertical)
Fault (defined, approximate, assumed)
Anticlinal axis (arrow indicates direction of plunge)
Synclinal axis (arrow indicates direction of plunge)
Fossil locality — 23
Mine — 15
Mineral occurrence — 16
Placer deposit — A

SYMBOLS FOR METALS AND MINERALS

Antimony	Sb	Gold	Au
Coal	Coal	Lead	Pb
Copper	Cu	Silver	Ag
Fluorite	Fl	Zinc	Zn

Shakwak – Agip property location

FIGURE 4

TRENCHING

A fairly extensive program of trenching was conducted on the MAX claims, using a D7-E Caterpillar bulldozer with ripper supplied on contract by H. Coyne & Sons Ltd. of Whitehorse. Twenty-six trenches were dug and a limited amount of stripping carried out to expose bedrock in areas of anomalous gold soil sample values, to better expose the quartz vein located at 10+00N on Grid A and to determine bedrock features in areas of interest.

In all, approximately 5067.5 cubic meters of overburden and rock material were removed in 63½ hours. Shallow overburden and limited permafrost conditions make Dickson Hill very suitable for trenching. This was found to be a very cost-efficient method of exploration, providing bedrock information that could only otherwise be obtained by expensive diamond core drilling.

Trench locations were concentrated predominantly in three areas: on Grid A in the quartz vein location at 10+00N on the baseline; on Grid B in the high gold soil sample location at 17+00N on the baseline; and on Grid B extension L12+80N from 21+00E to 24+60E to test the anomalous soil geochemical value located at 22+40N and expose a cross-section of the bedrock to better understand the property geology (see Figure 6, Trench Plan; Figure 7, Composite Plan; and Figure 5, Grid Location Map).

The following is a list of the 1986 trenches, with approximate (unsurveyed) dimensions and volumes:

TRENCHING (continued)

Trench Number	Dimensions (meters)	Volume (cubic meters)
1	5 x 20 x 1.5	150
2	5 x 20 x 1.0	100
3	5 x 40 x 1.0	200
4	5 x 40 x 1.5	300
5	5 x 30 x 1.5	225
6	10 x 40 x 1.0	400
6a	5 x 20 x 1.0	100
7	15 x 10 x 1.5	225
8	5 x 20 x 1.5	150
9	5 x 20 x 0.5	50
10	5 x 25 x 0.5	62.5
11	5 x 20 x 0.5	50
12	8 x 10 x 1.0	80
13	5 x 25 x 1.0	125
14	5 x 15 x 1.0	75
15	5 x 20 x 1.0	100
16	5 x 10 x 0.5	25
17	5 x 25 x 0.5	62.5
18	5 x 40 x 0.5	100
19	5 x 35 x 1.0	175
20	5 x 25 x 0.5	62.5
21	5 x 30 x 1.5	225
22	5 x 40 x 1.0	200
21	5 x 40 x 0.5	100
A	6 x 70 x 1.5	630
B	30 x 15 x 1.5 + 40 x 5 x 1.0	875
stripping	aggregate	220
TOTAL VOLUME		5067.5 cu.m.

TOTAL D7-E bulldozer operating hours: 63.5

Results of sampling conducted in the 1986 trenches are listed in Appendix B of this report; two samples taken from Grid B are shown on Figure 5, Grid Location Map. Other values were considered too low to be plotted. See Figures 6 and 7 for surface sample locations and numbers.

21+00 E
21+50 E
22+00 E
22+50 E
23+00 E
23+50 E
24+00 E
24+50 E
12+80 N
DDH86D-12 (-60°)
DDH86D-13 (-50°)
420 m to Trench B
120 m to Trench A
ROAD

LEGEND

TRENCH & NUMBER
QUARTZ/CALCITE VEINING or LENS in META-BASALT
SAMPLE LOCATION & NUMBER
DIAMOND DRILL HOLE LOCATION & NUMBER & DIP ANGLE

SHAKWAK EXPLORATION COMPANY LIMITED

DICKSON HILL MAX GROUP

WHEATON RIVER-TALLY-HO MOUNTAIN DISTRICT
WHITEHORSE MINING DISTRICT, YUKON TERR.

TRENCH PLAN

FIGURE 6

SCALE:	DATE:	MAP SHEET:	TECHNICAL:	DRAFTING:
1:1000	MARCH 1987	105-D-3	D.WAUGH	D.H.W.

D.H. WAUGH, CONTRACT GEOLOGICAL SERVICES

1986 DIAMOND DRILLING

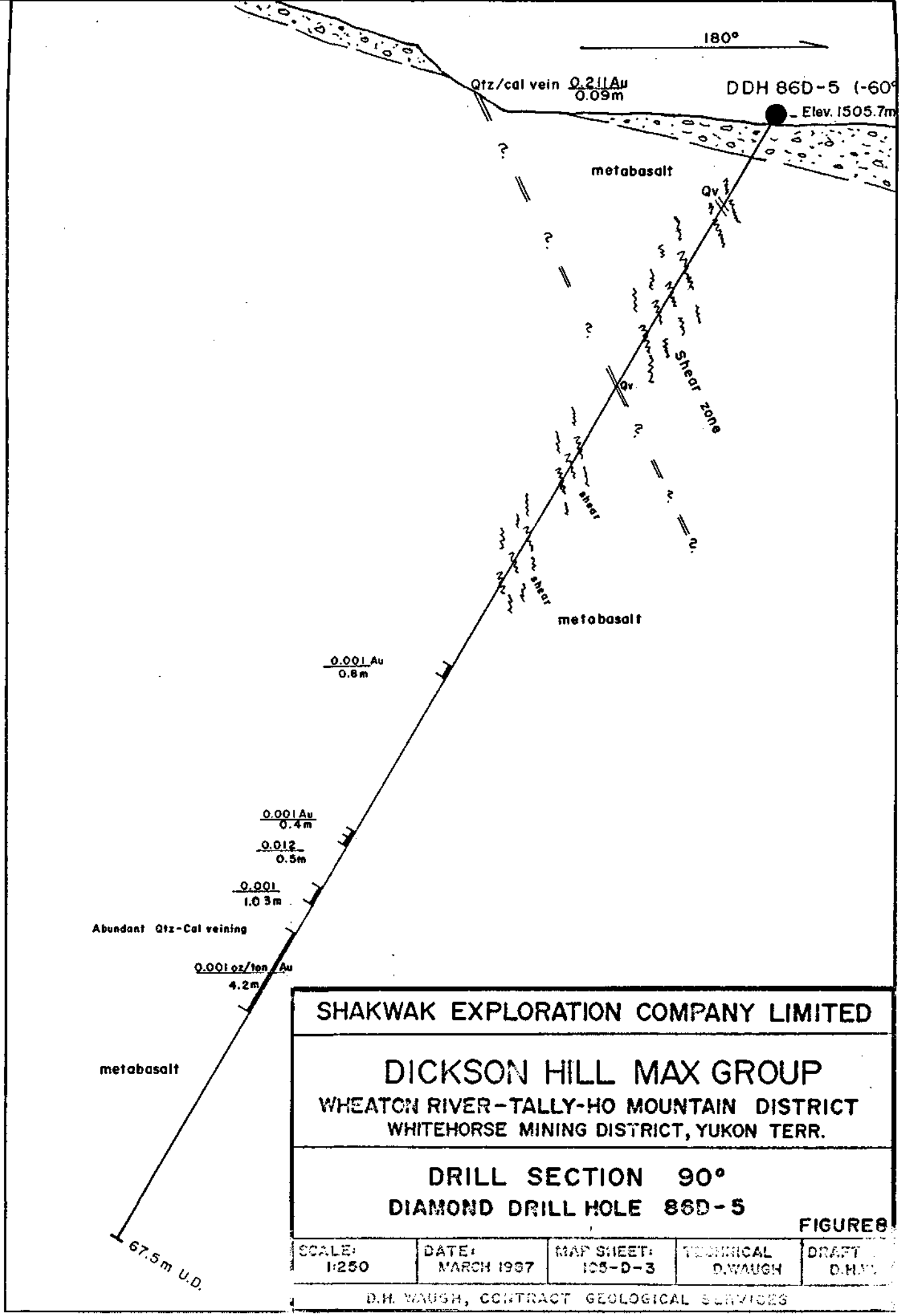
Nine diamond drill holes were collared on the MAX 15, 17 and 29 claims and the PIE 6F claim. Two holes are located on the Grid B and Trench B location, DDH 86D-5 and DDH 86D-6. Five holes are located on Grid A and Trench A in the vicinity of the quartz vein located near 10+00N on the baseline 20+00E, DDH 86D-7 through DDH 86D-11. Two holes are located in Trench 6 near line 12+80N at 22+36E and 22+76E, DDH 86D-12 and DDH 86D-13.

All holes were drilled using NDB (2.21 inch diameter) wireline core size equipment owned and operated under contract to Shakwak Exploration Co. Ltd. by Drilcor Industries Ltd. of Delta, B.C. A total of 365.2meters (1198.2 feet) was completed.

Recovery of core was generally poor in highly sheared zones near surface. This is believed due to the lightweight machinery used (under-powered), inadequate use of drill mud and other ground stabilizing additives and, to some degree, to the inexperience of at least one of the drillers. Loss of up to 95% of core was noted in at least one near-surface shear zone and 50% loss or greater was not uncommon in shears encountered in several of the holes drilled in the quartz vein location at 10+00N on the baseline of Grid A.

Drill logs and assays for all 1986 holes are attached to this report as Appendix C and Appendix B respectively.

The highest drill core assay obtained was 0.180 oz/ton gold from a narrow (0.25 meter) section of quartz-calcite bearing veinlets and stringers in a metabasalt from diamond drill hole 86D-12. Other holes either failed to intersect gold-bearing veining or returned values too low to merit discussion (see Figures 7, 8 and 9 for drill hole sections and assays, and Appendices B and C for assays and drill logs).



SHAKWAK EXPLORATION COMPANY LIMITED

DICKSON HILL MAX GROUP

WHEATON RIVER–TALLY-HO MOUNTAIN DISTRICT
WHITEHORSE MINING DISTRICT, YUKON TERR.

DRILL SECTION 90°
DIAMOND DRILL HOLE 86D-5

FIGURE 8

SCALE: 1:250	DATE: MARCH 1987	MAP SHEET: 105-D-3	TECHNICAL D.WAUGH	DRAFT D.H.W.

D.H. WAUGH, CONTRACT GEOLOGICAL SURVEYS

DDH 86D-13
ELEV. 1607.5 m

220°

2230E

1280N

Sample No. 20047
Qtz-Cal vein

metabasalt

Shear

TRENCH 6

DDH 86D-12
ELEV. 1600m

SHEAR ZONE

mbo

QTZ-CAL VEIN

0.180 oz/ton Au
0.25m

CONCLUSIONS

Based on results of the preliminary drilling late in 1984 and the trenching and drilling conducted in 1986, the quartz vein located on the baseline of Grid A near line 10+00N appears to be lenticular in shape and fault/shear bounded. Determination of direction of movement of the walls of these fault/shears is not readily discernible. The faulted extension of this vein is considered to be worth testing, based on the erratic but high gold values obtained in the 1984 drill hole 84-2.

Results of drilling in the Grid B location were inconclusive. Extensive core loss in near-surface shear zones may account for a failure to intersect any mineralized quartz-calcite veining. Trenching indicated that geochemical soil sampling is an excellent method of locating mineralized shears and quartz-calcite veining.

Additional soil sampling on an expanded grid followed by bulldozer trenching and, if warranted, diamond drilling is considered the best method of locating additional mineralization. Extension of known mineralized structures and zones would also be best achieved by using this approach.

RECOMMENDATIONS

A three-phased program of soil sampling, trenching and diamond drilling is recommended.

No details of the estimated costs are presented at this time. However, a program comprised of soil sampling on an expanded 30 km grid at 10 meter intervals, followed by approximately 100 hours of bulldozer trenching and, if warranted, about 3,000 feet of diamond drilling is estimated to cost $200,000, all-inclusive.

STATEMENT OF QUALIFICATIONS

I, **DAVID H. WAUGH**, of 118 Alsek Road, Whitehorse, Yukon, hereby state that:

1. I have practised my profession as an exploration geologist for 23 years.

2. I was educated at Michigan Technological University, class of 1964, and majored in geological engineering.

3. I personally supervised the field exploration work on the Shakwak Exploration Company Limited's Dickson Hill property during August through to September 1986.

4. The observations, conclusions and recommendations made in this report are those of my own unless otherwise disclosed.

DATED at Whitehorse, Yukon, this 27th day of April, 1987.

David H. Waugh

DICKSON HILL TRENCH/DRILL PROGRAM
Project 314

COST STATEMENT

Period:	August 17, 1986 - April 15, 1987	
Fieldwork:	August 20 - September 21, 1986	
Drilling:	Drilcor Industries Ltd: 365.2 meters of NDB core - holes DDH 86D-5 thru 13	$49,949.00
Trenching:	H. Coyne & Son: D7E Caterpillar - 63½ hrs	9,138.00
Geological services:	D. H. Waugh: field supervision, sampling, core logging, report, and miscellaneous expenses - 57½ days	15,743.23
Assays:	Rossbacher Labs, Bondar-Clegg: 86 samples	556.50
Fuel:	Diesel-bulldozer, camp, truck	1,565.00
Transportation:	4x4 truck rental - 2 months	3,804.00
Claim survey:	Underhill Engineering	3,757.00
Engineering:	J. W. Wallis, P.Eng. - report	1,600.00
Labour, grid, technical:	Grid extension/core handling	4,260.00
Camp:	Camper rental - 3 weeks	600.00
Miscellaneous:	Supplies, communications, highway freight, etc.	1,082.27
	TOTAL	$92,000.00

APPENDIX A

APPENDIX A

BIBLIOGRAPHY

1. D. D. Cairnes - G.S.C. Memoir 31, 1912.

2. J. O. Wheeler - G.S.C. Memoir 312, 1961.

3. J. E. Wallis - Arctic Engineering Services - Engineering Report, June 1, 1985.

4. G. C. Macdonald - Assessment Report, June 1985.

5. J. E. Wallis - Arctic Engineering Services - Engineer's Report, June 1, 1986.

APPENDIX B

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

D : SHAKWAK EXPLORATION CO LTD.
123-470 GRANVILLE STREET
VANCOUVER, B.C.
ROJECT: 314 Dickson Hill
YPE OF ANALYSIS: ASSAY

CERTIFICATE#: 86653
INVOICE#: 7190
DATE ENTERED: 86-11-20
FILE NAME: SHA86653
PAGE # : 1

RE IX	SAMPLE NAME	oz/t Au	LOCATION
)	10114	0.001	DDH 86D-5 : 2.6-3.0m
)	10115	0.001	" " " : 3.0-3.4m
)	10116	0.001	" " " : 33.0-33.15m
)	10117	0.001	" " " : 33.15-33.4m
)	10118	0.001	" " " : 33.4-33.8m
)	10119	0.001	" " " : 43.1-43.5m
)	10120	0.012	" " " : 43.5-44.0m
)	10121	0.001	" " " : 46.5-47.5m
)	10122	0.001	" " " : 49.2-50.0m
)	10123	0.001	" " " : 50.0-50.5m
)	10124	0.001	" " " : 50.5-51.0m
)	10125	0.001	" " " : 51.0-51.5m
)	10126	0.001	" " " : 51.5-52.0m
)	10127	0.001	" " " : 52.0-52.5m
)	10128	0.001	" " " : 52.5-52.9m
)	10129	0.001	" " " : 52.9-53.5m
)	10130	0.001	DDH 86D-5 : 53.5-53.9m

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : SHAKWAK EXPLORATION CO. LTD.
123-470 GRANVILLE ST.
VANCOUVER, B.C.
PROJECT: NOT GIVEN #34 Dickson Hill
TYPE OF ANALYSIS: ASSAY

CERTIFICATE#: 86662
INVOICE#: 7226
DATE ENTERED: 86-11-28
FILE NAME: SHA86662
PAGE # : 1

PRE FIX	SAMPLE NAME	oz/t Au	Location
A	10131	0.001	DDH 86D-7 : 10.9m - 10.95m
A	10132	0.001	DDH86D-8 : 23.7m - 24.5m ?
A	10133	0.001	DDH86D-12 : 26.2 - 26.3m
A	10134	0.001	DDH86D-12 : 33.3 - 33.55m
A	10134 A	0.001	DDH86D-13 : 3.0m - 5.0m
A	10135	0.002	" " " : 5.0 - 5.7m
A	10136	0.001	" " " : 39.3 - 39.45m
A	10137	0.180	DDH86D-12 : 47.0 - 47.2m

CERTIFIED BY : T. Rossbacher

. Company Ltd.
ation Ave.
, Vancouver, B.C.
ada V7P 2R5
ne: (604) 985-0681
x: 04-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: 426-4431

PROJECT: 314 Dickson Hill PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	W PCT	LOCATION	SECTION	WIDTH
R2 10001		0.002		DDH 86D-10		27.2-28.1m	(0.9m)
R2 10002		0.002		"		28.1-28.5m	(0.4m)
R2 10003		0.005		"		28.5-29.2m	(0.7m)
R2 10004		0.002		"		29.2-30.2m	(1.0m)
R2 10005		<0.002		86D-8		23.7-24.8m	(0.9m)
R2 10006		<0.002		86D-8		26.7-27.7m	(1.0m)
R2 10007		<0.002		86D-11		12.7-14.2m	(0.5m)
R2 10008		<0.002		"		15.3-15.4m	(0.1m ?, +60% core loss)
R2 10009		<0.002	0.29	86D-12		11.2-12.7m	(1.5m, 90% core loss)
R2 10010		<0.002	0.02	"		12.7-13.2m	(0.5m)
R2 10011		<0.002	0.04	86D-12		13.2-14.2m	(1.0m)
R2 10012		<0.002	0.08	"		34.9-35.2m	(0.3m)
R2 10013		0.079	0.92	86D-12		36.0-36.3m	(0.3m)

Wang (Sampler)

O: 3BACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

: SHAKWAK EXPLORATION CO. LTD.
123-470 GRANVILLE ST.
VANCOUVER, B.C.
OJECT: 314 Dickson Hill
PE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86500
INVOICE#: 6849
DATE ENTERED: 86-10-07
FILE NAME: SHA86500
PAGE # : 1

E X	SAMPLE NAME	PPM Ag	PPB Au	Location
	20035	1.0	5	Trench #1 : 20+90E/12+90N
	20036	0.6	5	" #2 : 20+95E/12+80N
	20037	0.6	5	" #3 : 21+30E/12+78N
	20038	1.0	10	" #3 : 21+38E/12+75N
	20039	0.8	5	Trench #4 : 21+65E/12+60N
	20040	0.8	5	" #4 : 21+70E/12+60N
	20041	0.2	5	" #4 : 21+85E/12+60N
	20042	10.4	5	" #4 : 21+95E/12+55N
	20043	1.2	5	Trench #5 : 22+12E/12+75N
	20044	0.8	5	" #5 : 22+12E/12+75N
	20045	0.2	5	Trench #6 : 22+36E/12+88N
	20046	0.6	5	" #6 : 22+50E/12+73N
	20047	0.4	5	" #6 : 22+60E/12+82N
	20048	2.0	5	Trench #7 : 22+80E/12+55N
	20049	1.8	5	Trench #8 : 22+80E/12+45N
	20050	0.4	5	Trench #9 : 23+20E/12+68N
	20051	0.2	5	Trench #12 : 24+10E/12+50N
	20052	1.8	10	Trench #13 : 24+30E/12+55N
	20053	0.4	5	Trench 22 MAX 2 claim: center of trench
	20054	0.4	5	" " " " : 10m west of 20053
	20055	0.4	5	" " " " : 20m " " "
	20056	23.8	25500	Trench B : 25+00E/17+00N (same loc. 20020)
	20057	1.0	50	Trench A : 19+90E/20+00N (8" qtz. vein)
	20058	1.8	5	Trench A : 20+02E/19+96N (Chip channel of 1.5m wide qtz vein)
	20059	1.2	40	Trench A : 20+05E/9+86N (40cm vein)

CERTIFIED BY : E. Hoffbach

Company Ltd.
Ave.
ouver, B.C.
/P 2R5
(604) 985-0681
04-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: 426-4190

PROJECT: 314 Dickson Hill PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	LOCATION
R2 20020		0.211	0.54	1700N/2500E - 4" qtz-cal. vein
R2 20021		0.461		9+98N/19+94E - 8" qtz. vein
R2 20022		0.010		1600N/24+75E approx. - from roadcut, rusty vol.
R2 20023		0.005		12+80N/22+40E - Trench #6
R2 20024		0.006		12+85N/22+30E - Trench #6
R2 20025		0.002		12+85N/22+60E - Trench #6
R2 20026		0.005		16+85N/24+95E - Trench B - 10 cm. qtz. vein, rusty
R2 20027		0.020		12+55N/21+10E - Trench #2 - rusty qtz-cal. vein
R2 20029		0.003		Max 2 - drainage near Trench #22 (approx 25 m. north)
R2 20031		0.003		Max 2 loc. - Trench #22 - from alt. ls-vol. contact
R2 20032		0.008		Max 2 loc. - drainage ca north of Trench #22
R2 20033		0.007	<0.02	Max 2 loc. - below Trench #22 - alt. limestone
R2 20034		0.003		16+85N/24+95E - Trench B (same loc. # 20026)

APPENDIX C

DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL PROJECT #314 **HOLE NO.** 86D-5

SHEET NUMBER 1 or 4 | SECTION FROM ____ TO ____ | STARTED August 25, 1986

LATITUDE 16 + 90 N (metric) | DATUM Sea Level | COMPLETED August 27, 1986

DEPARTURE 24 + 90 E | BEARING 0° | ULTIMATE DEPTH 67.5 meters

ELEVATION 4,940' (approx) | DIP -60° | PROPOSED DEPTH ____

DEPTH Meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au oz/ton
0-2.4	overburden					
2.4-3.3	oxidized, altered, metavolcanic, some	10114	2.6	3.0	0.4m	0.001
	carbonate veining, disseminated specs and	10115	3.0	3.4	0.4m	0.001
	blebs of pyrite					
3.3-5.2	fresh, unoxid., alt. metabasalt, dark green					
	to olive green coloured, strongly foliated					
	@ 30° to 40° ℄, some brecciation, shearing and/					
	or faulting evident					
5.2-6.2	core very broken, approx. 50% to 60% core					
	loss, a strong shear zone					
6.2-9.0	dark gr. col. metaba., less feld., increase					
	in cal.-qtz. strgs. and veinlets, dist.					
	banding or foliation					
9.0-13.5	core very broken, sheared strongly, a shear					
	zone with 20 to 30% core loss					
13.5-13.9	core less broken, metabasalt as above					
13.9-14.4	sh., broken core, strong alt., chlor., partly					
	serpentinized, talcose metaba.					
14.4-20.0	metaba.,porphyritic phase, olive green col.					
	predominant, barren qtz. vein at 16.3-16.4m					
	@ 50° ℄ to core axis fract. or joints @ 30°,					

DRILLED BY Drilcor SIGNED [signature]

DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL PROJECT #314 **HOLE NO.** 86D-5

SHEET NUMBER 2 of 4 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au			
14.4-20. cont-	40°, and 60° & and foliated @ 60° &, hematite								
	stain on fract. surfaces								
20.0-22.2	shear zone, core broken, cal. alt. on fractures,								
	calcite-quartz stringers are abundant, metabasalt								
	as above								
22.2-24.0	rock is fine grained, banding or fol. less								
	distinct, fewer qtz-cal. veinlets & strgs.								
24.0-24.2	lighter col. metavol, fine gd., minor qtz. strgs.								
24.2-25.2	f. gd., metaba., hard comp. rock, few qtz-								
	cal. strgs								
25.2-28.2	sh., cal, alt., serp., chlor:, hem. & cal. on								
	fract.								
28.2-33.0	rock more comp., f.gd. metaba., dark green col,								
	cal-qtz strgs, fol. not distinct, ½" qtz. vein								
	with calcite @ 31.0 m, vein is vuggy with								
	minor py. or chalcopy. specs								
33.0-34.8	silicified, alt., metaba., qtz veining	10116	33.0	33.15	0.15	0.001			
	(narrow) with fair fine specs and dissem. blebs								
	of pyrite, rock is olive gr. col. to purplish	10117	33.15	33.4	0.25	0.001			
	col. some brecciation, rusty in sections and	10118	33.4	33.8	0.40	0.001			
	on fractures								

DRILLED BY Drilcor SIGNED _____

DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICSON HILL PROJECT # 314 **HOLE NO.** 86D-5

SHEET NUMBER 3 Of 4 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au			
34.8-38.0	as sect. 33.15-34m. purplish colored								
38.0-39.4	dark gr. col. metaba. f.gd., alternating								
	with lighter olive gr. col. bands, some								
	narrow qtz veining @ 39.4 & 39.6 m; rock is								
	partly porph. @ 39.4 to 40.5								
40.5-43.1	light grey-green col., f.gd. meta vol., few								
	narrow qtz-cal. strgs. to 1/16"								
43.1-47.5	more intense alteration, fine dissem. py	10119	43.1	43.5	0.4	0.001			
	(+ 2%), qtz-cal veining parallel to sub ∥ to	10120	43.5	44.0	0.5	0.012			
	axis, epidote alt. prevalent, some hem, chlor	10121	46.5	47.5	1.03	0.001			
	and sil. alteration noted,								
47.5-48.5	purplish col. metaba. with olive gr. col.								
	patches (epidotized), more qtz-cal. veining								
	and strgs., f. specs py. throughout, veining								
	@ 20° ∠								
48.5-49.25	fewer qtz. veinlets, alt., epid., chlor.								
	metaba., very minor py. min	10122	49.2	50.0	0.8	0.001			
49.25-50.9	pale grey col, f.gd rock (metadacite?)	10123	50	50.5	0.5	0.001			
	f. dissem. py. (+ 3%), rock soft, chlor.	10124	50.5	51.0	0.5	0.001			
	some qtz-cal. veining, fract. sub ∥ to axis	10125	51.0	51.5	0.5	0.001			

DRILLED BY Drilcor SIGNED ____

DIAMOND DRILL RECORD

PROPERTY SHAFTAF-DIKSON HILL PROJECT # 314 **HOLE NO.** 86D-5

SHEET NUMBER 4 of 4 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au			
50.9-52.0	increase qtz-cal. veining, ½" to 1" wide,	10126	51.5	52.0	0.5	0.001			
	sheared, altered metabasalt, f. disseminated	10127	52.0	52.5	0.5	0.001			
	pyrite								
52.0-52.9	metaba., as above but rusty (oxid.) increase								
	in py,,possible fine chalcopy.	10128	52.5	52.9	0.4	0.001			
52.9-53.9	nc oxid., alt. metavol., f.dissem. py.	10129	52.9	53.5	0.6	0.001			
	throughout and in veinlets, section is sil.								
	and chlor., py + 4%	10130	53.5	53.9	0.4	0.001			
53.9-58.5	less int. alt. & fracturing, fract or joints								
	@ 50°, 60° & sub ⊥ to axis, calcite on fract.,								
	light grey to olive green col. and dark gr.								
	col., chloritized in 53.9-55.5 m section, less								
	sil. than previous sections, some cal.-qtz. strgs.								
58.5-67.5	typical altered metabasalt, fine to medium								
	grained rock, banding or foliation distinct								
	@ 60° to 90° to core axis, sheared with								
	calcite on fract., chlor. and epidotized, qtz								
	strgs. and veins, some hematite alt. on fract.								
67.5	end of hole								

DRILLED BY Drilcor SIGNED

DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-6

SHEET NUMBER 1 of 2 | SECTION FROM ____ TO ____ | STARTED August 28/86

LATITUDE 16 + 90 N | DATUM Sea Level | COMPLETED August 28/86

DEPARTURE 24 + 90 E | BEARING 90° | ULTIMATE DEPTH 31 meters

ELEVATION 4,940' | DIP -50° | PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES
0-0.5	overburden					
0.5-8.0	strongly foliated metavol. (basalt?) @ 50° ∠,					
	rock has alternating dark green and olive green					
	bands, lighter green bands consists of alt.					
	feld. and dark bands of alt amphiboles and/or					
	pyroxenes, fract. at 30°, 50°, and 60° ∠'s,	Pet. Spec. 6.6 m				
	some faulting and brecciation evident					
8.0-8.7	more mafic and porphyritic					
8.7-9.5	rusty, int. oxidized, f.gd. metavol., some					
	sections carbonaceous, core broken					
9.5-10.8	as section 0.5 to 8.0m					
10.8-12.1	rusty carb. sect., f.gd., alt. metavol.					
12.1-14.5	metabasalt, mod. foliated, darker green colour					
	than above, epidote alt.					
14.5-24.0	altered metaba., dk. green col., f.gd., some					
	minor cal.-qtz. strgs. and blebs throughout,					
	foliation or banding less distinct @ 30° ∠,					
	core broken @ 18 to 20 m (shear zone)					
24.0-31.0	fol. or banding @ 40° ∠ more distinct, increase					
	in feld. content, some porph. sections, cal.-					
	qtz. strgs. throughout, minor hematite					

DRILLED BY Drilcor SIGNED [signature]

DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D=6

SHEET NUMBER 2 of 2 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
24.0=31.0 cont.	staining. 25.7-26.6 core very broken, rare								
	specs pyrite								
31.0	end of hole								

DRILLED BY Drilcor SIGNED ____

DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-7

SHEET NUMBER 1 of 2 SECTION FROM ____ TO ____ STARTED August 29/86

LATITUDE 9 + 79 N DATUM Sea Level COMPLETED August 30/86

DEPARTURE 19 + 97E BEARING 10° ULTIMATE DEPTH 28.2 meters

ELEVATION 5137' (approx.) DIP -50° PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au			
0-4.5m	overburden (mostly from bulldozed material)								
4.5-6.2	med. gd., foliated diorite dike?	Pet.	5.0	5.05					
6.2-8.0	metaba., foliated, rusty on fract., core very broken								
8.0-9.2	some qtz. veining ¼", rusty py. blebs in qtz strgs.								
9.2-10.6	strongly foliated, sh., serpentinization on sh.								
10.6-10.9	fol., porphyroblastic metaba.								
10.9-10.97	qtz. vein, barren, sh. on walls	10131	10.9	10.95	.0 5	0.001			
10.95-12.2	sh. metaba., some narrow qtz. veins @ 11.25 @ 11.4, chlor., serp; ba.								
12.2-21.2	less sh., fol. @ 60°∠, qtz. vein @ 12.2, ¼" wide, ∥ to fol. or @ 60°∠ to axis, 2 cm. wide qtz. vein @ 12.3m, cuts axis @ 60°∠, metaba., dark to olive green col., epid. & chlor. alt., narrow chlor. epidote fract. veinlets & strgs. , some cal. strgs., hem. on fract. from 18.4-21.2 m								
21.2-22.7	metaba., few narrow ¼" to ½" qtz. veins								
22.7-28.2	metaba, few epidote patches, few qtz. strgs. & veinlets fract. @ 40, 60 & 80°∠, hem; on								

DRILLED BY Drilcor SIGNED [signature]

DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-7

SHEET NUMBER 2 or 2 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH FEET meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
22.7-28.2 cont.	fract. 25m-28m, color dark green to grey								
	green with olive green specs (feld. alt.) and patches								
28.2	end of hole								

DRILLED BY Drilcor SIGNED ____

DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL #314 **HOLE NO.** 86D-8

SHEET NUMBER 1 of 2 SECTION FROM ____ TO ____ STARTED August 30/86

LATITUDE 9 + 79 N DATUM Sea Level COMPLETED August 30/86

DEPARTURE 19 + 97 E BEARING Vert. ULTIMATE DEPTH 31.2 meters

ELEVATION 5137' (approx.) DIP -90° PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0-4.4.	overburden								
4.4-5.2	med. gd., fol. diorite to ba. comp. dyke, core broken								
5.2-9.1	med. gd. dio-dyke, foliated, more fed. than								
	above sect., lighter grey green col., coarse								
	gd., rusty on fract., some hem. on fract.,								
	core broken.								
9.1-9.3	rusty alt. metavol. with carbonate, f.gd.rock								
9.3-9.6	metavol. f. to med. gd., core very broken								
9.6-12.4	coarser gd. than above, a diorite dyke or								
	recrystalized metaba., dense rock, fract.,								
	hem. staining on fract.								
12.4-15.2	metaba, fract., hem. stain, core less								
	broken, color darker green than above.								
15.2-17.2	more light col. minerals (fed. + qtz.?),								
	core more fract. & broken, hem., some fract.								
	sub// to core axis								
17.2-25.2	core very broken, less light col. min. sections								
	16.5-17.2 & 17.2-18.2, have 95% core loss,								
	strong shearing @ 18.2 to 19.7 with 90% core								
	loss, @ 19.7 to 22.2 90 to 95% core loss,								
	@ 22.2 to 23.7 95% core loss, @ 23.7 to 25.2								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL #314 **HOLE NO.** 86D-8

SHEET NUMBER 2 of 2 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au			
17.2-25.2 cont.	85% core loss Fault Zone-Core loss avg. 90% +	10132	23.7m	unknown	width	0.001			
25.2-26.7	meta. ba large qtz. blebs, some irreg. patches								
	few strgs., epid. alt., dark green col. rock,								
	foliation still apparent.								
26.7-27.7	silicification, qtz. veining with py., epidote								
	and chlor. alt,								
27.7-31.2	metaba., epidotization distinct f. to med.								
	gd. rock, foliated								
31.2	end of hole								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL #314 **HOLE NO.** 86D-9

SHEET NUMBER 1 of 2 | SECTION FROM ____ TO ____ | STARTED August 31/86

LATITUDE 9 + 88 N | DATUM Sea Level | COMPLETED September 1/86

DEPARTURE 19 + 39 E | BEARING 40° | ULTIMATE DEPTH 40.7 meters

ELEVATION 5110' (approx.) | DIP -60° | PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0-4.7	overburden								
4.7-8.0	sh., broken, oxid. meta. vol. or intrusive								
	unit (basaltic comp. approx. 50% mafics,								
	45% feld, ± 5% qtz.)								
8.0-10.7	less sh., minor oxid., strongly fol. meta. vol.								
	or diorite, fol. @ 45° to core axis, c.gd.,								
	med. grey green to dark grey green colour								
10.7-11.3	strongly sh. & alt, kaol, chlor. as above								
	green col., less sh. than above, alt.,								
	fract. @ 25°, 50°, 60° & 70° and sub ‖ to ‖								
	to core axis, c.gd.								
11.3-12.7	light col. f. gd. metavol. (ba.)								
12.7-13.2	as sect. 8.0-10.7								
13.2-13.7	less feld. or leucocratic min., f. gd.								
	with porphyritic sect. 13.2-13.4 pheno.								
	of dark min.(amphibole)								
13.7-14.3	sh. zone, 60% core loss								
14.3-14.9	light olive green col. f. gd., metavol.,								
	ba. comp.? , strongly fol. sub. ‖ to core								
	axis @ 10° to 20°								
14.9-16.5	sh. zone, alt., koal., chlor. some cal. on								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL #314 **HOLE NO.** 86D-9

SHEET NUMBER 2 of 2 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
14.9-16.5 cont.	fract., metaba f. to med. gd.								
16.5-17.1	med. to c. gd. meta vol. or dio. hem. on fract., core broken, sh.								
17.1-18.2	sh. zone, core badly broken, alt., some rusty fract. surfaces, miner qtz. veining with dissem. py at 17.1 m								
18.2-18.7	c. gd., meta dio. or ba.?								
18.7-23.8	sh. broken as above, fract. // to core axis and other angles of 40° to 70°, v. c. gd. sections, mod to strongly fol.								
23.8-25.8	f. gd., slightly porphyritic., dense, dark green col. to grey green col. rock								
25.8-40.7	very coarse grained rock, light olive green to dark green coloured rock, moderately sheared and broken through sections 26-26.4, 27.2-27.8, 28.5-31, 35.1-39.2 meters								
40.7	hole lost, rods sticking, no water return								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-10

SHEET NUMBER 1 of 1 SECTION FROM ____ TO ____ STARTED Sept.2/86

LATITUDE 9 + 86 N DATUM Sea Level COMPLETED Sept. 2/86

DEPARTURE 19 + 49 E BEARING 40° ULTIMATE DEPTH 30.2 meters

ELEVATION 5110' (approx.) DIP -50° PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au			
0-8.6	overburden(approx)								
8.6-13.7	int. fract. & broken, metaba. or diorite								
	(med. gd.), core badly broken, hem staining								
	on most fract surfaces								
13.7-14.6	metaba. or diorite med. to c. gd., mod. fol.,								
	two toned olive green to dark green color								
14.6-15.0	c.gd. strongly foliated more amphibole than								
	feld.								
15.0-27.2	med. gd., meta. vol. or dio., foliated								
	@ 70° ∠ to core axis.								
27.2-28.0	f. gd. equiv. to above meta ba.?	10001	27.2	28.1	0.9m	0.002			
	foliated with narrow carbonate veins & minor	10002	28.1	28.5	0.4m	0.002			
	f. dissem. py., rusty on vein & fract. surfaces								
28.0-30.2	very rusty section, f.gd. as above some	10003	28.5	29.2	0.7m	0.005			
	carb. veining, less oxid. from 29.2 to 30.2,	10004	29.2	30.2	1.0m	0.002			
	few blebs & specs of py (<2%) @ 29.7 to 30.)m,								
	minor carb. alt.								
30.2	end of hole								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-11

SHEET NUMBER 1 of 2 SECTION FROM ____ TO ____ STARTED Sept. 3/86

LATITUDE 9 + 85 N DATUM Sea Level COMPLETED Sept. 4/86

DEPARTURE 19 + 82 E BEARING Vertical ULTIMATE DEPTH 33.7 meters

ELEVATION 5140' (spprox) DIP -90° PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0-6.7	overburden possibly bedrock @ 6.0 m?								
6.7-7.1	core badly broken, oxid., sheared, int. alt. volcanic unit (basalt)								
7.1-9.3	sh., broken, alt., meta. vol.								
9.3-10.5	c. gd., dark green col., strongly fol. meta. vol. (diabasic comp. & tex.) grades to porphyry tex. @ 9.8 with feld. phenocrysts, core less broken								
10.5-12.7	as above but amphibole phenocrysts replace feld. pheno, core well fract. & broken.								
12.7-14.2	qtz. veining barren, lim. stained core very broken almost 90% * core loss								
14.2-15.7	core broken, oxid., minor qtz. veining @ 15.3? 30 to 60% core loss. meta. vol. and comp to basalt								
15.7-17.3	sheared broken, int. alt. meta. ba. some qtz. veining @ 15.8m? core loss, strongly foliated., fract								
17.3-21.7	meta. basalt., less broken foliated almost at right X's to core axis feld. & amphib are elongated, fract. or jointing @ 20°								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-11

SHEET NUMBER 2 of 2 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
17.3-21.7 -	and 60° ∠ some sub // fract.								
21.7-22.8	meta. ba. less conspicuous foliation finer								
	gd., more even tex. than above, core more								
	fract., hem on fract.								
22.8-23.0	breccia zone, vol. frag., calcite cement, barren								
23.0-26.5	mod. foliated even. text. meta. ba, rusty								
	py. strg @ 25.2m, more comp. core than above								
	somewhat less fract. pinting								
26.5-30.0	more strongly foliated than above at almost								
	⊥ to core axis, core broken								
30.0-32.4	foliation less apparent, core broken, hem								
	(red) staining on most fract. surfaces,								
	meta ba more alt.								
32.4-33.5	sh. & or fol. @ 30° ∠, core broken, strongly								
	alt some cal. strgs // to fol. or shearing								
33.5-33.7	fol. meta. ba., less alt. & sh. than above								
33.7	end of hole								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-12

SHEET NUMBER 1 of 5 SECTION FROM _____ TO _____ STARTED Sept. 4/86

LATITUDE 12 + 80 N DATUM Sea Level COMPLETED Sept. 5/86

DEPARTURE 22 + 36 E BEARING 40° ULTIMATE DEPTH 63.7 meters

ELEVATION 5,250' (approx) DIP -50° PROPOSED DEPTH _____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0	no overburden (cal. trended to bedrock)								
0-4.2	very broken core, meta. ba., f.gd., fol.,								
	few porphyorblastic sect., hem. on fract.								
4.2-9.5	f. gd. light olive green (epid. alt.) to								
	dark gr. col., fract., with hem staining on								
	surfaces, fol. @ 50°, fract. at 70° & 50°								
	& sub ‖ to ‖ fol. or banding composed of								
	alt. lighter olive gr. & darker green bands								
	some sect. or coarse gd. or phorphyritic,								
	light min. form phenocrysts, core broken,								
	sh. @ 8.1-9.5 shear zone, 90% & core loss *								
9.5-10.2	f. gd., dense, dark grey col. vol, med.								
	porphyritic (light col.)								
10.2-10.4	sh. zone 50% core loss								
10.4-11.2	as sect. 9.5-10.2								
11.2-13.0	sh. zone, poor recovery core ground & lost								
	95% + loss								
13.0-14.2	rusty, well fract, f. gd., sil., dense meta.								
	vol., f. py dissem in. fract. veins and rock,								
	section sampled								
14.2-15.4	less sil. meta. vol., less rust, py dissem								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-12

SHEET NUMBER 2 of 5 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au			
14.2-15.4=	<1% med. to c. gd., inclusions, meta. vol.								
15.4-16.4	broken f. gd., banded or fol. meta ba								
16.4-18.5	ba, epidote alt. conspicuous, few w. narrow qtz. cal. strgs, rock has been fract & brecciated in places- few more alkalic phases (increase feld., 19.8-19.83 qtz. cal. vein, olive gr. color conspicuous.								
18.5-18.7	med. gd. meta. ba., olive gr. col. consp.								
18.7-21.5	f. gd., med. to dark green col., with olive gr. specs., phases veinlets or strgs. phases into an uneven tex. (porphyroblastic?) dark gr. meta. vol. @ 21.5								
21.5-26.2	fairly dist. banded or fol, meta ba strongly f l., barren., fol. @ 60°								
26.2-26.3	qtz-cal. vein @ 60° to axis no min. seen		26.2	26.3	0.1m	0.001			
26.3-28	f. gd. to slightly porphyritic to unequigranular meta. ba., fol., dark gr. to olive gr. col.								
28-28.5	strongly fol, sh & alt. , core comp. rusty in places 28.9-29.0								
28.5-29.6	med. gd. meta. ba, somewhat porphyritic few								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-12

SHEET NUMBER 3 of 5 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au			
28.5-29.6 -	strgs & veinlets of qtz. cal.								
29.6-30.1	sh., broken core, 50% loss								
30.1-33.3	irreg. med. gd. meta. ba., hem. on fract,								
	core mostly well fract & broken, few irreg.								
	shaped qtz. cal. strgs & veinlets								
33.3-33.55	cal. qtz. veining, rusty, no visible sulfides		33.3	33.55	0.25	0.001			
~~33.55-34.8~~	~~meta. ba, f. gd. slightly perpl. dark gr~~								
	~~to olive gr. col., 1" cal. vein @ 34.0~~								
~~34.8-35.2~~	rusty (qtz) calcite veining Sampled.								
35.2-36.0	meta. ba.								
36.0-36.3	rusty cal. qtz. veining Sampled.								
36.3-36.6	light olive gr. col. meta vol. (ba)								
36.6-36.7	sh. alt., cal. qtz. vein or less								
36.7-38.2	fract., broken core (mostly, alt Meta. ba.								
	olive gr. col., few cal-qtz veins, strgs								
	@ 40° & sub ∥, vein @ 36.9 shows past vein								
	movement ½ offset in vein, rel. fresh								
	slight brownish oxid?								
38.2-47.0	core less broken, meta. ba. , porphyritic								
	phases, unalt. white qtz-cal vein 3 cm. wide								
	@ 40.8 strgs & narrow veins throughout sect.								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-12

SHEET NUMBER 4 of 5 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au oz/ton
38.2-47.0 -	fract. @ 40, 50 & 70° ℄ few ‖ fract. some					
	brecciation along vein fract. @ 44.4m					
47.0-47.25	bleached olive gr. alt. meta. vol. with qtz.					
	cal. veining & ± 2% py. Sampled		47.0	47.25	0.25	0.180
47.25-53.5	meta. ba., many narrow qtz-cal. strgs. &					
	veinlets, mostly barren?, hem. on fract.					
	surfaces. 53.35-53.5 bleached at sect.					
	with qtz.-cal. veining, narrow, py +					
	specular hematite ± 1%					
53.5-56.0	dark grey gr. col. porphyritic or porphpoblastic					
	meta. ba., some epidote alt. fewer qtz.-cal.					
	veins & strgs.					
56.0-57.0	f. gd., finely laminated or foliated meta					
	basalt. sh. @ 56.4-56.6 rusty some (qtz)					
	cal. veining					
57.0-59.3	med. gd. meta ba, porphyritic tex. dark					
	(amphib) phenocrysts, hem staining @ 57.3-					
	57.4 (chlorite alt)					
59.3-59.8	meta. ba., light (feld?) pheno. dyke cutting					
	above @ 40° ℄					
59.8-61	as sect.57-59.3 some epidote alt. few qtz.-					

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-12

SHEET NUMBER 5 of 5 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
59.8-61	cal. strgs.								
61-63.7	fine gd. meta. ba., dark gr.,								
63.7	end of hole								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-13

SHEET NUMBER 1 of 3 | SECTION FROM ____ TO ____ | STARTED Sept. 6/86

LATITUDE 12 + 80 N | DATUM Sea Level | COMPLETED Sept. 7/86

DEPARTURE 22 + 76 E | BEARING 40° | ULTIMATE DEPTH 40.2 meters

ELEVATION 5,274 ' (approx) | DIP -50° | PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au			
0-1	overburden								
1-5.0	int. broken, alt., oxid. meta ba. epidotization								
	& chloritization, @ 3.0 m qtz-cal. veining								
	(broken pieces) width? , shear zone, sample	10134A	3.0	5.0 ?	2.0?	0.001			
	some qtz.-cal. veining & strgs < ½"								
5.0-5.7	rusty alt., carb. rich alt. vd. some qtz-								
	carb. veining, sample	10135	5.0	5.7	0.2	0.002			
5.7-6.9	alt. meta ba. , some qtz-cal. veinlets								
6.9-7.1	less alt. meta. ba.								
7.1-7.7	very int. broken, shear zone, 50% core loss								
7.7-8.5	less sh. & broken than above								
8.5-14.5	shear zone, broken 50% core loss to 60%								
	core loss, barren								
14.5-15.2	alt. meta. ba., some qtz-cal. veinlets								
	& strgs, slightly rusty, minor f. py dissem								
15.2-16.2	shear zone? , +95% core loss								
16.2-16.7	meta. ba., broken, fract, less alt.								
16.7-17.4	very broken 60 to 70% core loss								
17.4-18.2	core fract. but comp., no loss meta. ba.								
18.2-19.2	broken core, alt. some core loss 60% @ 19-19.2								
	rock paler olive gr. (typical alt. vol.)								

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-13

SHEET NUMBER 2 of 3 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES
19.2-25.5	comp. dark green col, f.to med gd.meta.ba.,					
	porph. tex. dark (amphib) pheno. few leucocratic					
	(feld) phenc. fract. @ 40,60,70° to core	PetSpec	21.5m		0.5m	
	axis hematite staining on fract throughout,					
	few very narrow, qtz.-cal. strgs veinlets					
	<1/8 " to 1/16", fract. are quite calcic on					
	faces & sheared.					
25.5-27.6	core more sh., fract, broken & alt., epid.					
	chlor., kaol., some narrow qtz.-cal. vein &					
	strgs., some core loss 26.3-26.8 (40% ± 10%)					
	hem. staining consp. @ 26.3-26.8					
27.6-32.9	meta. ba. as above, less alt. fract. veins of					
	qtz.-cal., fract's @ 30°, 70°, 80° & sub ||					
	to || to core axis., hem on fract.					
	Note* surf. except some chlor. epid. sub ||					
	fract but not all, dark green col, porph tex,					
	few light col. sect. more feld (segregation?)					
32.9-34.2	all meta ba., lighter col than					
34.2-35.1	typical meta. ba, hem. consp. on fract.					
35.1-35.8	more int. alt. meta. ba., qtz-cal. vein					
	3 cm wide @ 35.4, barren few more qtz.-cal.					

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DIAMOND DRILL RECORD

PROPERTY SHAKWAK-DICKSON HILL # 314 **HOLE NO.** 86D-13

SHEET NUMBER 3 of 3 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH meters	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au			
35.1-35.8 -	strgs. than above sect.								
35.8-39.3	meta. ba, hem. on fract., core more broken								
	fract 36.2-38.6								
39.3-39.45	qtz. cal. veining, mod. brecciation hem.								
	min & minor py. dissem	10136	39.3	39.45	0.15m	0.001			
	slightly rusty (oxid) @ 30° to core								
39.45-39.7	met. ba., few qtz.-cal. strgs.								
39.7-40.2	shear zone, int. alt. epid. etc. 50% core loss								
40.2	end of hole still in shear zone								

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FIGURE No. 7

COMPOSITE PLAN MAP

DICKSON HILL PROPERTY

SHAKWAK EXPLORATION CO. LTD.

MAX CLAIM GROUP

WHITEHORSE MINING DISTRICT

WHEATON RIVER AREA, YUKON

CLAIM SHEET 105-D-3

60° 12' NORTH 135° 01' EAST

AVERAGE GRID ELEVATION 1555 metres (or 5150' feet)

SCALE: 1:500

0 5 10 20 30 40 50 METRES

LEGEND

- Grid lines with geochemical-geophysical values - gold in ppb, silver in ppm; VLF EM-16 Fraser Filter values (dip angle/degrees); 10 metre station interval - 40 metre grid line separation
- Gold geochemical soil anomaly (+) 20 ppb Au
- Fraser Filter values contour (0, 10, 20 int.); Seattle station
- DDH 84-1 — Diamond drill hole location and number, dip, bearing
- Mineralized quartz vein
- Trench outline
- SECTION 310° — Diamond drill hole section showing geology, gold/silver assays, inclination and depth
- Assay values shown in ounces per ton Au & Ag
- Section scale: 1" = 250

mb	Metabasalt (includes altered andesite)
Qv	Quartz vein
alt.dio	Altered diorite or basic metavolcanics
fr, br	Fractured, broken core
serp, epid	Serpentinized, epidotized
qtz, cal, ser. stg's	Quartz, calcite, sericite stringers or veinlets
2058	Sample location and number
	Shear, fault, breccia

978

DHW

CLAIM LOCATION MAP — WHEATON DISTRICT

GRID LOCATION — DICKSON HILL PROPERTY

KEY MAP — PROPERTY LOCATION

SCALE: 1" = 4 Miles

MAX 17

PIE 6F

FIGURE No. 7

091943